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W1101 E
10/31/80

1101-1110
HOLE 061430 *W1101 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 315 FEET
PROBED 305 FEET ON 6/13/80

LOCATION COLLAR ELEVATION = 6289.0 FEET
N-S COORD. = 1030451.6
E-W COORD. = 260311.9
COORDINATES ARE APPROXIMATE
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 226 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION -----	AGE ---	SUBDIVISION -----	LITHOLOGY -----	DEPTH TO TOP -----
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY -----	DEPTH TO TOP -----
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *W1101 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 164.0 TO 214.0 ; INTERPRETED AS

164.0	.013-	181.0	0.000-	198.0	.018-
164.5	.008-	181.5	.009-	198.5	.051-*
165.0	.011-	182.0	.015-	199.0	.023-
165.5	.007-	182.5	.002-	199.5	.015-
166.0	.011-	183.0	.016-	200.0	.030-
166.5	.001-	183.5	.002-	200.5	.015-
167.0	.032-	184.0	.031-	201.0	.026-
167.5	0.000-	184.5	.004-	201.5	.014-
168.0	.012-	185.0	.011-	202.0	.030-
168.5	.010-	185.5	.006-	202.5	.003-
169.0	.014-	186.0	.020-	203.0	.040-
169.5	.005-	186.5	.004-	203.5	.009-
170.0	.008-	187.0	.031-	204.0	.016-
170.5	.009-	187.5	0.000-	204.5	.018-
171.0	.006-	188.0	.018-	205.0	.009-
171.5	.011-	188.5	0.000-	205.5	.026-
172.0	.010-	189.0	.031-	206.0	.010-
172.5	.018-	189.5	.002-	206.5	.005-
173.0	.039-	190.0	.023-	207.0	.041-
173.5	.093-*	190.5	.020-	207.5	.033-
174.0	.143-**	191.0	.008-	208.0	.029-
174.5	.074-*	191.5	.014-	208.5	.018-
175.0	.106-**	192.0	.018-	209.0	.026-
175.5	.036-	192.5	.013-	209.5	.028-
176.0	.099-*	193.0	.028-	210.0	.023-
176.5	.083-*	193.5	.002-	210.5	.010-
177.0	.205-***	194.0	.033-	211.0	.018-
177.5	.079-*	194.5	.053-*	211.5	.007-
178.0	0.000-	195.0	.095-*	212.0	.026-
178.5	.012-	195.5	.033-	212.5	.010-
179.0	.010-	196.0	.044-	213.0	.009-
179.5	.011-	196.5	.031-	213.5	.011-
180.0	.001-	197.0	.023-	214.0	.023-
180.5	.034-	197.5	.028-		

ANOMALY 2 - 264.0 TO 269.0 ; INTERPRETED AS

264.0	.017-	266.0	.022-	268.0	.012-
264.5	.010-	266.5	0.000-	268.5	.011-
265.0	.017-	267.0	.081-*	269.0	.014-
265.5	.006-	267.5	.006-		

ANOMALY 3 - 287.0 TO 297.0 ; INTERPRETED AS

287.0	.015-	290.5	0.000-	294.0	.115-**
287.5	.010-	291.0	.039-	294.5	.088-*
288.0	.012-	291.5	.032-	295.0	.070-*
288.5	.011-	292.0	.033-	295.5	.052-*
289.0	.011-	292.5	.033-	296.0	.033-

287.0 .008*
289.5 .027*
290.0 .07*

292.5 .008*
293.0 .023*
293.5 .067*★

298.0 .023*
296.5 .001*
297.0 .015*

HOLE 061430 *W1101 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	5.0	.096	173.0	.479
	2.5	.016	187.0	.040
	9.5	.032	194.0	.302
	1.0	.037	207.0	.037
	.5	.081	267.0	.041
	5.0	.053	291.0	.264

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 23.5 FEET,
A GRADE OF .049 (U308, AND A G*T OF 1.162 (=FT,

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	4.5	.102	173.5	.459

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 4.5 FEET,
A GRADE OF .102 (U308, AND A G*T OF .459 (=FT,

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061430 *W1102 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 364 FEET
PROBED 353 FEET ON 6/18/80

LOCATION COLLAR ELEVATION = 6354.8 FEET
N-S COORD. = 1030087.1
E-W COORD. = 260130.0
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 348 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *W1102 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 322.0 TO 332.0 ; INTERPRETED AS

322.0	.009-	325.5	.008-	329.0	0.000-
322.5	.014-	326.0	.009-	329.5	.013-
323.0	.007-	326.5	.028-	330.0	.001-
323.5	.006-	327.0	.033-	330.5	.020-
324.0	.011-	327.5	.022-	331.0	0.000-
324.5	.003-	328.0	.016-	331.5	.013-
325.0	.010-	328.5	.025-	332.0	.012-

HOLE 061430 *W1103 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 522 FEET
PROBED 516 FEET ON 6/19/80

LOCATION COLLAR ELEVATION = 6368.6 FEET
N-S COORD. = 1030364.2
E-W COORD. = 260027.8
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.210
PIPE FACTOR = 1.690
WATER DEPTH = 262 FEET
PIPE DEPTH = 522 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *W1103 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 404.0 TO 410.0 ; INTERPRETED AS

404.0	.020-	406.5	.022-	409.0	.010-
404.5	.014-	407.0	.024-	409.5	.014-
405.0	.016-	407.5	.042-	410.0	.017-
405.5	.016-	408.0	.047-		
406.0	.018-	408.5	.044-		

HOLE 061430 *W1103 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	1.5	.044	407.5	.067

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 1.5 FEET,
A GRADE OF .044 (U308, AND A G*T OF .067 (=FT.

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GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061430 *W1104 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 490 FEET
PROBED 479 FEET ON 6/20/80

LOCATION COLLAR ELEVATION = 6409.3 FEET
N-S COORD. = 1030107.0
E-W COORD. = 259919.4
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.070
PIPE FACTOR = 1.000
WATER DEPTH = 5 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1104 E IS BARREN **

HOLE 061430 *W1105 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 405 FEET
PROBED 395 FEET ON 6/25/80

LOCATION COLLAR ELEVATION = 6319.8 FEET
N-S COORD. = 1030754.9
E-W COORD. = 260078.2
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 257 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS
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FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
.....

THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS
.....

CHEMISTRY	DEPTH TO TOP
.....

THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1105 E IS BARREN **

HOLE 061430 *W1106 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 385 FEET
PROBED 335 FEET ON 6/26/80

LOCATION COLLAR ELEVATION = 6322.1 FEET
N-S COORD. = 1030616.0
E-W COORD. = 259927.0
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 259 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *W1106 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 327.0 TO 332.5 ; INTERPRETED AS

327.0	.017-	329.0	.019-	331.0	.056-*
327.5	0.000-	329.5	.002-	331.5	.019-
328.0	.022-	330.0	.004-	332.0	0.000-
328.5	.012-	330.5	.021-	332.5	.004-

HOLE 061430 *W1107 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 345 FEET
PROBED 335 FEET ON 6/27/80

LOCATION COLLAR ELEVATION = 6251.3 FEET
N-S COORD. = 1031542.5
E-W COORD. = 260211.2
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 210 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1107 E
10/31/80

HOLE 061430 *W1107 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 242.0 TO 246.0 ; INTERPRETED AS

242.0	.013-	243.5	.021-	245.0	.008-
242.5	.008-	244.0	.031-	245.5	.008-
243.0	.013-	244.5	.016-	246.0	.011-

HOLE 061430 *W1108 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 320 FEET
PROBED 307 FEET ON 6/30/80

LOCATION COLLAR ELEVATION = 6216.9 FEET
N-S COORD. = 1031888.1
E-W COORD. = 260210.3
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 194 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1108 E
10/31/80

HOLE 061430 *W1108 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 216.0 TO 220.5 ; INTERPRETED AS

216.0	.012-	218.0	.011-	220.0	0.000-
216.5	.013-	218.5	.038-	220.5	.009-
217.0	.006-	219.0	.026-		
217.5	.012-	219.5	.028-		

W1109 E
10/31/80

HOLE 061430 *W1109 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 310 FEET
PROBED 295 FEET ON 6/30/80

LOCATION COLLAR ELEVATION = 6194.8 FEET
N-S COORD. = 1031685.2
E-W COORD. = 260122.8
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 153 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *W1109 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 134.5 TO 147.0 ; INTERPRETED AS

134.5	.015-	139.0	.039-	143.5	.020-
135.0	.002-	139.5	.021-	144.0	.014-
135.5	.030-	140.0	.032-	144.5	.018-
136.0	.009-	140.5	.029-	145.0	.014-
136.5	.011-	141.0	.036-	145.5	.013-
137.0	.017-	141.5	.019-	146.0	.017-
137.5	.011-	142.0	.025-	146.5	.013-
138.0	.031-	142.5	.030-	147.0	.006-
138.5	.019-	143.0	.021-		

HOLE 061430 *W1109 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
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	5.0	.028	138.0	.141
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 5.0 FEET,			
A GRADE OF .028 (U308,	AND A G*T OF .141 (=FT.			

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1110 E
10/31/80

HOLE 061430 *W1110 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 190 FEET
PROBED 176 FEET ON 6/12/80

LOCATION COLLAR ELEVATION = 6096.1 FEET
N-S COORD. = 1033135.7
E-W COORD. = 259887.4
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.070
PIPE FACTOR = 1.000
WATER DEPTH = 150 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1110 E
10/31/80

HOLE 061430 *W1110 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 120.5 TO 124.5 ; INTERPRETED AS

120.5	.005-	122.0	.119=**	123.5	.015-
121.0	.020-	122.5	.194=***	124.0	.025-
121.5	0.000-	123.0	0.000-	124.5	.003-

HOLE 061430 *W1110 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	1.0	.157	122.0	.157
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 1.0 FEET,			
A GRADE OF .157 (U308,	AND A G*T OF .157 (-FT,			

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GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

1111-1120

W1111 E
10/31/80

HOLE 061430 *W1111 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 185 FEET
PROBED 170 FEET ON 6/13/80

LOCATION COLLAR ELEVATION = 6096.0 FEET
N-S COORD. = 1033195.4
E-W COORD. = 259722.8
COORDINATES ARE APPROXIMATE
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 148 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *W1111 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 105.5 TO 109.5 ; INTERPRETED AS

105.5	.014-	107.0	.027-	108.5	.106-**
106.0	.005-	107.5	.005-	109.0	0.000-
106.5	.007-	108.0	.032-	109.5	.007-

ANOMALY 2 - 131.5 TO 135.5 ; INTERPRETED AS

131.5	.001-	133.0	.021-	134.5	.053-*
132.0	.020-	133.5	.019-	135.0	0.000-
132.5	.003-	134.0	.014-	135.5	.012-

HOLE 061430 *W1111 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	1.0	.069	108.0	.069
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 1.0 FEET,			
A GRADE OF .069 (U308,	AND A G*T OF .069 (=FT.			

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061430 *W1112 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 185 FEET
PROBED 168 FEET ON 6/13/80

LOCATION COLLAR ELEVATION = 6097.2 FEET
N-S COORD. = 1033224.6
E-W COORD. = 259570.3
COORDINATES ARE APPROXIMATE
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 168 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1112 E
10/31/80

HOLE 061430 *W1112 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 93.0 TO 99.5 ; INTERPRETED AS

93.0	.006=	95.5	.021=	98.0	.016=
93.5	.019=	96.0	0.000=	98.5	.026=
94.0	.025=	96.5	.006=	99.0	.009=
94.5	0.000=	97.0	.029=	99.5	.009=
95.0	.004=	97.5	.004=		

HOLE 061430 *W1113 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 365 FEET
PROBED 353 FEET ON 6/17/80

LOCATION COLLAR ELEVATION = 6295.2 FEET
N-S COORD. = 1031262.1
E-W COORD. = 260114.4
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.070
PIPE FACTOR = 1.000
WATER DEPTH = 5 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1113 E IS BARREN **

HOLE 061430 *W1114 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 335 FEET
PROBED 326 FEET ON 6/18/80

LOCATION COLLAR ELEVATION = 6256.6 FEET
N-S COORD. = 1031266.1
E-W COORD. = 259855.6
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.070
PIPE FACTOR = 1.000
WATER DEPTH = 5 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
*****	---	*****	*****	*****

THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
*****	*****

THERE ARE NO CHEMICAL UNITS RECORDED

W1114 E
10/31/80

HOLE 061430 *W1114 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 269.0 TO 275.0 ; INTERPRETED AS

269.0	0.000-	271.5	.013-	274.0	0.000-
269.5	.024-	272.0	.020-	274.5	.019-
270.0	0.000-	272.5	.037-	275.0	.003-
270.5	.021-	273.0	.042-		
271.0	.016-	273.5	.062-*		

HOLE 061430 *W1114 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	1.5	.047	272.5	.071

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 1.5 FEET,
A GRADE OF .047 (U308, AND A G*T OF .071 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061430 *W1115 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 315 FEET
PROBED 301 FEET ON 6/20/80

LOCATION COLLAR ELEVATION = 6233.7 FEET
N-S COORD. = 1031420.9
E-W COORD. = 259845.2
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.690
WATER DEPTH = 5 FEET
PIPE DEPTH = 315 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
*****	---	*****	*****	*****

THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
*****	*****

THERE ARE NO CHEMICAL UNITS RECORDED

W1115 E
10/31/80

HOLE 061430 *W1115 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 238.5 TO 247.0 ; INTERPRETED AS

238.5	.015=	241.5	.115=**	244.5	.012=
239.0	.005=	242.0	.084=*	245.0	.053=*
239.5	.006=	242.5	.013=	245.5	.073=*
240.0	.033=	243.0	.159=***	246.0	.002=
240.5	.076=*	243.5	.004=	246.5	.012=
241.0	.161=***	244.0	.147=**	247.0	.022=

HOLE 061430 *W1115 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	6.0	.077	240.0	.465
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 6.0 FEET,			
A GRADE OF	.077 (U308, AND A G*T OF .465 (=FT.			

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	5.5	.082	240.5	.449
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 5.5 FEET,			
A GRADE OF	.082 (U308, AND A G*T OF .449 (=FT.			

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061430 *W1116 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 320 FEET
PROBED 305 FEET ON 6/23/80

LOCATION COLLAR ELEVATION = 6248.6 FEET
N-S COORD. = 1031506.7
E-W COORD. = 259688.2
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 185 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *W1116 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 228.5 TO 238.0 ; INTERPRETED AS

228.5	.015-	232.0	.050-*	235.5	0.000-
229.0	.011-	232.5	.034-	236.0	0.000-
229.5	.008-	233.0	.016-	236.5	.025-
230.0	.007-	233.5	.012-	237.0	0.000-
230.5	.009-	234.0	.007-	237.5	.018-
231.0	.007-	234.5	.047-	238.0	.021-
231.5	.018-	235.0	.081-*		

ANOMALY 2 - 258.0 TO 268.0 ; INTERPRETED AS

258.0	.014-	261.5	.022-	265.0	.018-
258.5	.006-	262.0	.031-	265.5	.025-
259.0	.013-	262.5	.319-*****	266.0	0.000-
259.5	.048-	263.0	.011-	266.5	.018-
260.0	.070-*	263.5	.054-*	267.0	.020-
260.5	.015-	264.0	.023-	267.5	0.000-
261.0	.028-	264.5	.043-	268.0	.025-

HOLE 061430 *W1116 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	3.5	.035	232.0	.124
	5.5	.060	259.5	.332

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 9.0 FEET,
A GRADE OF .051 (U308, AND A G*T OF .456 (-FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1117 E
10/31/80

HOLE 061430 *W1117 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 315 FEET
PROBED 306 FEET ON 6/23/80

LOCATION COLLAR ELEVATION = 6243.9 FEET
N-S COORD. = 1031643.3
E-W COORD. = 259677.4
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 180 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *W1117 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 158.0 TO 248.0 ; INTERPRETED AS

158.0	.022-	188.5	.042-	219.0	.145=**
158.5	.014-	189.0	.060=**	219.5	.189=***
159.0	.016-	189.5	.047-	220.0	.181=***
159.5	.013-	190.0	.072=**	220.5	.084=**
160.0	.017-	190.5	.031-	221.0	.061=**
160.5	.018-	191.0	.059=**	221.5	.067=**
161.0	.013-	191.5	.050=**	222.0	.075=**
161.5	.012-	192.0	.077=**	222.5	.067=**
162.0	.015-	192.5	.069=**	223.0	.060=**
162.5	.014-	193.0	.059=**	223.5	.145=**
163.0	.015-	193.5	.091=**	224.0	.081=**
163.5	.017-	194.0	0.000-	224.5	.031-
164.0	.008-	194.5	.126=**	225.0	.028-
164.5	.018-	195.0	.028-	225.5	.040-
165.0	.017-	195.5	.120=**	226.0	.047-
165.5	.014-	196.0	.018-	226.5	.047-
166.0	.009-	196.5	.105=**	227.0	.052=**
166.5	.037-	197.0	.072=**	227.5	.052=**
167.0	.012-	197.5	.092=**	228.0	.224=***
167.5	.015-	198.0	.061=**	228.5	.194=***
168.0	.054=*	198.5	.103=**	229.0	.070=**
168.5	.016-	199.0	.020-	229.5	.074=**
169.0	.033-	199.5	.070=**	230.0	.077=**
169.5	.028-	200.0	.038-	230.5	.095=**
170.0	.020-	200.5	.050=**	231.0	.074=**
170.5	.043-	201.0	.043-	231.5	.048-
171.0	.039-	201.5	.046-	232.0	.074=**
171.5	.015-	202.0	.016-	232.5	.040-
172.0	.035-	202.5	.194=***	233.0	.058=**
172.5	.020-	203.0	.110=**	233.5	.026-
173.0	.034-	203.5	.041-	234.0	.091=**
173.5	.030-	204.0	.030-	234.5	.109=**
174.0	.022-	204.5	.013-	235.0	0.000-
174.5	.030-	205.0	.015-	235.5	.027-
175.0	.014-	205.5	.035-	236.0	.011-
175.5	.037-	206.0	.059=**	236.5	.020-
176.0	.036-	206.5	.004-	237.0	.009-
176.5	.012-	207.0	.249=****	237.5	.018-
177.0	.023-	207.5	.225=****	238.0	.010-
177.5	.039-	208.0	0.000-	238.5	.053=*
178.0	.020-	208.5	.017-	239.0	.042-
178.5	.027-	209.0	.020-	239.5	.025-
179.0	.043-	209.5	.038-	240.0	0.000-
179.5	.025-	210.0	.034-	240.5	.027-
180.0	.047-	210.5	.052=**	241.0	.004-
180.5	.054=*	211.0	.089=**	241.5	.041-
181.0	.042-	211.5	.093=**	242.0	.010-
181.5	.023-	212.0	.083=**	242.5	.015-
182.0	.041-	212.5	.080=**	243.0	.013-
182.5	.031-	213.0	.177=***	243.5	.006-

183.0	.024=	213.5	.388=*****	244.0	.039=
183.5	.036=	214.0	.183=***	244.5	.012=
184.0	.07=	214.5	.192=**	245.0	.010=
184.5	.04=	215.0	.134=**	245.5	.016=
185.0	.029=	215.5	.124=**	246.0	.011=
185.5	.068=*	216.0	.109=**	246.5	.019=
186.0	.056=*	216.5	.189=***	247.0	.025=
186.5	.067=*	217.0	.205=****	247.5	0.000=
187.0	.087=*	217.5	.051=*	248.0	.017=
187.5	.027=	218.0	.065=*		
188.0	.080=*	218.5	.147=**		

ANOMALY 2 = 252.0 TO 262.5 ; INTERPRETED AS

252.0	.009=	256.0	.023=	260.0	.016=
252.5	.037=	256.5	.010=	260.5	.016=
253.0	.002=	257.0	.015=	261.0	.020=
253.5	.015=	257.5	0.000=	261.5	.018=
254.0	.022=	258.0	.253=*****	262.0	.004=
254.5	.020=	258.5	.173=***	262.5	.014=
255.0	.013=	259.0	.019=		
255.5	.018=	259.5	.017=		

HOLE 061430 *W1117 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	68.5	.068	166.5	4.671
	1.0	.048	238.5	.048
	1.0	.213	258.0	.213

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 70.5 FEET,
A GRADE OF .070 (U308, AND A G*T OF 4.932 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	18.0	.065	185.5	1.177
	2.0	.134	206.0	.269
	14.0	.125	210.5	1.748
	8.0	.085	227.0	.679

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 42.0 FEET,
A GRADE OF .092 (U308, AND A G*T OF 3.872 (=FT.

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	7.5	.164	213.0	1.230

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 7.5 FEET,
A GRADE OF .164 (U308, AND A G*T OF 1.230 (=FT.

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	4.5	.187	213.0	.840

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 4.5 FEET,
A GRADE OF .187 (U308, AND A G*T OF .840 (=FT.

HOLE 061430 *W1118 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 320 FEET
PROBED 308 FEET ON 6/25/80

LOCATION COLLAR ELEVATION = 6245.8 FEET
N-S COORD. = 1031974.3
E-W COORD. = 259154.1
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 138 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *W1118 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 96.5 TO 104.0 ; INTERPRETED AS

96.5	.013-	99.5	.022-	102.5	.035-
97.0	.014-	100.0	.023-	103.0	0.000-
97.5	.011-	100.5	.039-	103.5	.023-
98.0	.023-	101.0	.037-	104.0	.025-
98.5	.016-	101.5	.016-		
99.0	.007-	102.0	.020-		

ANOMALY 2 - 215.0 TO 222.0 ; INTERPRETED AS

215.0	.025-	217.5	0.000-	220.0	.048-
215.5	0.000-	218.0	.037-	220.5	.008-
216.0	.034-	218.5	0.000-	221.0	.028-
216.5	.049-	219.0	.035-	221.5	.008-
217.0	.024-	219.5	.001-	222.0	.010-

ANOMALY 3 - 268.5 TO 272.0 ; INTERPRETED AS

268.5	.026-	270.0	.042-	271.5	.003-
269.0	0.000-	270.5	.038-	272.0	.007-
269.5	.010-	271.0	.018-		

HOLE 061430 *W1118 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	2.5	.029	100.5	.074
	4.5	.025	216.0	.114
	1.0	.040	270.0	.040

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 8.0 FEET,
A GRADE OF .028 (U308, AND A G*T OF .228 (-FT,

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061430 *W1119 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 310 FEET
PROBED 300 FEET ON 6/25/80

LOCATION COLLAR ELEVATION = 6272.5 FEET
N-S COORD. = 1031787.3
E-W COORD. = 259002.1
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 275 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED.

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED.

W1119 E
10/31/80

HOLE 061430 *W1119 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 212.5 TO 220.5 ; INTERPRETED AS

212.5	.112-**	215.5	.035-	218.5	.047-
213.0	0.000-	216.0	0.000-	219.0	.013-
213.5	.007-	216.5	.009-	219.5	.015-
214.0	.017-	217.0	0.000-	220.0	.005-
214.5	.002-	217.5	.029-	220.5	.020-
215.0	.002-	218.0	.006-		

HOLE 061430 *W1119 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	.5	.112	212.5	.056
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF			.5 FEET,
A GRADE OF	.112 (U308,	AND A G*T OF	.056 (=FT,	

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061430 *W1120 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 320 FEET
PROBED 291 FEET ON 6/30/80

LOCATION COLLAR ELEVATION = 6298.1 FEET
N-S COORD. = 1031963.6
E-W COORD. = 258754.8
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 207 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1120 E
10/31/80

HOLE 061430 *W1120 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 89.0 TO 96.0 ; INTERPRETED AS

89.0	.001-	91.5	.027-	94.0	.017-
89.5	.019-	92.0	.022-	94.5	.016-
90.0	.008-	92.5	.013-	95.0	0.000-
90.5	.013-	93.0	.008-	95.5	.023-
91.0	.028-	93.5	0.000-	96.0	0.000-

1121-1138

W1121 E
10/31/80

HOLE 061430 *W1121 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 210 FEET
PROBED 199 FEET ON 6/30/80

LOCATION COLLAR ELEVATION = 6243.4 FEET
N-S COORD. = 1032199.0
E-W COORD. = 258850.6
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 172 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *W1121 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 128.0 TO 140.0 ; INTERPRETED AS

128.0	.015-	132.5	.006-	137.0	.010-
128.5	.002-	133.0	.013-	137.5	.018-
129.0	.021-	133.5	.011-	138.0	0.000-
129.5	.025-	134.0	.036-	138.5	.029-
130.0	.032-	134.5	.007-	139.0	.012-
130.5	.030-	135.0	.030-	139.5	.004-
131.0	.003-	135.5	.038-	140.0	.013-
131.5	.010-	136.0	.015-		
132.0	.028-	136.5	.024-		

HOLE 061430 *W1121 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
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	1.0	.031	130.0	.031
	2.0	.028	134.0	.056

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 3.0 FEET,
A GRADE OF .029 (U308, AND A G*T OF .087 (=FT,

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061430 *W1122 E WORKMAN CK. PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 310 FEET
PROBED 299 FEET ON 6/30/80

LOCATION COLLAR ELEVATION = 6217.8 FEET
N-S COORD. = 1032199.0
E-W COORD. = 259850.6
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 250 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *W1122 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 190.0 TO 268.0 ; INTERPRETED AS

190.0	.025=-	216.5	.052=-*	243.0	.038=-
190.5	.006=-	217.0	.027=-	243.5	.044=-
191.0	.040=-	217.5	.066=-*	244.0	.040=-
191.5	.005=-	218.0	.120=-**	244.5	.031=-
192.0	.010=-	218.5	.081=-*	245.0	.031=-
192.5	.036=-	219.0	.096=-*	245.5	.040=-
193.0	.010=-	219.5	.083=-*	246.0	.064=-*
193.5	.021=-	220.0	.166=-***	246.5	.041=-
194.0	.014=-	220.5	.073=-*	247.0	.041=-
194.5	.018=-	221.0	.033=-	247.5	.042=-
195.0	.007=-	221.5	.076=-*	248.0	.028=-
195.5	.040=-	222.0	.034=-	248.5	.047=-
196.0	.001=-	222.5	.122=-**	249.0	.027=-
196.5	.034=-	223.0	.053=-*	249.5	.026=-
197.0	.019=-	223.5	.239=-****	250.0	.030=-
197.5	.030=-	224.0	.097=-*	250.5	.030=-
198.0	.010=-	224.5	.110=-**	251.0	.022=-
198.5	.035=-	225.0	.104=-**	251.5	.029=-
199.0	.011=-	225.5	.041=-	252.0	.018=-
199.5	.033=-	226.0	.025=-	252.5	.023=-
200.0	.016=-	226.5	.068=-*	253.0	.020=-
200.5	.020=-	227.0	.093=-*	253.5	.015=-
201.0	.018=-	227.5	.054=-*	254.0	.032=-
201.5	.025=-	228.0	.144=-**	254.5	.009=-
202.0	.019=-	228.5	.159=-***	255.0	.038=-
202.5	.026=-	229.0	.155=-***	255.5	.007=-
203.0	.014=-	229.5	.103=-**	256.0	.015=-
203.5	.046=-	230.0	.216=-****	256.5	.018=-
204.0	.010=-	230.5	.212=-****	257.0	.012=-
204.5	.037=-	231.0	.286=-*****	257.5	.021=-
205.0	.045=-	231.5	.321=-*****	258.0	.008=-
205.5	.116=-**	232.0	.055=-*	258.5	.027=-
206.0	.030=-	232.5	.220=-****	259.0	.021=-
206.5	.071=-*	233.0	.218=-****	259.5	.010=-
207.0	.059=-*	233.5	.216=-****	260.0	.018=-
207.5	.060=-*	234.0	.225=-****	260.5	.011=-
208.0	.058=-*	234.5	.192=-****	261.0	.012=-
208.5	.049=-	235.0	.176=-****	261.5	.015=-
209.0	.064=-*	235.5	.339=-*****	262.0	.018=-
209.5	.040=-	236.0	.026=-	262.5	.005=-
210.0	.047=-	236.5	.106=-**	263.0	.031=-
210.5	.036=-	237.0	.063=-*	263.5	.031=-
211.0	.058=-*	237.5	.076=-*	264.0	.014=-
211.5	.054=-*	238.0	.018=-	264.5	.019=-
212.0	.082=-*	238.5	.041=-	265.0	.035=-
212.5	.061=-*	239.0	.024=-	265.5	.006=-
213.0	.053=-*	239.5	.039=-	266.0	.017=-
213.5	.107=-**	240.0	.027=-	266.5	.008=-
214.0	.145=-**	240.5	.060=-*	267.0	.029=-
214.5	.090=-*	241.0	.097=-*	267.5	0.000=-

213.0 .099**
215.5 .043**
216.0 .075**

241.5 .107**
242.0 .033**
242.5 .026**

288.0 .016**

HOLE 061430 *W1122 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	2.0	.023	191.0	.046
	4.5	.024	195.5	.107
	47.5	.085	203.5	4.040
	1.5	.026	254.0	.040
	2.5	.026	263.0	.065

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 58.0 FEET,
A GRADE OF .074 (U308, AND A G*T OF 4.296 (=FT,

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	32.5	.106	205.5	3.435

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 32.5 FEET,
A GRADE OF .106 (U308, AND A G*T OF 3.435 (=FT,

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	9.0	.187	228.0	1.685

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 9.0 FEET,
A GRADE OF .187 (U308, AND A G*T OF 1.685 (=FT,

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	7.5	.206	228.5	1.547

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 7.5 FEET,
A GRADE OF .206 (U308, AND A G*T OF 1.547 (=FT,

HOLE 061430 *W1123 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 230 FEET
PROBED 222 FEET ON 7/ 1/80

LOCATION COLLAR ELEVATION = 6190.2 FEET
N-S COORD. = 1031576.0
E-W COORD. = 259880.1
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 196 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1123 E
10/31/80

HOLE 061430 *W1123 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 214.0 TO 220.5 ; INTERPRETED AS

214.0	.023-	216.5	.007-	219.0	.033-
214.5	.011-	217.0	.014-	219.5	.023-
215.0	.019-	217.5	.015-	220.0	.001-
215.5	.006-	218.0	.023-	220.5	.015-
216.0	.010-	218.5	.050**		

HOLE 061430 *W1123 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	-----
	1.0	.042	218.5	.042

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 1.0 FEET,
A GRADE OF .042 (U308, AND A G*T OF .042 (=FT,

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061430 *W1124 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 260 FEET
PROBED 250 FEET ON 7/ 9/80

LOCATION COLLAR ELEVATION = 6164.1 FEET
N-S COORD. = 1031595.4
E-W COORD. = 259981.4
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 220 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *W1124 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 155.0 TO 166.0 ; INTERPRETED AS

155.0	.019-	159.0	.035-	163.0	.060=*
155.5	.002-	159.5	.054=*	163.5	.051=*
156.0	.041-	160.0	.082=*	164.0	.050=*
156.5	.006-	160.5	.255=*****	164.5	.057=*
157.0	.035-	161.0	.163=***	165.0	.045-
157.5	.034-	161.5	.048-	165.5	.016-
158.0	.034-	162.0	.076=*	166.0	.008-
158.5	.060=*	162.5	.040-		

ANOMALY 2 - 190.5 TO 204.0 ; INTERPRETED AS

190.5	.013-	195.5	.040-	200.5	.010-
191.0	.008-	196.0	.073=*	201.0	.020-
191.5	.037-	196.5	.101=**	201.5	.021-
192.0	.005-	197.0	.146=**	202.0	.010-
192.5	.036-	197.5	.200=****	202.5	.024-
193.0	.042-	198.0	.366=*****	203.0	.037-
193.5	.031-	198.5	.197=***	203.5	0.000-
194.0	.034-	199.0	.106=**	204.0	.020-
194.5	.030-	199.5	.022-		
195.0	.030-	200.0	.011-		

HOLE 061430 *W1124 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	9.5	.065	156.0	.613
	8.0	.092	191.5	.737
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 17.5 FEET,			
A GRADE OF	.077 (U308, AND A G*T OF 1.350 (=FT,			

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	6.5	.079	158.5	.515
	3.5	.170	196.0	.594
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 10.0 FEET,			
A GRADE OF	.111 (U308, AND A G*T OF 1.110 (=FT,			

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	3.0	.186	196.5	.558
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 3.0 FEET,			
A GRADE OF	.186 (U308, AND A G*T OF .558 (=FT,			

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061430 *W1125 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 230 FEET
PROBED 222 FEET ON 7/ 1/80

LOCATION COLLAR ELEVATION = 6152.6 FEET
N-S COORD. = 1031773.9
E-W COORD. = 259930.4
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 196 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *W1125 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 187.5 TO 190.0 ; INTERPRETED AS

187.5	.010-	188.5	.006-	189.5	0.000-
188.0	.005-	189.0	.046-	190.0	.009-

ANOMALY 2 - 209.5 TO 214.5 ; INTERPRETED AS

209.5	.005-	211.5	.015-	213.5	.017-
210.0	.004-	212.0	.021-	214.0	.008-
210.5	.025-	212.5	.020-	214.5	.019-
211.0	.030-	213.0	.015-		

W1126 E
10/31/80

HOLE 061430 *W1126 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 230 FEET
PROBED 221 FEET ON 7/ 7/80

LOCATION COLLAR ELEVATION = 6125.9 FEET
N-S COORD. = 1031759.8
E-W COORD. = 259028.0
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 198 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *W1126 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 138.0 TO 146.0 ; INTERPRETED AS

138.0	.015-	141.0	.014-	144.0	.004-
138.5	.009-	141.5	.029-	144.5	.014-
139.0	.026-	142.0	.033-	145.0	.020-
139.5	.018-	142.5	.031-	145.5	0.000-
140.0	.029-	143.0	.076-*	146.0	.008-
140.5	.012-	143.5	0.000-		

ANOMALY 2 - 165.0 TO 172.0 ; INTERPRETED AS

165.0	.018-	167.5	.054-*	170.0	.008-
165.5	.008-	168.0	.002-	170.5	.008-
166.0	.010-	168.5	.017-	171.0	.004-
166.5	.023-	169.0	.005-	171.5	0.000-
167.0	.057-*	169.5	.024-	172.0	.027-

HOLE 061430 *W1126 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	1.5	.047	142.0	.070
	1.0	.056	167.0	.056

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 2.5 FEET,
A GRADE OF .050 (U308, AND A G*T OF .126 (-FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1127 E
10/31/80

HOLE 061430 *W1127 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 235 FEET
PROBED 224 FEET ON 6/30/80

LOCATION COLLAR ELEVATION = 6124.7 FEET
N-S COORD. = 1031947.5
E-W COORD. = 260020.4
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 112 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
*****	---	*****	*****	*****

THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
*****	*****

THERE ARE NO CHEMICAL UNITS RECORDED

W1127 E
10/31/80

HOLE 061430 *W1127 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 189.0 TO 193.0 ; INTERPRETED AS

189.0	.020-	190.5	.020-	192.0	.022-
189.5	.018-	191.0	.021-	192.5	.018-
190.0	.020-	191.5	.027-	193.0	.014-

W1128 E
10/31/80

HOLE 061430 *W1128 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 245 FEET
PROBED 235 FEET ON 6/30/80

LOCATION COLLAR ELEVATION - 6135.3 FEET
N-S COORD. - 1032046.2
E-W COORD. - 260051.3
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP -90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR - .00003440
DEAD TIME - .00000458
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 195 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1128 E
10/31/80

HOLE 061430 *W1128 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 177.0 TO 181.0 ; INTERPRETED AS

177.0	.016-	178.5	.016-	180.0	.010-
177.5	.011-	179.0	.023-	180.5	.008-
178.0	.010-	179.5	.019-	181.0	.011-

W1129 E
10/31/80

HOLE 061430 *W1129 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 160 FEET
PROBED 154 FEET ON 7/ 9/80

LOCATION COLLAR ELEVATION = 6055.1 FEET
N-S COORD. = 1033070.6
E-W COORD. = 260048.6
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 110 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *W1129 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 50.5 TO 97.0 ; INTERPRETED AS

50.5	.015-	66.5	.025-	82.5	.060-*
51.0	.010-	67.0	.004-	83.0	.036-
51.5	.019-	67.5	.007-	83.5	.059-*
52.0	.017-	68.0	.005-	84.0	.070-*
52.5	.011-	68.5	.008-	84.5	.061-*
53.0	.022-	69.0	.003-	85.0	.084-*
53.5	.007-	69.5	.031-	85.5	.036-
54.0	.023-	70.0	.001-	86.0	.054-*
54.5	.007-	70.5	.027-	86.5	.038-
55.0	.035-	71.0	.008-	87.0	.129-***
55.5	.016-	71.5	.020-	87.5	.104-***
56.0	.020-	72.0	.011-	88.0	.048-
56.5	.030-	72.5	.010-	88.5	.050-*
57.0	.011-	73.0	.021-	89.0	.053-*
57.5	.026-	73.5	.049-	89.5	.091-*
58.0	.020-	74.0	.067-*	90.0	.059-*
58.5	.029-	74.5	.051-*	90.5	.045-
59.0	.023-	75.0	.042-	91.0	.071-*
59.5	.033-	75.5	.080-*	91.5	.002-
60.0	.030-	76.0	.046-	92.0	.021-
60.5	.022-	76.5	.034-	92.5	.015-
61.0	.066-*	77.0	.016-	93.0	.028-
61.5	.014-	77.5	.005-	93.5	.034-
62.0	.030-	78.0	.023-	94.0	.052-*
62.5	.048-	78.5	.027-	94.5	.057-*
63.0	.037-	79.0	.066-*	95.0	.063-*
63.5	.038-	79.5	.056-*	95.5	.035-
64.0	.075-*	80.0	.092-*	96.0	.025-
64.5	.037-	80.5	.064-*	96.5	.008-
65.0	.046-	81.0	.072-*	97.0	.004-
65.5	.021-	81.5	.104-***		
66.0	.049-	82.0	.047-		

ANOMALY 2 - 141.0 TO 144.5 ; INTERPRETED AS

141.0	.011-	142.5	.062-*	144.0	0.000-
141.5	0.000-	143.0	.049-	144.5	.010-
142.0	.044-	143.5	.026-		

HOLE 061430 *W1129 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	2.0	.025	55.0	.051
	7.0	.039	59.5	.273
	3.5	.053	73.5	.185
	12.5	.066	79.0	.824
	2.5	.048	93.5	.121
	1.5	.052	142.0	.078

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 29.0 FEET,
A GRADE OF .053 (U308, AND A G*T OF 1.531 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	12.5	.066	79.0	.824

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 12.5 FEET,
A GRADE OF .066 (U308, AND A G*T OF .824 (=FT.

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

Workman Creek

1130 - 1140 -

W1130 E
10/31/80

HOLE 061419 *W1130 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 230 FEET
PROBED 217 FEET ON 7/10/80

LOCATION COLLAR ELEVATION = 6173.3 FEET
N-S COORD. = 1038129.0
E-W COORD. = 260142.7
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.520
WATER DEPTH = 4 FEET
PIPE DEPTH = 230 FEET

MAJOR LITHOLOGIC UNITS
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FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
.....

THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS
.....

CHEMISTRY	DEPTH TO TOP
.....

THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1130 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 134.0 TO 180.0 ; INTERPRETED AS

134.0	.032-	149.5	.018-	165.0	.138=**
134.5	.026-	150.0	.018-	165.5	.086=*
135.0	0.000-	150.5	.022-	166.0	.089=*
135.5	.032-	151.0	.028-	166.5	.061=*
136.0	.020-	151.5	.001-	167.0	.109=**
136.5	.018-	152.0	.035-	167.5	.101=**
137.0	.031-	152.5	.012-	168.0	.162=***
137.5	.004-	153.0	.038-	168.5	.187=***
138.0	.020-	153.5	.085=*	169.0	.168=***
138.5	.027-	154.0	.123=**	169.5	.179=***
139.0	.027-	154.5	.044-	170.0	.099=*
139.5	.042-	155.0	.207=****	170.5	.115=**
140.0	.008-	155.5	.153=***	171.0	.075=*
140.5	.027-	156.0	.152=***	171.5	.001-
141.0	.015-	156.5	.166=***	172.0	.068=*
141.5	.023-	157.0	.171=***	172.5	.077=*
142.0	.015-	157.5	.097=*	173.0	.003-
142.5	.023-	158.0	.026-	173.5	.053=*
143.0	.004-	158.5	.075=*	174.0	.075=*
143.5	.020-	159.0	.122=**	174.5	.071=*
144.0	0.000-	159.5	.074=*	175.0	.013-
144.5	.058=*	160.0	.107=**	175.5	.015-
145.0	.008-	160.5	.110=**	176.0	.024-
145.5	.056=*	161.0	.094=*	176.5	.024-
146.0	.046=*	161.5	.132=**	177.0	0.000-
146.5	.001-	162.0	.062=*	177.5	.054=*
147.0	.028-	162.5	.040-	178.0	.045-
147.5	.043-	163.0	.049-	178.5	.018-
148.0	.015-	163.5	.064=*	179.0	0.000-
148.5	.042-	164.0	.084=*	179.5	.025-
149.0	.021-	164.5	.020-	180.0	.033-

HOLE 061419 *W1130 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	3.5	.023	134.0	.080
	4.5	.033	144.5	.149
	23.0	.093	152.0	2.129
	3.0	.029	177.5	.088

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 34.0 FEET,
A GRADE OF .072 (U308, AND A G*T OF 2.445 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	21.5	.097	153.5	2.087

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 21.5 FEET,
A GRADE OF .097 (U308, AND A G*T OF 2.087 (=FT.

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	8.0	.116	154.0	.926
	6.0	.125	165.0	.747

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 14.0 FEET,
A GRADE OF .120 (U308, AND A G*T OF 1.674 (=FT.

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061419 *W1131 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 225 FEET
PROBED 215 FEET ON 7/11/80

LOCATION COLLAR ELEVATION = 6106.8 FEET
N-S COORD. = 1038375.6
E-W COORD. = 259901.5
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 170 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1131 E IS BARREN **

W1132 E
10/31/80

HOLE 061419 *W1132 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 180 FEET
PROBED 167 FEET ON 7/22/80

LOCATION COLLAR ELEVATION = 6145.6 FEET
N-S COORD. = 1038165.3
E-W COORD. = 259965.7
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.000
PIPE FACTOR = 1.000
WATER DEPTH = 5 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS
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FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS
.....

CHEMISTRY	DEPTH TO TOP
.....

THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1132 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 120.5 TO 126.5 ; INTERPRETED AS

120.5	.024-	123.0	.022-	125.5	.008-
121.0	0.000-	123.5	.015-	126.0	.014-
121.5	.042-	124.0	.030-	126.5	.020-
122.0	.006-	124.5	.022-		
122.5	.014-	125.0	.031-		

ANOMALY 2 - 134.0 TO 145.0 ; INTERPRETED AS

134.0	.031-	138.0	.006-	142.0	.011-
134.5	.010-	138.5	.034-	142.5	0.000-
135.0	0.000-	139.0	.015-	143.0	.029-
135.5	.032-	139.5	.047-	143.5	.011-
136.0	0.000-	140.0	.038-	144.0	.008-
136.5	.007-	140.5	.048-	144.5	.030-
137.0	.023-	141.0	.010-	145.0	.005-
137.5	.019-	141.5	.013-		

HOLE 061419 *W1132 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	1.5	.028	124.0	.042
	2.0	.018	134.0	.037
	2.5	.036	138.5	.091

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 6.0 FEET,
A GRADE OF .028 (U308, AND A G*T OF .169 (-FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061419 *W1133 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 205 FEET
PROBED 196 FEET ON 7/22/80

LOCATION COLLAR ELEVATION = 6161.3 FEET
N-S COORD. = 1038398.6
E-W COORD. = 259748.1
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.000
PIPE FACTOR = 1.000
WATER DEPTH = 196 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1133 E IS BARREN **

HOLE 061419 *W1134 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 325 FEET
PROBED 316 FEET ON 8/5/80

LOCATION COLLAR ELEVATION = 6259.0 FEET
N-S COORD. = 1038130.3
E-W COORD. = 260536.1
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 5 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1134 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 = 272.5 TO 297.0 ; INTERPRETED AS

272.5	.014=	281.0	.019=	289.5	.124=**
273.0	.005=	281.5	.003=	290.0	.068=*
273.5	0.000=	282.0	.014=	290.5	.209=****
274.0	.144=**	282.5	.005=	291.0	.083=*
274.5	.087=*	283.0	.011=	291.5	.167=***
275.0	.022=	283.5	.007=	292.0	.118=**
275.5	.083=*	284.0	.035=	292.5	.065=*
276.0	.047=	284.5	.160=***	293.0	.142=**
276.5	0.000=	285.0	0.000=	293.5	.007=
277.0	.019=	285.5	.098=*	294.0	.614=*****
277.5	.033=	286.0	.008=	294.5	.247=****
278.0	.043=	286.5	.036=	295.0	.101=**
278.5	.011=	287.0	.090=*	295.5	.031=
279.0	.004=	287.5	.157=***	296.0	.022=
279.5	.008=	288.0	.075=*	296.5	.005=
280.0	.016=	288.5	.108=**	297.0	.002=
280.5	.014=	289.0	.110=**		

HOLE 061419 *W1134 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	4.5	.053	274.0	.239
	12.0	.119	284.0	1.427

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 16.5 FEET,
A GRADE OF .101 (U308, AND A G*T OF 1.666 (=FT,

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	11.0	.127	284.5	1.394

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 11.0 FEET,
A GRADE OF .127 (U308, AND A G*T OF 1.394 (=FT,

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	8.0	.150	287.5	1.198

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 8.0 FEET,
A GRADE OF .150 (U308, AND A G*T OF 1.198 (=FT,

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061419 *W1135 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 365 FEET
PROBED 347 FEET ON 7/31/80

LOCATION COLLAR ELEVATION = 6257.2 FEET
N-S COORD. = 1038370.3
E-W COORD. = 260252.9
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.520
WATER DEPTH = 5 FEET
PIPE DEPTH = 365 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1135 E
10/31/80

HOLE 061419 *W1135 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 288.0 TO 292.5 ; INTERPRETED AS

288.0	.011-	290.0	0.000-	292.0	0.000-
288.5	0.000-	290.5	.146-**	292.5	.013-
289.0	.037-	291.0	.019-		
289.5	0.000-	291.5	.043-		

HOLE 061419 *W1135 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	3.0	.041	289.0	.123

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 3.0 FEET,
A GRADE OF .041 (U308, AND A G*T OF .123 (=FT,

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1136 E
10/31/80

HOLE 061419 *W1136 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 225 FEET
PROBED 211 FEET ON 7/21/80

LOCATION COLLAR ELEVATION = 6142.1 FEET
N-S COORD. = 1038787.5
E-W COORD. = 259263.0
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.000
PIPE FACTOR = 1.000
WATER DEPTH = 5 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1136 E IS BARREN **

W1137 E
10/31/80

HOLE 061419 *W1137 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 225 FEET
PROBED 210 FEET ON 7/18/80

LOCATION COLLAR ELEVATION = 6165.4 FEET
N-S COORD. = 1038964.1
E-W COORD. = 259155.0
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.000
PIPE FACTOR = 1.000
WATER DEPTH = 210 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1137 E IS BARREN **

W1138 E
10/31/80

HOLE 061419 *W1138 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 205 FEET
PROBED 190 FEET ON 7/16/80

LOCATION COLLAR ELEVATION = 6130.1 FEET
N-S COORD. = 1039759.6
E-W COORD. = 259287.6
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE: YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.520
WATER DEPTH = 190 FEET
PIPE DEPTH = 205 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1138 E
10/31/80

HOLE 061419 *W1138 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 = 168.5 TO 180.0 ; INTERPRETED AS

168.5	.009-	172.5	.049-	176.5	.013-
169.0	0.000-	173.0	.020-	177.0	.009-
169.5	.033-	173.5	.023-	177.5	.033-
170.0	.003-	174.0	.015-	178.0	.008-
170.5	0.000-	174.5	.022-	178.5	.004-
171.0	0.000-	175.0	.019-	179.0	.022-
171.5	.182-***	175.5	.089-*	179.5	0.000-
172.0	.347-*****	176.0	.132-**	180.0	.033-

HOLE 061419 *W1138 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	3.5	.088	169.5	.307
	2.5	.055	175.5	.138

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 6.0 FEET,
A GRADE OF .074 (U308, AND A G*T OF .445 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	1.0	.265	171.5	.265

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 1.0 FEET,
A GRADE OF .265 (U308, AND A G*T OF .265 (=FT.

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1139 E
10/31/80

HOLE 061419 *W1139 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 230 FEET
PROBED 218 FEET ON 7/18/80

LOCATION COLLAR ELEVATION = 6137.5 FEET
N-S COORD. = 1039634.3
E-W COORD. = 259355.1
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.000
PIPE FACTOR = 1.520
WATER DEPTH = 218 FEET
PIPE DEPTH = 230 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
-----	---	-----	-----	-----

THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1139 E IS BARREN **

W1140 E
10/31/80

HOLE 061419 *W1140 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 380 FEET
PROBED 366 FEET ON 7/23/80

LOCATION COLLAR ELEVATION = 6297.8 FEET
N-S COORD. = 1038360.1
E-W COORD. = 260431.4
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.520
WATER DEPTH = 5 FEET
PIPE DEPTH = 380 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1140 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 328.0 TO 360.0 ; INTERPRETED AS

328.0	.013=	339.0	.156=***	350.0	.082=*
328.5	0.000=	339.5	.098=*	350.5	.049=
329.0	.040=	340.0	.032=	351.0	.049=
329.5	0.000=	340.5	.168=***	351.5	.074=*
330.0	.010=	341.0	.060=*	352.0	.069=*
330.5	0.000=	341.5	.075=*	352.5	.085=*
331.0	.031=	342.0	.047=	353.0	.040=
331.5	.018=	342.5	.016=	353.5	.123=**
332.0	.018=	343.0	.069=*	354.0	.106=**
332.5	.034=	343.5	.007=	354.5	.073=*
333.0	0.000=	344.0	.042=	355.0	.048=
333.5	.013=	344.5	0.000=	355.5	.032=
334.0	.059=*	345.0	.026=	356.0	.052=*
334.5	.402=*****	345.5	0.000=	356.5	.032=
335.0	.330=*****	346.0	.158=***	357.0	.052=*
335.5	0.000=	346.5	.124=**	357.5	.067=*
336.0	0.000=	347.0	.028=	358.0	.102=**
336.5	.034=	347.5	.046=	358.5	.066=*
337.0	.057=*	348.0	.057=*	359.0	.059=*
337.5	.016=	348.5	.049=	359.5	0.000=
338.0	.068=*	349.0	.076=*	360.0	.004=
338.5	.291=*****	349.5	.069=*		

HOLE 061419 *W1140 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	30.5	.067	329.0	2.042
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 30.5 FEET,			
A GRADE OF	.067 (U308, AND A G*T OF 2.042 (=FT,			

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	9.5	.104	334.0	.989
	13.5	.069	346.0	.933
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 23.0 FEET,			
A GRADE OF	.084 (U308, AND A G*T OF 1.923 (=FT,			

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

Workman Creek

1141-1150

W1141 E
10/31/80

HOLE 061419 *W1141 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 205 FEET
PROBED 194 FEET ON 7/17/80

LOCATION COLLAR ELEVATION = 6152.7 FEET
N-S COORD. = 1039039.5
E-W COORD. = 258946.4
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.000
PIPE FACTOR = 1.000
WATER DEPTH = 194 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
-----	-----

THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1141 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 = 105.0 TO 111.0 ; INTERPRETED AS

105.0	.014-	107.5	.024-	110.0	.024-
105.5	.008-	108.0	.009-	110.5	.004-
106.0	.019-	108.5	.012-	111.0	.023-
106.5	.018-	109.0	.022-		
107.0	.022-	109.5	.015-		

ANOMALY 2 = 113.5 TO 148.0 ; INTERPRETED AS

113.5	.022-	125.5	.074-*	137.5	.040-
114.0	.009-	126.0	.049-	138.0	.048-
114.5	.018-	126.5	.069-*	138.5	.045-
115.0	.016-	127.0	.075-*	139.0	.044-
115.5	.013-	127.5	.058-*	139.5	.025-
116.0	.028-	128.0	.039-	140.0	.036-
116.5	.015-	128.5	.034-	140.5	.026-
117.0	.050-*	129.0	.048-	141.0	.083-*
117.5	.025-	129.5	.053-*	141.5	.026-
118.0	.041-	130.0	.043-	142.0	.062-*
118.5	.042-	130.5	.034-	142.5	.074-*
119.0	.037-	131.0	.033-	143.0	.135-*
119.5	.047-	131.5	.029-	143.5	.099-*
120.0	.039-	132.0	.033-	144.0	.065-*
120.5	.063-*	132.5	.045-	144.5	.054-*
121.0	.055-*	133.0	.022-	145.0	.085-*
121.5	.090-*	133.5	.033-	145.5	.110-*
122.0	.092-*	134.0	.057-*	146.0	.004-
122.5	.126-*	134.5	.053-*	146.5	.029-
123.0	.052-*	135.0	.036-	147.0	.010-
123.5	.065-*	135.5	.065-*	147.5	.015-
124.0	.145-*	136.0	.055-*	148.0	.009-
124.5	.054-*	136.5	.026-		
125.0	.059-*	137.0	.032-		

HOLE 061419 *W1141 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	29.0	.056	117.0	1.617

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 29.0 FEET,
A GRADE OF .056 (U308, AND A G*T OF 1.617 (=FT,

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	9.5	.068	120.5	.650
	5.0	.079	141.0	.397

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 14.5 FEET,
A GRADE OF .072 (U308, AND A G*T OF 1.047 (=FT,

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1142 E
10/31/80

HOLE 061419 *W1142 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 150 FEET
PROBED 140 FEET ON 7/12/80

LOCATION COLLAR ELEVATION - 6113.8 FEET
N-S COORD. - 1039491.0
E-W COORD. - 259042.8
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP -90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR - .00003070
DEAD TIME - .00000726
WATER FACTOR - 1.210
PIPE FACTOR - 1.520
WATER DEPTH - 140 FEET
PIPE DEPTH - 150 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
-----	---	-----	-----	-----

THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1142 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 = 63.5 TO 121.5 ; INTERPRETED AS

63.5	.012=	83.0	.009=	102.5	.072=*
64.0	0.000=	83.5	.005=	103.0	.007=
64.5	.024=	84.0	.031=	103.5	.020=
65.0	.022=	84.5	0.000=	104.0	.002=
65.5	.008=	85.0	.004=	104.5	.009=
66.0	.012=	85.5	.004=	105.0	.032=
66.5	.030=	86.0	.109=**	105.5	.071=*
67.0	.020=	86.5	.186=***	106.0	.001=
67.5	.055=*	87.0	.167=***	106.5	.012=
68.0	.007=	87.5	.139=**	107.0	.016=
68.5	.022=	88.0	.095=*	107.5	.005=
69.0	.029=	88.5	.106=**	108.0	.019=
69.5	.041=	89.0	.093=*	108.5	.010=
70.0	.032=	89.5	.065=*	109.0	.014=
70.5	.038=	90.0	.062=*	109.5	.010=
71.0	.029=	90.5	.087=*	110.0	.013=
71.5	.009=	91.0	.048=	110.5	.005=
72.0	.037=	91.5	.019=	111.0	.011=
72.5	.043=	92.0	.030=	111.5	0.000=
73.0	.060=*	92.5	.027=	112.0	.135=**
73.5	.036=	93.0	.046=	112.5	.040=
74.0	.016=	93.5	.011=	113.0	0.000=
74.5	.033=	94.0	.058=*	113.5	.056=*
75.0	.036=	94.5	0.000=	114.0	.016=
75.5	.076=*	95.0	.060=*	114.5	.021=
76.0	.024=	95.5	.012=	115.0	.097=*
76.5	.090=*	96.0	.003=	115.5	.092=*
77.0	.047=	96.5	.056=*	116.0	.049=
77.5	.075=*	97.0	.020=	116.5	.046=
78.0	.013=	97.5	.062=*	117.0	.018=
78.5	.064=*	98.0	.025=	117.5	.073=*
79.0	.019=	98.5	.031=	118.0	0.000=
79.5	.079=*	99.0	.030=	118.5	.064=*
80.0	.031=	99.5	.058=*	119.0	.040=
80.5	.007=	100.0	.042=	119.5	.043=
81.0	.011=	100.5	.040=	120.0	.046=
81.5	.012=	101.0	.026=	120.5	.004=
82.0	.007=	101.5	.082=*	121.0	0.000=
82.5	.017=	102.0	.023=	121.5	.005=

HOLE 061419 *W1142 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	14.0	.039	66.5	.545
	19.0	.053	84.0	1.015
	1.0	.052	105.0	.052
	8.5	.049	112.0	.418

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 42.5 FEET,
A GRADE OF .048 (U308, AND A G*T OF 2.030 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	5.0	.111	86.0	.555
	9.0	.039	94.0	.350
	7.0	.051	112.0	.354

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 21.0 FEET,
A GRADE OF .060 (U308, AND A G*T OF 1.258 (=FT.

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061419 *W1143 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 152 FEET
PROBED 146 FEET ON 7/12/80

LOCATION COLLAR ELEVATION = 6093.3 FEET
N-S COORD. = 1039785.1
E-W COORD. = 259088.9
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K=FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 146 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS
.....

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
.....

THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS
.....

CHEMISTRY	DEPTH TO TOP
.....

THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1143 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 = 70.5 TO 116.0 ; INTERPRETED AS

70.5	.016=	86.0	.005=	101.5	.013=
71.0	.003=	86.5	.437=*****	102.0	.021=
71.5	.041=	87.0	0.000=	102.5	.031=
72.0	.013=	87.5	.063=*	103.0	.039=
72.5	.100=**	88.0	.674=*****	103.5	.059=*
73.0	.232=*****	88.5	0.000=	104.0	.096=*
73.5	.021=	89.0	.154=***	104.5	.104=**
74.0	.088=*	89.5	.050=*	105.0	.050=*
74.5	.091=*	90.0	.053=*	105.5	.038=
75.0	.073=*	90.5	.024=	106.0	.059=*
75.5	.002=	91.0	.046=	106.5	.040=
76.0	.166=***	91.5	.047=	107.0	.069=*
76.5	.091=*	92.0	.059=*	107.5	.052=*
77.0	0.000=	92.5	.038=	108.0	.095=*
77.5	.010=	93.0	.070=*	108.5	.065=*
78.0	.011=	93.5	.038=	109.0	.068=*
78.5	.046=	94.0	.047=	109.5	.022=
79.0	.055=*	94.5	.023=	110.0	.120=**
79.5	.034=	95.0	.063=*	110.5	.018=
80.0	.018=	95.5	.070=*	111.0	.041=
80.5	.044=	96.0	.049=	111.5	.117=**
81.0	.042=	96.5	.039=	112.0	.091=*
81.5	.281=*****	97.0	.031=	112.5	.095=*
82.0	.121=**	97.5	.027=	113.0	0.000=
82.5	.044=	98.0	.041=	113.5	.031=
83.0	.079=*	98.5	.008=	114.0	.026=
83.5	.097=*	99.0	.011=	114.5	.038=
84.0	.102=**	99.5	.030=	115.0	.033=
84.5	.110=**	100.0	.023=	115.5	.005=
85.0	.156=***	100.5	.016=	116.0	.013=
85.5	.048=	101.0	.043=		

HOLE 061419 *W1143 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	44.0	.068	71.5	3.013

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 44.0 FEET,
A GRADE OF .068 (U308, AND A G*T OF 3.013 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	4.5	.096	72.5	.432
	14.5	.103	81.5	1.500
	9.5	.068	103.5	.649

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 28.5 FEET,
A GRADE OF .091 (U308, AND A G*T OF 2.581 (=FT.

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	8.0	.148	81.5	1.186

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 8.0 FEET,
A GRADE OF .148 (U308, AND A G*T OF 1.186 (=FT.

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	4.5	.171	85.0	.769

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 4.5 FEET,
A GRADE OF .171 (U308, AND A G*T OF .769 (=FT.

HOLE 061419 *W1144 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 130 FEET
PROBED 118 FEET ON 7/14/80

LOCATION COLLAR ELEVATION = 6052.3 FEET
N-S COORD. = 1039761.3
E-W COORD. = 258897.7
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.000
PIPE FACTOR = 1.000
WATER DEPTH = 118 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1144 E
10/31/80

HOLE 061419 *W1144 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 39.0 TO 45.5 ; INTERPRETED AS

39.0	.008-	41.5	.049-	44.0	.002-
39.5	.013-	42.0	.057-*	44.5	.031-
40.0	.020-	42.5	.007-	45.0	0.000-
40.5	.061-*	43.0	.007-	45.5	.013-
41.0	.042-	43.5	.028-		

HOLE 061419 *W1144 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	2.0	.052	40.5	.105
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 2.0 FEET,			
A GRADE OF .052 (U308,	AND A G*T OF .105 (FT.			

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1145 E
10/31/80

HOLE 061419 *W1145 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 120 FEET
PROBED 111 FEET ON 7/16/80

LOCATION COLLAR ELEVATION = 6057.7 FEET
N-S COORD. = 1039637.9
E-W COORD. = 258964.8
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 111 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1145 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 24.0 TO 61.5 ; INTERPRETED AS

24.0	.006-	37.0	.039-	50.0	.043-
24.5	0.000-	37.5	.032-	50.5	.032-
25.0	.019-	38.0	.019-	51.0	.025-
25.5	.008-	38.5	.041-	51.5	.040-
26.0	.016-	39.0	.013-	52.0	.009-
26.5	0.000-	39.5	.043-	52.5	.030-
27.0	.033-	40.0	.019-	53.0	.038-
27.5	0.000-	40.5	.015-	53.5	.021-
28.0	.014-	41.0	.038-	54.0	.192=***
28.5	.010-	41.5	.045-	54.5	.015-
29.0	.026-	42.0	.043-	55.0	.123=**
29.5	.035-	42.5	.045-	55.5	.212=****
30.0	.023-	43.0	.120=**	56.0	.105=**
30.5	.041-	43.5	.027-	56.5	.426=*****
31.0	.003-	44.0	.051=*	57.0	.302=*****
31.5	.048-	44.5	.049-	57.5	.049-
32.0	.009-	45.0	.171=***	58.0	.113=**
32.5	.023-	45.5	.153=***	58.5	.041-
33.0	.039-	46.0	.114=**	59.0	.025-
33.5	.054=*	46.5	.114=**	59.5	.042-
34.0	.133=**	47.0	.051=*	60.0	.055=*
34.5	.128=**	47.5	.068=*	60.5	.020-
35.0	.026-	48.0	.067=*	61.0	.002-
35.5	.051=*	48.5	.119=**	61.5	.017-
36.0	.039-	49.0	.043-		
36.5	.049-	49.5	.071=*		

HOLE 061419 *W1145 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	31.0	.069	29.5	2.124

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 31.0 FEET,
A GRADE OF .069 (U308, AND A G*T OF 2.124 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	7.0	.087	43.0	.609
	6.5	.131	54.0	.850

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 13.5 FEET,
A GRADE OF .108 (U308, AND A G*T OF 1.459 (=FT.

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	6.0	.092	43.0	.552
	4.5	.171	54.0	.769

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 10.5 FEET,
A GRADE OF .126 (U308, AND A G*T OF 1.321 (=FT.

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061419 *W1146 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 130 FEET
PROBED 119 FEET ON 7/15/80

LOCATION COLLAR ELEVATION = 6047.5 FEET
N-S COORD. = 1039263.2
E-W COORD. = 258921.2
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.000
PIPE FACTOR = 1.000
WATER DEPTH = 119 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1146 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 5.0 TO 16.0 ; INTERPRETED AS

5.0	.004-	9.0	.039-	13.0	.019-
5.5	.007-	9.5	0.000-	13.5	.009-
6.0	.024-	10.0	.037-	14.0	.009-
6.5	.031-	10.5	.017-	14.5	0.000-
7.0	.019-	11.0	.020-	15.0	.033-
7.5	.027-	11.5	.014-	15.5	.001-
8.0	.022-	12.0	.031-	16.0	.033-
8.5	.012-	12.5	.010-		

HOLE 061419 *W1146 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	3.5	.023	9.0	.079
	1.5	.022	15.0	.034

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 5.0 FEET,
A GRADE OF .023 (U3O8, AND A G*T OF .113 (=FT,

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1147 E
10/31/80

HOLE 061419 *W1147 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 95 FEET
PROBED 85 FEET ON 7/10/80

LOCATION COLLAR ELEVATION = 6070.1 FEET
N-S COORD. = 1039285.7
E-W COORD. = 258712.5
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 69 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1147 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 23.0 TO 30.5 ; INTERPRETED AS

23.0	.018-	26.0	.009-	29.0	.029-
23.5	0.000-	26.5	.022-	29.5	.020-
24.0	.034-	27.0	.020-	30.0	.009-
24.5	0.000-	27.5	.011-	30.5	.014-
25.0	.017-	28.0	.018-		
25.5	.012-	28.5	.030-		

ANOMALY 2 - 38.0 TO 46.0 ; INTERPRETED AS

38.0	.015-	41.0	.018-	44.0	.010-
38.5	.006-	41.5	.041-	44.5	0.000-
39.0	.016-	42.0	.015-	45.0	.033-
39.5	.087-*	42.5	.003-	45.5	.004-
40.0	.011-	43.0	.009-	46.0	.008-
40.5	.051-*	43.5	.008-		

W1147 E
10/31/80

HOLE 061419 *W1147 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	2.5	.042	39.5	.104

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 2.5 FEET,
A GRADE OF .042 (U308, AND A G*T OF .104 (=FT,

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061419 *W1148 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 120 FEET
PROBED 108 FEET ON 7/10/80

LOCATION COLLAR ELEVATION = 6094.9 FEET
N-S COORD. = 1039137.7
E-W COORD. = 258670.9
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 108 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1148 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 = 40.0 TO 57.5 ; INTERPRETED AS

40.0	.006-	46.0	.002-	52.0	.064-*
40.5	.006-	46.5	.032-	52.5	.100-**
41.0	.009-	47.0	.002-	53.0	.002-
41.5	.037-	47.5	.012-	53.5	.042-
42.0	.066-*	48.0	.002-	54.0	.026-
42.5	.062-*	48.5	.019-	54.5	.022-
43.0	.032-	49.0	0.000-	55.0	.012-
43.5	.024-	49.5	.028-	55.5	.005-
44.0	.020-	50.0	.002-	56.0	.023-
44.5	.013-	50.5	.045-	56.5	.023-
45.0	.009-	51.0	.033-	57.0	.002-
45.5	.010-	51.5	.060-*	57.5	.013-

HOLE 061419 *W1148 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	2.0	.049	41.5	.099
	3.5	.049	50.5	.173

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 5.5 FEET,
A GRADE OF .049 (U308, AND A G*T OF .272 (=FT,

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1149 E
10/31/80

HOLE 061419 *W1149 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 145 FEET
PROBED 137 FEET ON 7/10/80

LOCATION COLLAR ELEVATION = 6105.3 FEET
N-S COORD. = 1038978.3
E-W COORD. = 258746.5
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K=FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 137 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1149 E IS BARREN **

HOLE 061419 *W1150 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 188 FEET
PROBED 167 FEET ON 7/11/80

LOCATION COLLAR ELEVATION = 6145.8 FEET
N-S COORD. = 1038805.7
E-W COORD. = 259059.1
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.520
WATER DEPTH = 1 FEET
PIPE DEPTH = 188 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1150 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 112.5 TO 142.5 ; INTERPRETED AS

112.5	.009=	123.0	.084=*	133.5	.184=***
113.0	0.000=	123.5	.133=**	134.0	.049=
113.5	.039=	124.0	.085=*	134.5	.314=*****
114.0	.004=	124.5	.107=**	135.0	.263=*****
114.5	.021=	125.0	.052=*	135.5	.070=*
115.0	.025=	125.5	.076=*	136.0	.150=***
115.5	.005=	126.0	.066=*	136.5	.359=*****
116.0	.109=**	126.5	.127=**	137.0	.643=*****
116.5	.123=**	127.0	.137=**	137.5	1.422=*****
117.0	.026=	127.5	.131=**	138.0	.923=*****
117.5	.095=*	128.0	.107=**	138.5	0.000=
118.0	.063=*	128.5	.226=*****	139.0	1.347=*****
118.5	.096=*	129.0	.378=*****	139.5	1.679=*****
119.0	.093=*	129.5	.241=*****	140.0	0.000=
119.5	.014=	130.0	.217=*****	140.5	.240=*****
120.0	.031=	130.5	.285=*****	141.0	.020=
120.5	.033=	131.0	.501=*****	141.5	.037=
121.0	.064=*	131.5	.265=*****	142.0	0.000=
121.5	.041=	132.0	.231=*****	142.5	.003=
122.0	.014=	132.5	.084=*		
122.5	.101=**	133.0	.128=**		

HOLE 061419 *W1150 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
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	26.0	.236	116.0	6.132

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 26.0 FEET,
A GRADE OF .236 (U308, AND A G*T OF 6.132 (=FT,

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	25.0	.244	116.0	6.103

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 25.0 FEET,
A GRADE OF .244 (U308, AND A G*T OF 6.103 (=FT,

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	18.5	.308	122.5	5.702

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 18.5 FEET,
A GRADE OF .308 (U308, AND A G*T OF 5.702 (=FT,

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	12.5	.408	128.5	5.099

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 12.5 FEET,
A GRADE OF .408 (U308, AND A G*T OF 5.099 (=FT,

Workman Creek
1151-1160

W1151 E
10/31/80

HOLE 061419 *W1151 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 130 FEET
PROBED 106 FEET ON 7/18/80

LOCATION COLLAR ELEVATION = 6112.5 FEET
N-S COORD, = 1036697.4
E-W COORD, = 260144.2
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = -90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 4 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1151 E IS BARREN **

W1152 E
10/31/80

HOLE 061419 *W1152 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 150 FEET
PROBED 131 FEET ON 7/18/80

LOCATION COLLAR ELEVATION = 6123.7 FEET
N-S COORD. = 1036886.0
E-W COORD. = 260180.5
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 5 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1152 E IS BARREN **

HOLE 061419 *W1153 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 275 FEET
PROBED 264 FEET ON 7/17/80

LOCATION COLLAR ELEVATION = 6105.7 FEET
N-S COORD. = 1036922.2
E-W COORD. = 259989.9
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.520
WATER DEPTH = 217 FEET
PIPE DEPTH = 275 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
*****	---	*****	*****	*****

THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
*****	*****

THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1153 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 = 98.0 TO 108.0 ; INTERPRETED AS

98.0	.039-	101.5	.014-	105.0	.019-
98.5	.011-	102.0	.054-*	105.5	.027-
99.0	.006-	102.5	.022-	106.0	.019-
99.5	.043-	103.0	.054-*	106.5	.019-
100.0	.009-	103.5	.008-	107.0	.001-
100.5	.024-	104.0	.015-	107.5	.035-
101.0	.018-	104.5	.013-	108.0	0.000-

HOLE 061419 *W1153 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	2.0	.025	98.0	.050
	1.5	.043	102.0	.065

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 3.5 FEET,
A GRADE OF .033 (U308, AND A G*T OF .115 (=FT,

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1154 E
10/31/80

HOLE 061419 *W1154 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 130 FEET
PROBED 116 FEET ON 7/21/80

LOCATION COLLAR ELEVATION = 6088.8 FEET
N-S COORD. = 1036930.5
E-W COORD. = 259843.5
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.520
WATER DEPTH = 4 FEET
PIPE DEPTH = 130 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1154 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 78.5 TO 106.0 ; INTERPRETED AS

78.5	.012=	88.0	.116=**	97.5	.160=***
79.0	0.000=	88.5	.009=	98.0	.126=**
79.5	.041=	89.0	.208=****	98.5	.118=**
80.0	0.000=	89.5	.141=**	99.0	.002=
80.5	.012=	90.0	.187=***	99.5	.015=
81.0	.019=	90.5	.122=**	100.0	.018=
81.5	.019=	91.0	.157=***	100.5	.015=
82.0	.021=	91.5	.079=*	101.0	.016=
82.5	.010=	92.0	.252=*****	101.5	.027=
83.0	.002=	92.5	.139=**	102.0	0.000=
83.5	.061=*	93.0	.110=**	102.5	.053=*
84.0	.046=	93.5	.057=*	103.0	.014=
84.5	.041=	94.0	.065=*	103.5	.032=
85.0	.056=*	94.5	.058=*	104.0	.044=
85.5	.108=**	95.0	0.000=	104.5	.010=
86.0	.067=*	95.5	0.000=	105.0	.012=
86.5	.052=*	96.0	.078=*	105.5	.012=
87.0	.088=*	96.5	.070=*	106.0	.017=
87.5	.053=*	97.0	.039=		

HOLE 061419 *W1154 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	15.5	.092	83.5	1.432
	2.0	.036	102.5	.072

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 17.5 FEET,
A GRADE OF .086 (U308, AND A G*T OF 1.503 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	15.5	.092	83.5	1.432

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 15.5 FEET,
A GRADE OF .092 (U308, AND A G*T OF 1.432 (=FT.

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	5.5	.138	88.0	.760

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 5.5 FEET,
A GRADE OF .138 (U308, AND A G*T OF .760 (=FT.

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061419 *W1155 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 510 FEET
PROBED 500 FEET ON 7/31/80

LOCATION COLLAR ELEVATION = 6419.2 FEET
N-S COORD. = 1039072.9
E-W COORD. = 260233.4
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003150
DEAD TIME = .00000160
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 468 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
-----	---	-----	-----	-----

THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1155 E IS BARREN **

HOLE 061419 *W1156 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 235 FEET
PROBED 226 FEET ON 7/12/80

LOCATION COLLAR ELEVATION = 6190.2 FEET
N-S COORD. = 1037121.1
E-W COORD. = 260151.3
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 100 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1156 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 104.0 TO 130.0 ; INTERPRETED AS

104.0	.029-	113.0	.050-*	122.0	.042-
104.5	.016-	113.5	.036-	122.5	.039-
105.0	.008-	114.0	.042-	123.0	.037-
105.5	.021-	114.5	.051-*	123.5	.051-*
106.0	.011-	115.0	.064-*	124.0	.052-*
106.5	.024-	115.5	.061-*	124.5	.023-
107.0	.028-	116.0	.128-**	125.0	.023-
107.5	0.000-	116.5	.073-*	125.5	.027-
108.0	.033-	117.0	.034-	126.0	.014-
108.5	.015-	117.5	.071-*	126.5	.020-
109.0	.016-	118.0	.084-*	127.0	.018-
109.5	.017-	118.5	.034-	127.5	.023-
110.0	.031-	119.0	.024-	128.0	.013-
110.5	.026-	119.5	.040-	128.5	.013-
111.0	.030-	120.0	.056-*	129.0	.023-
111.5	.010-	120.5	.075-*	129.5	.011-
112.0	.071-*	121.0	.035-	130.0	.023-
112.5	.014-	121.5	.050-*		

ANOMALY 2 - 154.0 TO 169.5 ; INTERPRETED AS

154.0	.011-	159.5	.009-	165.0	.031-
154.5	.038-	160.0	.004-	165.5	.036-
155.0	.003-	160.5	.055-*	166.0	.030-
155.5	.012-	161.0	.031-	166.5	.019-
156.0	.022-	161.5	.034-	167.0	.070-*
156.5	.007-	162.0	.034-	167.5	.060-*
157.0	.034-	162.5	.028-	168.0	.019-
157.5	.002-	163.0	.020-	168.5	.014-
158.0	.030-	163.5	.029-	169.0	.010-
158.5	.013-	164.0	.016-	169.5	.020-
159.0	.047-	164.5	.031-		

HOLE 061419 *W1156 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
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	16.5	.045	108.0	.746
	5.5	.027	157.0	.147
	3.5	.040	164.5	.139

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 25.5 FEET,
A GRADE OF .040 (U308, AND A G*T OF 1.031 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	12.5	.053	112.0	.657

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 12.5 FEET,
A GRADE OF .053 (U308, AND A G*T OF .657 (=FT.

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061419 *W1157 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 230 FEET
PROBED 220 FEET ON 7/22/80

LOCATION COLLAR ELEVATION = 6193.1 FEET
N-S COORD. = 1037399.6
E-W COORD. = 260518.2
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 5 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
-----	-----

THERE ARE NO CHEMICAL UNITS RECORDED

W1157 E
10/31/80

HOLE 061419 *W1157 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 208.5 TO 211.5 ; INTERPRETED AS

208.5	.024-	210.0	.018-	211.5	.006-
209.0	0.000-	210.5	.044-		
209.5	.042-	211.0	.004-		

HOLE 061419 *W1157 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	1.5	.035	209.5	.052

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 1.5 FEET,
A GRADE OF .035 (U3O8, AND A G*T OF .052 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1158 E
10/31/80

HOLE 061419 *W1158 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 265 FEET
PROBED 256 FEET ON 7/25/80

LOCATION COLLAR ELEVATION = 6226.3 FEET
N-S COORD. = 1037840.1
E-W COORD. = 260396.7
COORDINATES ARE APPROXIMATE
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 20 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1158 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 188.0 TO 198.0 ; INTERPRETED AS

188.0	.028-	191.5	.024-	195.0	.027-
188.5	.008-	192.0	.012-	195.5	.042-
189.0	.027-	192.5	.029-	196.0	.012-
189.5	.024-	193.0	.067-*	196.5	.038-
190.0	.015-	193.5	.005-	197.0	.012-
190.5	.014-	194.0	.066-*	197.5	.025-
191.0	.015-	194.5	.038-	198.0	.021-

ANOMALY 2 - 206.0 TO 246.5 ; INTERPRETED AS

206.0	.024-	220.0	.045-	234.0	.074-*
206.5	.020-	220.5	.095**	234.5	.022-
207.0	.027-	221.0	.070**	235.0	.009-
207.5	.012-	221.5	.068**	235.5	.024-
208.0	.015-	222.0	.128***	236.0	0.000-
208.5	.020-	222.5	.120***	236.5	.307*****
209.0	.015-	223.0	0.000-	237.0	.211*****
209.5	.013-	223.5	.015-	237.5	.019-
210.0	.026-	224.0	.035-	238.0	.123**
210.5	.020-	224.5	.081**	238.5	.087**
211.0	.033-	225.0	.078**	239.0	.678*****
211.5	.102***	225.5	.070**	239.5	.006-
212.0	.097**	226.0	.011-	240.0	.074**
212.5	.236*****	226.5	.112**	240.5	.078**
213.0	.093**	227.0	.047-	241.0	0.000-
213.5	.358*****	227.5	.067**	241.5	.110**
214.0	.005-	228.0	.051**	242.0	.095**
214.5	.036-	228.5	0.000-	242.5	.037-
215.0	.101**	229.0	.072**	243.0	.019-
215.5	.046-	229.5	.011-	243.5	.040-
216.0	.044-	230.0	.059**	244.0	.030-
216.5	.037-	230.5	.068**	244.5	.043-
217.0	.082**	231.0	.053**	245.0	.038-
217.5	.069**	231.5	.050**	245.5	.049-
218.0	.084**	232.0	.058**	246.0	0.000-
218.5	.057**	232.5	.043-	246.5	.025-
219.0	.089**	233.0	.046-		
219.5	.022-	233.5	.042-		

HOLE 061419 *W1158 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
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	4.0	.037	193.0	.148
	23.5	.069	211.0	1.630
	9.5	.108	236.5	1.022
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 37.0 FEET,			
A GRADE OF	.076 (U308, AND A G*T OF 2.799 (=FT.			

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	23.0	.070	211.5	1.614
	6.0	.149	236.5	.894
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 29.0 FEET,			
A GRADE OF	.086 (U308, AND A G*T OF 2.507 (=FT.			

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	4.0	.129	211.5	.514
	3.0	.238	236.5	.713
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 7.0 FEET,			
A GRADE OF	.175 (U308, AND A G*T OF 1.227 (=FT.			

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1159 E
10/31/80

HOLE 061419 *W1159 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 240 FEET
PROBED 228 FEET ON 7/25/80

LOCATION COLLAR ELEVATION = 6196.6 FEET
N-S COORD. = 1037931.8
E-W COORD. = 260331.9
COORDINATES ARE APPROXIMATE
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 127 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1159 E
10/31/80

HOLE 061419 *W1159 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 191.0 TO 195.5 ; INTERPRETED AS

191.0	.018-	193.0	.028-	195.0	0.000-
191.5	.004-	193.5	.049-	195.5	.022-
192.0	.035-	194.0	.010-		
192.5	0.000-	194.5	.032-		

HOLE 061419 *W1159 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
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	3.0	.026	192.0	.077

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 3.0 FEET,
A GRADE OF .026 (U308, AND A G*T OF .077 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1160 E
10/31/80

HOLE 061419 *W1160 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 235 FEET
PROBED 220 FEET ON 7/14/80

LOCATION COLLAR ELEVATION = 6184.8 FEET
N-S COORD. = 1037673.1
E-W COORD. = 260238.4
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 95 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1160 E
10/31/80

HOLE 061419 *W1160 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 131.5 TO 140.5 ; INTERPRETED AS

131.5	.006-	135.0	.042-	138.5	.060-*
132.0	0.000-	135.5	.021-	139.0	.016-
132.5	.026-	136.0	.017-	139.5	.024-
133.0	.002-	136.5	.018-	140.0	.002-
133.5	.011-	137.0	.052-*	140.5	.025-
134.0	.049-	137.5	.023-		
134.5	.011-	138.0	.046-		

HOLE 061419 *W1160 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
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	5.0	.034	134.0	.170

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 5.0 FEET,
A GRADE OF .034 (U308, AND A G*T OF .170 (=FT,

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GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

Workman Creek
1161-1170

W1161 E
10/31/80

HOLE 061419 *W1161 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 155 FEET
PROBED 140 FEET ON 7/14/80

LOCATION COLLAR ELEVATION = 6146.9 FEET
N-S COORD. = 1037396.7
E-W COORD. = 259966.5
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.210
PIPE FACTOR = 1.520
WATER DEPTH = 140 FEET
PIPE DEPTH = 155 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
-----	-----

THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1161 E IS BARREN **

HOLE 061419 *W1162 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 150 FEET
PROBED 142 FEET ON 7/15/80

LOCATION COLLAR ELEVATION = 6066.6 FEET
N-S COORD. = 1037742.6
E-W COORD. = 259828.4
COORDINATES ARE APPROXIMATE
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 36 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1162 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 48.5 TO 64.0 ; INTERPRETED AS

48.5	.017-	54.0	.007-	59.5	.050-*
49.0	0.000-	54.5	.050-*	60.0	.038-
49.5	.036-	55.0	.092-*	60.5	.036-
50.0	.008-	55.5	.084-*	61.0	.008-
50.5	.008-	56.0	.032-	61.5	.016-
51.0	.049-	56.5	.106-**	62.0	0.000-
51.5	0.000-	57.0	.001-	62.5	.037-
52.0	.063-*	57.5	.052-*	63.0	0.000-
52.5	.025-	58.0	.013-	63.5	.036-
53.0	.082-*	58.5	.059-*	64.0	.010-
53.5	.053-*	59.0	.001-		

ANOMALY 2 - 80.0 TO 86.5 ; INTERPRETED AS

80.0	.012-	82.5	.023-	85.0	0.000-
80.5	.033-	83.0	.014-	85.5	.036-
81.0	.008-	83.5	.018-	86.0	.001-
81.5	.004-	84.0	.029-	86.5	.020-
82.0	.029-	84.5	.045-		

ANOMALY 3 - 89.0 TO 105.5 ; INTERPRETED AS

89.0	.023-	95.0	.038-	101.0	.018-
89.5	0.000-	95.5	.067-*	101.5	.090-*
90.0	.040-	96.0	.107-***	102.0	.085-*
90.5	.004-	96.5	.073-*	102.5	.057-*
91.0	.007-	97.0	.104-***	103.0	.068-*
91.5	.031-	97.5	.161-***	103.5	.055-*
92.0	.014-	98.0	.061-*	104.0	.002-
92.5	.008-	98.5	.132-*	104.5	.036-
93.0	.021-	99.0	.078-*	105.0	0.000-
93.5	.007-	99.5	.070-*	105.5	.019-
94.0	.043-	100.0	.099-*		
94.5	.050-*	100.5	.146-*		

ANOMALY 4 - 109.0 TO 111.0 ; INTERPRETED AS

109.0	.015-	110.0	.022-	111.0	.022-
109.5	.002-	110.5	.010-		

HOLE 061419 *W1162 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	14.5	.036	49.5	.521
	1.5	.027	84.5	.041
	2.0	.021	90.0	.041
	11.0	.075	94.0	.820

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 29.0 FEET,
A GRADE OF .049 (U308, AND A G*T OF 1.423 (-FT,

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	8.0	.048	52.0	.385
	9.5	.082	94.5	.779

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 17.5 FEET,
A GRADE OF .067 (U308, AND A G*T OF 1.165 (-FT,

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	5.0	.103	96.0	.515

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 5.0 FEET,
A GRADE OF .103 (U308, AND A G*T OF .515 (-FT,

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061419 *W1163 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 180 FEET
PROBED 169 FEET ON 7/16/80

LOCATION COLLAR ELEVATION = 6143.5 FEET
N-S COORD. = 1037350.6
E-W COORD. = 260370.1
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 45 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1163 E
10/31/80

HOLE 061419 *W1163 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 110.5 TO 123.5 ; INTERPRETED AS

110.5	.014-	115.0	.051-*	119.5	.040-
111.0	0.000-	115.5	.018-	120.0	.023-
111.5	.059-*	116.0	.016-	120.5	.030-
112.0	.026-	116.5	.014-	121.0	.011-
112.5	.024-	117.0	.019-	121.5	.032-
113.0	.032-	117.5	.018-	122.0	.023-
113.5	0.000-	118.0	.029-	122.5	.039-
114.0	.063-*	118.5	.009-	123.0	0.000-
114.5	.008-	119.0	.025-	123.5	.013-

HOLE 061419 *W1163 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	4.0	.033	111.5	.132
	3.5	.028	119.5	.099

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 7.5 FEET,
A GRADE OF .031 (U308, AND A G*T OF .231 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061419 *W1164 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 180 FEET
PROBED 170 FEET ON 7/15/80

LOCATION COLLAR ELEVATION = 6147.8 FEET
N-S COORD. = 1037490.3
E-W COORD. = 260182.8
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 170 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1164 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 96.5 TO 109.0 ; INTERPRETED AS

96.5	.014-	101.0	.026-	105.5	.061-*
97.0	.006-	101.5	.018-	106.0	.051-*
97.5	.017-	102.0	.013-	106.5	.093-*
98.0	.042-	102.5	.046-	107.0	.007-
98.5	0.000-	103.0	.012-	107.5	.011-
99.0	.030-	103.5	.012-	108.0	.028-
99.5	.032-	104.0	.064-*	108.5	.001-
100.0	.008-	104.5	.031-	109.0	.013-
100.5	.030-	105.0	.037-		

ANOMALY 2 - 119.0 TO 135.0 ; INTERPRETED AS

119.0	.018-	124.5	.389-*****	130.0	.222-*****
119.5	.002-	125.0	.180-****	130.5	.207-*****
120.0	0.000-	125.5	.357-*****	131.0	.231-*****
120.5	.108-**	126.0	.136-***	131.5	.195-***
121.0	.113-***	126.5	.270-*****	132.0	.152-***
121.5	.066-*	127.0	.124-***	132.5	.291-*****
122.0	.003-	127.5	.499-*****	133.0	.287-*****
122.5	.140-***	128.0	.272-*****	133.5	.232-*****
123.0	.138-***	128.5	.266-*****	134.0	0.000-
123.5	.198-***	129.0	.366-*****	134.5	0.000-
124.0	.295-*****	129.5	.357-*****	135.0	.014-

ANOMALY 3 - 137.5 TO 146.0 ; INTERPRETED AS

137.5	.015-	140.5	.015-	143.5	.010-
138.0	.009-	141.0	.058-*	144.0	.006-
138.5	0.000-	141.5	.044-	144.5	.004-
139.0	.046-	142.0	.003-	145.0	.016-
139.5	.057-*	142.5	.028-	145.5	.010-
140.0	.019-	143.0	.003-	146.0	.017-

HOLE 061419 *W1164 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
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	9.0	.034	98.0	.303
	13.5	.226	120.5	3.047
	3.0	.040	139.0	.120

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 25.5 FEET,
A GRADE OF .136 (U308, AND A G*T OF 3.469 (-FT,

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	13.5	.226	120.5	3.047

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 13.5 FEET,
A GRADE OF .226 (U308, AND A G*T OF 3.047 (-FT,

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	13.5	.226	120.5	3.047

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 13.5 FEET,
A GRADE OF .226 (U308, AND A G*T OF 3.047 (-FT,

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
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	10.5	.263	123.5	2.763

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 10.5 FEET,
A GRADE OF .263 (U308, AND A G*T OF 2.763 (-FT,

HOLE 061419 *W1165 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 160 FEET
PROBED 152 FEET ON 7/ 9/80

LOCATION COLLAR ELEVATION = 6120.8 FEET
N-S COORD, = 1037922.0
E-W COORD, = 260116.5
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP =90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 36 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1165 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 38.5 TO 54.0 ; INTERPRETED AS

38.5	.018-	44.0	.034-	49.5	.010-
39.0	0.000-	44.5	.004-	50.0	.022-
39.5	.040-	45.0	.015-	50.5	.013-
40.0	.002-	45.5	.014-	51.0	.032-
40.5	.015-	46.0	.005-	51.5	.018-
41.0	.002-	46.5	.028-	52.0	.022-
41.5	.022-	47.0	.025-	52.5	.026-
42.0	.016-	47.5	.008-	53.0	.012-
42.5	.032-	48.0	.050-*	53.5	.009-
43.0	.026-	48.5	0.000-	54.0	.037-
43.5	.011-	49.0	.033-		

ANOMALY 2 - 62.0 TO 130.0 ; INTERPRETED AS

62.0	.024-	85.0	.028-	108.0	.040-
62.5	.015-	85.5	.023-	108.5	.043-
63.0	.016-	86.0	.029-	109.0	.039-
63.5	.017-	86.5	.019-	109.5	.034-
64.0	.025-	87.0	.055-*	110.0	.089-*
64.5	.016-	87.5	.015-	110.5	.065-*
65.0	.009-	88.0	.026-	111.0	.263-*****
65.5	.045-	88.5	.045-	111.5	.234-****
66.0	.017-	89.0	.029-	112.0	.439-*****
66.5	.023-	89.5	.013-	112.5	.353-*****
67.0	.023-	90.0	.055-*	113.0	.214-****
67.5	.031-	90.5	.009-	113.5	.093-*
68.0	.005-	91.0	.052-*	114.0	.067-*
68.5	.045-	91.5	.025-	114.5	.072-*
69.0	.016-	92.0	.022-	115.0	.055-*
69.5	.023-	92.5	.038-	115.5	.061-*
70.0	.027-	93.0	.030-	116.0	.079-*
70.5	.021-	93.5	.040-	116.5	.042-
71.0	.026-	94.0	.023-	117.0	.048-
71.5	.020-	94.5	.037-	117.5	.187-****
72.0	.030-	95.0	.026-	118.0	.320-*****
72.5	.020-	95.5	.041-	118.5	.208-****
73.0	.024-	96.0	.027-	119.0	.099-*
73.5	.028-	96.5	.032-	119.5	.073-*
74.0	.027-	97.0	.034-	120.0	.110-**
74.5	.020-	97.5	.038-	120.5	.175-****
75.0	.028-	98.0	.031-	121.0	.909-*****
75.5	.030-	98.5	.040-	121.5	.525-*****
76.0	.023-	99.0	.031-	122.0	.404-*****
76.5	.036-	99.5	.057-*	122.5	.309-*****
77.0	.026-	100.0	.074-*	123.0	.426-*****
77.5	.026-	100.5	.261-*****	123.5	.198-***
78.0	.026-	101.0	.080-*	124.0	0.000-
78.5	.020-	101.5	.166-***	124.5	.053-*
79.0	.027-	102.0	.105-**	125.0	.333-*****

79.5	.024=	102.5	.070=*	125.5	.165=***
80.0	.026=	103.0	.025=	126.0	.050=*
80.5	.01=	103.5	.080=*	126.5	.006=
81.0	.026=	104.0	.029=	127.0	.008=
81.5	.022=	104.5	.072=*	127.5	.052=*
82.0	.030=	105.0	.051=*	128.0	0.000=
82.5	.009=	105.5	.098=*	128.5	.033=
83.0	.055=*	106.0	.045=	129.0	.012=
83.5	.021=	106.5	.047=	129.5	.012=
84.0	.022=	107.0	.038=	130.0	.030=
84.5	.029=	107.5	.038=		

ANOMALY 3 - 142.0 TO 150.5 ; INTERPRETED AS

142.0	.042=	145.0	.025=	148.0	.024=
142.5	0.000=	145.5	.012=	148.5	.024=
143.0	.021=	146.0	.017=	149.0	.003=
143.5	.013=	146.5	.030=	149.5	.037=
144.0	.018=	147.0	.030=	150.0	.004=
144.5	.016=	147.5	.021=	150.5	.017=

HOLE 061419 *W1165 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	2.0	.026	42.5	.052
	3.5	.023	48.0	.080
	3.5	.027	65.5	.094
	1.5	.030	75.5	.045
	1.5	.031	82.0	.047
	43.5	.105	87.0	4.588
	1.0	.030	146.5	.030
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 56.5 FEET,			
A GRADE OF	.087 (U308, AND A G*T OF 4.936 (=FT,			

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	6.5	.090	99.5	.584
	18.0	.188	110.0	3.392
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 24.5 FEET,			
A GRADE OF	.162 (U308, AND A G*T OF 3.976 (=FT,			

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	2.5	.301	111.0	.752
	8.5	.264	117.5	2.247
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 11.0 FEET,			
A GRADE OF	.273 (U308, AND A G*T OF 2.999 (=FT,			

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	2.5	.301	111.0	.752
	8.5	.264	117.5	2.247
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 11.0 FEET,			
A GRADE OF	.273 (U308, AND A G*T OF 2.999 (=FT,			

W1166 E
10/31/80

HOLE 061419 *W1166 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 105 FEET
PROBED 94 FEET ON 7/23/80

LOCATION COLLAR ELEVATION = 6100.1 FEET
N-S COORD. = 1037913.8
E-W COORD. = 259905.5
COORDINATES ARE APPROXIMATE
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 48 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION -----	AGE ---	SUBDIVISION -----	LITHOLOGY -----	DEPTH TO TOP -----
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY -----	DEPTH TO TOP -----
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THERE ARE NO CHEMICAL UNITS RECORDED

W1166 E
10/31/80

HOLE 061419 *W1166 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 = 66.0 TO 73.0 ; INTERPRETED AS

66.0	.015-	68.5	.037-	71.0	.004-
66.5	.006-	69.0	.035-	71.5	.007-
67.0	.021-	69.5	.015-	72.0	.031-
67.5	.018-	70.0	.032-	72.5	.015-
68.0	.050-*	70.5	.008-	73.0	.002-

W1167 E
10/31/80

HOLE 061419 *W1167 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 145 FEET
PROBED 136 FEET ON 7/23/80

LOCATION COLLAR ELEVATION = 6077.2 FEET
N-S COORD. = 1038017.1
E-W COORD. = 259769.3
COORDINATES ARE APPROXIMATE
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 72 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1167 E IS BARREN **

HOLE 061419 *W1168 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAE878720
DRILLED 170 FEET
PROBED 160 FEET ON 7/ 9/80

LOCATION COLLAR ELEVATION = 6101.6 FEET
N-S COORD. = 1038270.4
E-W COORD. = 259576.9
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.210
PIPE FACTOR = 1.000
WATER DEPTH = 160 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1168 E IS BARREN **

W1169 E
10/31/80

HOLE 061419 *W1169 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 125 FEET
PROBED 114 FEET ON 7/23/80

LOCATION COLLAR ELEVATION = 6075.5 FEET
N-S COORD. = 1038493.0
E-W COORD. = 259366.8
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.000
PIPE FACTOR = 1.000
WATER DEPTH = 5 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1169 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 68.0 TO 80.0 ; INTERPRETED AS

68.0	.012-	72.5	.050-*	77.0	.025-
68.5	0.000-	73.0	.023-	77.5	.011-
69.0	.043-	73.5	.009-	78.0	.023-
69.5	.050-*	74.0	.013-	78.5	.003-
70.0	0.000-	74.5	.014-	79.0	.030-
70.5	.080-*	75.0	.010-	79.5	0.000-
71.0	.046-	75.5	.006-	80.0	.024-
71.5	.073-*	76.0	.018-		
72.0	.081-*	76.5	.012-		

ANOMALY 2 - 83.5 TO 89.0 ; INTERPRETED AS

83.5	.015-	85.5	.032-	87.5	.022-
84.0	0.000-	86.0	.001-	88.0	.013-
84.5	.031-	86.5	.040-	88.5	.013-
85.0	.004-	87.0	.006-	89.0	.014-

HOLE 061419 *W1169 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	4.0	.053	69.0	.212
	2.5	.022	84.5	.054

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 6.5 FEET,
A GRADE OF .041 (U308, AND A G*T OF .266 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1170 E
10/31/80

HOLE 061419 *W1170 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 125 FEET
PROBED 111 FEET ON 7/24/80

LOCATION COLLAR ELEVATION = 6043.6 FEET
N-S COORD. = 1038328.4
E-W COORD. = 259362.4
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.000
PIPE FACTOR = 1.000
WATER DEPTH = 5 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1170 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 35.0 TO 50.0 ; INTERPRETED AS

35.0	.012-	40.5	.011-	46.0	.015-
35.5	.002-	41.0	.015-	46.5	.043-
36.0	.044-	41.5	.017-	47.0	.043-
36.5	0.000-	42.0	.015-	47.5	.028-
37.0	.032-	42.5	.011-	48.0	.036-
37.5	0.000-	43.0	.043-	48.5	.027-
38.0	.012-	43.5	.020-	49.0	.034-
38.5	.004-	44.0	.032-	49.5	0.000-
39.0	.015-	44.5	.062*★	50.0	.012-
39.5	.005-	45.0	.037-		
40.0	.026-	45.5	.060*★		

HOLE 061419 *W1170 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	1.5	.025	36.0	.038
	6.5	.037	43.0	.240

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 8.0 FEET,
A GRADE OF .035 (U308, AND A G*T OF .278 (=FT,

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

Workman Creek

W1171 E
10/31/80

1171-80

HOLE 061419 *W1171 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 170 FEET
PROBED 109 FEET ON 7/24/80

LOCATION COLLAR ELEVATION = 6042.6 FEET
N-S COORD. = 1038741.7
E-W COORD. = 258785.4
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.000
PIPE FACTOR = 1.000
WATER DEPTH = 5 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1171 E IS BARREN **

W1172 E
10/31/80

HOLE 061419 *W1172 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 415 FEET
PROBED 400 FEET ON 7/24/80

LOCATION COLLAR ELEVATION = 6339.3 FEET
N-S COORD. = 1038376.2
E-W COORD. = 260643.8
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.210
PIPE FACTOR = 1.520
WATER DEPTH = 4 FEET
PIPE DEPTH = 415 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1172 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 366.5 TO 386.5 ; INTERPRETED AS

366.5	.012=	373.5	.049=	380.5	.035=
367.0	0.000=	374.0	.082=*	381.0	.002=
367.5	.039=	374.5	.034=	381.5	.017=
368.0	0.000=	375.0	.094=*	382.0	.022=
368.5	.034=	375.5	.092=*	382.5	.014=
369.0	.039=	376.0	.303=*****	383.0	.003=
369.5	.029=	376.5	.092=*	383.5	.037=
370.0	.022=	377.0	.111=**	384.0	.063=*
370.5	.067=*	377.5	.166=***	384.5	.009=
371.0	.012=	378.0	.122=**	385.0	.057=*
371.5	.059=*	378.5	0.000=	385.5	0.000=
372.0	.070=*	379.0	0.000=	386.0	.010=
372.5	.014=	379.5	.026=	386.5	.002=
373.0	.132=**	380.0	.005=		

HOLE 061419 *W1172 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
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	11.0	.076	367.5	.831
	2.0	.042	383.5	.083

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 13.0 FEET,
A GRADE OF .070 (U308, AND A G*T OF .914 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	8.0	.094	370.5	.750

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 8.0 FEET,
A GRADE OF .094 (U308, AND A G*T OF .750 (=FT.

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1173 E
10/31/80

HOLE 061419 *W1173 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 445 FEET
PROBED 432 FEET ON 7/30/80

LOCATION COLLAR ELEVATION = 6347.8 FEET
N-S COORD. = 1038537.4
E-W COORD. = 260425.7
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.120
PIPE FACTOR = 1.000
WATER DEPTH = 328 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061419 *W1173 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 391.0 TO 395.5 ; INTERPRETED AS

391.0	.024-	393.0	.024-	395.0	.003-
391.5	0.000-	393.5	.059-*	395.5	.018-
392.0	.011-	394.0	.015-		
392.5	.054-*	394.5	.030-		

ANOMALY 2 - 404.5 TO 421.5 ; INTERPRETED AS

404.5	.019-	410.5	.031-	416.5	.090-*
405.0	.011-	411.0	.049-	417.0	.078-*
405.5	.006-	411.5	.096-*	417.5	.127-***
406.0	.031-	412.0	.111-***	418.0	.111-***
406.5	.043-	412.5	.209-****	418.5	.093-*
407.0	.046-	413.0	.149-***	419.0	.058-*
407.5	.039-	413.5	.131-***	419.5	.053-*
408.0	.032-	414.0	.100-***	420.0	.037-
408.5	.041-	414.5	.113-***	420.5	.014-
409.0	.058-*	415.0	.111-***	421.0	.016-
409.5	.035-	415.5	.056-*	421.5	0.000-
410.0	.047-	416.0	.063-*		

HOLE 061419 *W1173 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	2.5	.036	392.5	.091
	14.5	.077	406.0	1.119

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 17.0 FEET,
A GRADE OF .071 (U308, AND A G*T OF 1.210 (=FT,

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	8.5	.103	411.5	.874

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 8.5 FEET,
A GRADE OF .103 (U308, AND A G*T OF .874 (=FT,

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1174 E
10/31/80

HOLE 061419 *W1174 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 450 FEET
PROBED 435 FEET ON 7/31/80

LOCATION COLLAR ELEVATION = 6342.3 FEET
N-S COORD. = 1038930.6
E-W COORD. = 260082.3
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.210
PIPE FACTOR = 1.520
WATER DEPTH = 5 FEET
PIPE DEPTH = 450 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1174 E IS BARREN **

HOLE 061419 *W1175 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 525 FEET
PROBED 514 FEET ON 8/ 8/80

LOCATION COLLAR ELEVATION = 6418.8 FEET
N-S COORD. = 1038928.1
E-W COORD. = 260330.5
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00002600
DEAD TIME = .00000800
WATER FACTOR = 1.210
PIPE FACTOR = 1.520
WATER DEPTH = 4 FEET
PIPE DEPTH = 525 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1175 E
10/31/80

HOLE 061419 *W1175 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 464.0 TO 474.0 ; INTERPRETED AS

464.0	.012-	467.5	.002-	471.0	.051-*
464.5	0.000-	468.0	.019-	471.5	.050-*
465.0	.033-	468.5	.017-	472.0	.049-
465.5	0.000-	469.0	.002-	472.5	.001-
466.0	.009-	469.5	.030-	473.0	.006-
466.5	0.000-	470.0	.029-	473.5	.029-
467.0	.035-	470.5	.002-	474.0	.010-

HOLE 061419 *W1175 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	2.5	.015	465.0	.039
	3.0	.035	469.5	.106

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 5.5 FEET,
A GRADE OF .026 (U308, AND A G*T OF .144 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061419 *W1176 E WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB78720
DRILLED 565 FEET
PROBED 553 FEET ON 8/11/80

LOCATION COLLAR ELEVATION = 6454.3 FEET
N-S COORD. = 1038734.7
E-W COORD. = 260525.6
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K=FACTOR = .00003150
DEAD TIME = .00000160
WATER FACTOR = 1.210
PIPE FACTOR = 1.520
WATER DEPTH = 5 FEET
PIPE DEPTH = 565 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1176 E IS BARREN **

1171-86

W1177 E
11/12/80

HOLE : 061430 *W1177 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	10.5	0.029	450.0	0.301
	25.0	0.039	462.5	0.985
	95.0	0.147	483.0	13.943

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF **** FEET,
A GRADE OF 0.117 % U308, AND A G*T OF 15.229 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	1.5	0.039	462.5	0.058
	1.5	0.041	471.5	0.061
	4.0	0.039	475.5	0.156
	3.5	0.061	484.0	0.212
	91.0	0.152	483.0	13.865

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF **** FEET,
A GRADE OF 0.141 % U308, AND A G*T OF 14.352 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	1.0	0.052	478.5	0.052
	2.5	0.070	485.0	0.175
	91.0	0.152	483.0	13.865

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 94.5 FEET,
A GRADE OF 0.149 % U308, AND A G*T OF 14.092 %-FT.

W1177 E
11/12/80

HOLE : 061430 *W1177 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 600. FEET
PROBED 583. FEET ON 9/23/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003220
DEAD TIME - 0.00000676
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 5 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1177 E
11/12/80

HOLE : 061430 *W1177 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 450.0 TO 487.0 ; INTERPRETED AS

450.0	0.041-	462.5	0.043-	475.0	0.027-
450.5	0.018-	463.0	0.027-	475.5	0.041-
451.0	0.026-	463.5	0.041-	476.0	0.032-
451.5	0.031-	464.0	0.024-	476.5	0.040-
452.0	0.022-	464.5	0.039-	477.0	0.031-
452.5	0.037-	465.0	0.035-	477.5	0.031-
453.0	0.022-	465.5	0.032-	478.0	0.032-
453.5	0.032-	466.0	0.042-	478.5	0.052-*
454.0	0.027-	466.5	0.033-	479.0	0.053-*
454.5	0.030-	467.0	0.038-	479.5	0.026-
455.0	0.019-	467.5	0.032-	480.0	0.038-
455.5	0.035-	468.0	0.035-	480.5	0.036-
456.0	0.021-	468.5	0.033-	481.0	0.035-
456.5	0.027-	469.0	0.036-	481.5	0.044-
457.0	0.032-	469.5	0.031-	482.0	0.037-
457.5	0.025-	470.0	0.039-	482.5	0.033-
458.0	0.028-	470.5	0.032-	483.0	0.039-
458.5	0.028-	471.0	0.033-	483.5	0.030-
459.0	0.033-	471.5	0.066-*	484.0	0.046-
459.5	0.012-	472.0	0.013-	484.5	0.029-
460.0	0.056-*	472.5	0.043-	485.0	0.067-*
460.5	0.029-	473.0	0.031-	485.5	0.059-*
461.0	0.027-	473.5	0.031-	486.0	0.063-*
461.5	0.027-	474.0	0.038-	486.5	0.060-*
462.0	0.028-	474.5	0.036-	487.0	0.101-**

ANOMALY 2 - 483.0 TO 578.0 ; INTERPRETED AS

483.0	0.057-*	515.0	0.234-****	547.0	0.364-*****
483.5	0.025-	515.5	0.207-****	547.5	0.195-***
484.0	0.048-	516.0	0.219-****	548.0	0.118-**
484.5	0.028-	516.5	0.219-****	548.5	0.151-***
485.0	0.067-*	517.0	0.127-**	549.0	0.323-*****
485.5	0.061-*	517.5	0.157-***	549.5	0.295-*****
486.0	0.060-*	518.0	0.138-**	550.0	0.321-*****
486.5	0.072-*	518.5	0.126-**	550.5	0.150-***
487.0	0.051-*	519.0	0.162-***	551.0	0.244-****
487.5	0.099-*	519.5	0.140-**	551.5	0.263-*****
488.0	0.053-*	520.0	0.143-**	552.0	0.239-****
488.5	0.094-*	520.5	0.140-**	552.5	0.184-***
489.0	0.058-*	521.0	0.154-***	553.0	0.166-***
489.5	0.091-*	521.5	0.148-**	553.5	0.280-*****
490.0	0.040-	522.0	0.141-**	554.0	0.242-****
490.5	0.076-*	522.5	0.148-**	554.5	0.220-****

491.0	0.075-*	523.0	0.146-**	555.0	0.108-**
491.5	0.074-*	523.5	0.149-**	555.5	0.292-*****
492.0	0.067-*	524.0	0.158-***	556.0	0.144-**
492.5	0.085-*	524.5	0.144-**	556.5	0.118-**
493.0	0.071-*	525.0	0.164-***	557.0	0.119-**
493.5	0.098-*	525.5	0.140-**	557.5	0.062-*
494.0	0.070-*	526.0	0.189-***	558.0	0.061-*
494.5	0.069-*	526.5	0.137-**	558.5	0.050-*
495.0	0.095-*	527.0	0.154-***	559.0	0.045-
495.5	0.065-*	527.5	0.170-***	559.5	0.037-
496.0	0.065-*	528.0	0.153-***	560.0	0.050-*
496.5	0.098-*	528.5	0.145-**	560.5	0.028-
497.0	0.053-*	529.0	0.143-**	561.0	0.064-*
497.5	0.109-**	529.5	0.147-**	561.5	0.015-
498.0	0.050-*	530.0	0.147-**	562.0	0.066-*
498.5	0.100-**	530.5	0.162-***	562.5	0.028-
499.0	0.082-*	531.0	0.123-**	563.0	0.054-*
499.5	0.085-*	531.5	0.148-**	563.5	0.043-
500.0	0.082-*	532.0	0.122-**	564.0	0.107-**
500.5	0.071-*	532.5	0.139-**	564.5	0.030-
501.0	0.093-*	533.0	0.122-**	565.0	0.083-*
501.5	0.081-*	533.5	0.196-***	565.5	0.038-
502.0	0.097-*	534.0	0.185-***	566.0	0.040-
502.5	0.076-*	534.5	0.312-*****	566.5	0.051-*
503.0	0.078-*	535.0	0.423-*****	567.0	0.044-
503.5	0.118-**	535.5	0.152-***	567.5	0.045-
504.0	0.677-*****	536.0	0.187-***	568.0	0.051-*
504.5	0.227-*****	536.5	0.200-*****	568.5	0.095-*
505.0	0.323-*****	537.0	0.116-**	569.0	0.124-**
505.5	0.219-*****	537.5	0.209-*****	569.5	0.069-*
506.0	0.178-***	538.0	0.227-*****	570.0	0.062-*
506.5	0.182-***	538.5	0.160-***	570.5	0.065-*
507.0	0.091-*	539.0	0.154-***	571.0	0.055-*
507.5	0.080-*	539.5	0.153-***	571.5	0.132-**
508.0	0.329-*****	540.0	0.176-***	572.0	0.058-*
508.5	0.228-*****	540.5	0.126-**	572.5	0.039-
509.0	0.852-*****	541.0	0.136-**	573.0	0.130-**
509.5	0.559-*****	541.5	0.092-*	573.5	0.065-*
510.0	0.875-*****	542.0	0.139-**	574.0	0.019-
510.5	0.107-**	542.5	0.125-**	574.5	0.017-
511.0	0.348-*****	543.0	0.104-**	575.0	0.007-
511.5	0.323-*****	543.5	0.143-**	575.5	0.036-
512.0	0.524-*****	544.0	0.151-***	576.0	0.000-
512.5	0.271-*****	544.5	0.240-*****	576.5	0.038-
513.0	0.284-*****	545.0	0.205-*****	577.0	0.000-
513.5	0.337-*****	545.5	0.241-*****	577.5	0.039-
514.0	0.173-***	546.0	0.245-*****	578.0	0.011-
514.5	0.236-*****	546.5	0.196-***		

W1178 E
12/11/80

HOLE : 061430 *W1178 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 630. FEET
PROBED 606. FEET ON 9/22/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 505 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1178 IS BARREN **

1179 E
11/12/80

HOLE : 061430 *1179 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 510. FEET
PROBED 489. FEET ON 9/29/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE : NO
DIRECTIONALLY DRILLED HOLE : NO

LOGGING PARAMETERS : K-FACTOR - 0.00003220
DEAD TIME - 0.00000676
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 5 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

1179 E
11/12/80

HOLE : 061430 *1179 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 426.0 TO 462.5 ; INTERPRETED AS

426.0	0.022-	438.5	0.019-	451.0	0.019-
426.5	0.007-	439.0	0.016-	451.5	0.027-
427.0	0.024-	439.5	0.061-*	452.0	0.033-
427.5	0.019-	440.0	0.002-	452.5	0.014-
428.0	0.011-	440.5	0.065-*	453.0	0.020-
428.5	0.022-	441.0	0.007-	453.5	0.012-
429.0	0.020-	441.5	0.018-	454.0	0.024-
429.5	0.023-	442.0	0.018-	454.5	0.011-
430.0	0.037-	442.5	0.020-	455.0	0.036-
430.5	0.028-	443.0	0.053-*	455.5	0.006-
431.0	0.015-	443.5	0.069-*	456.0	0.027-
431.5	0.023-	444.0	0.048-	456.5	0.023-
432.0	0.015-	444.5	0.027-	457.0	0.019-
432.5	0.026-	445.0	0.029-	457.5	0.015-
433.0	0.015-	445.5	0.043-	458.0	0.046-
433.5	0.005-	446.0	0.050-*	458.5	0.062-*
434.0	0.049-	446.5	0.003-	459.0	0.045-
434.5	0.014-	447.0	0.047-	459.5	0.043-
435.0	0.022-	447.5	0.016-	460.0	0.014-
435.5	0.010-	448.0	0.033-	460.5	0.030-
436.0	0.052-*	448.5	0.037-	461.0	0.028-
436.5	0.000-	449.0	0.072-*	461.5	0.015-
437.0	0.051-*	449.5	0.047-	462.0	0.011-
437.5	0.010-	450.0	0.047-	462.5	0.014-
438.0	0.023-	450.5	0.075-*		

1179 E
11/12/80

HOLE : 061430 *1179 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	3.5	0.028	434.0	0.099
	1.5	0.043	439.5	0.064
	9.5	0.041	443.0	0.387
	3.0	0.040	458.0	0.120

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 17.5 FEET,
A GRADE OF 0.038 % U308, AND A G*T OF 0.670 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	3.5	0.028	434.0	0.099
	1.5	0.043	439.5	0.064
	8.0	0.043	443.0	0.348
	2.0	0.049	458.0	0.098

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 15.0 FEET,
A GRADE OF 0.041 % U308, AND A G*T OF 0.609 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	1.5	0.034	436.0	0.052
	1.5	0.043	439.5	0.064
	1.0	0.061	443.0	0.061
	2.0	0.060	449.0	0.120

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 6.0 FEET,
A GRADE OF 0.049 % U308, AND A G*T OF 0.297 %-FT.

W1180 E
12/11/80

HOLE : 061430 *W1180 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	23.5	0.241	405.5	5.663
	1.0	0.125	431.0	0.125
	6.5	0.108	438.5	0.702

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 31.0 FEET,
A GRADE OF 0.209 % U308, AND A G*T OF 6.491 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	3.0	0.042	406.0	0.125
	11.0	0.466	411.5	5.123
	3.5	0.069	425.0	0.240
	1.0	0.125	431.0	0.125
	4.0	0.155	441.0	0.622

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 22.5 FEET,
A GRADE OF 0.277 % U308, AND A G*T OF 6.237 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	11.0	0.466	411.5	5.123
	2.0	0.093	426.0	0.186
	1.0	0.125	431.0	0.125
	4.0	0.155	441.0	0.622

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 18.0 FEET,
A GRADE OF 0.337 % U308, AND A G*T OF 6.057 %-FT.

W1180 E
12/11/80

HOLE : 061430 *W1180 E WORKMAN
GILA COUNTY, ARIZONA
LEASE ID :

PROPERTIES

TABULATED GRADE DATA

ANOMALY 1 - 364.0 TO 460.0 ; INTERPRETED AS

364.0	0.013-	396.5	0.010-	429.0	0.018-
364.5	0.007-	397.0	0.011-	429.5	0.029-
365.0	0.010-	397.5	0.006-	430.0	0.024-
365.5	0.009-	398.0	0.014-	430.5	0.011-
366.0	0.010-	398.5	0.010-	431.0	0.148-**
366.5	0.009-	399.0	0.009-	431.5	0.103-**
367.0	0.010-	399.5	0.011-	432.0	0.000-
367.5	0.010-	400.0	0.011-	432.5	0.007-
368.0	0.011-	400.5	0.008-	433.0	0.014-
368.5	0.011-	401.0	0.010-	433.5	0.013-
369.0	0.011-	401.5	0.011-	434.0	0.012-
369.5	0.012-	402.0	0.013-	434.5	0.012-
370.0	0.012-	402.5	0.002-	435.0	0.012-
370.5	0.017-	403.0	0.007-	435.5	0.013-
371.0	0.017-	403.5	0.014-	436.0	0.012-
371.5	0.015-	404.0	0.010-	436.5	0.013-
372.0	0.014-	404.5	0.010-	437.0	0.010-
372.5	0.008-	405.0	0.015-	437.5	0.017-
373.0	0.014-	405.5	0.030-	438.0	0.010-
373.5	0.010-	406.0	0.053-*	438.5	0.050-*
374.0	0.016-	406.5	0.044-	439.0	0.027-
374.5	0.015-	407.0	0.041-	439.5	0.030-
375.0	0.013-	407.5	0.035-	440.0	0.024-
375.5	0.015-	408.0	0.038-	440.5	0.029-
376.0	0.015-	408.5	0.040-	441.0	0.134-**
376.5	0.009-	409.0	0.033-	441.5	0.047-
377.0	0.015-	409.5	0.033-	442.0	0.087-*
377.5	0.015-	410.0	0.023-	442.5	0.007-
378.0	0.016-	410.5	0.038-	443.0	0.034-
378.5	0.016-	411.0	0.000-	443.5	0.096-*
379.0	0.019-	411.5	0.085-*	444.0	0.648-*****
379.5	0.019-	412.0	0.273-*****	444.5	0.191-***
380.0	0.019-	412.5	0.579-*****	445.0	0.019-
380.5	0.019-	413.0	0.518-*****	445.5	0.002-
381.0	0.010-	413.5	0.342-*****	446.0	0.013-
381.5	0.011-	414.0	0.421-*****	446.5	0.014-
382.0	0.013-	414.5	0.444-*****	447.0	0.004-
382.5	0.012-	415.0	0.580-*****	447.5	0.009-
383.0	0.011-	415.5	0.861-*****	448.0	0.014-
383.5	0.011-	416.0	0.780-*****	448.5	0.013-
384.0	0.009-	416.5	1.359-*****	449.0	0.012-
384.5	0.009-	417.0	0.512-*****	449.5	0.014-
385.0	0.009-	417.5	0.649-*****	450.0	0.014-
385.5	0.009-	418.0	0.671-*****	450.5	0.013-
386.0	0.011-	418.5	0.600-*****	451.0	0.013-

386.5	0.012-	419.0	0.566-*****	451.5	0.017-
387.0	0.015-	419.5	0.395-*****	452.0	0.010-
387.5	0.014-	420.0	0.257-*****	452.5	0.014-
388.0	0.014-	420.5	0.097-*	453.0	0.012-
388.5	0.013-	421.0	0.066-*	453.5	0.015-
389.0	0.016-	421.5	0.129-**	454.0	0.014-
389.5	0.019-	422.0	0.063-*	454.5	0.014-
390.0	0.020-	422.5	0.035-	455.0	0.015-
390.5	0.018-	423.0	0.032-	455.5	0.017-
391.0	0.016-	423.5	0.032-	456.0	0.017-
391.5	0.014-	424.0	0.027-	456.5	0.014-
392.0	0.015-	424.5	0.032-	457.0	0.012-
392.5	0.017-	425.0	0.042-	457.5	0.013-
393.0	0.019-	425.5	0.020-	458.0	0.009-
393.5	0.019-	426.0	0.076-*	458.5	0.009-
394.0	0.017-	426.5	0.159-***	459.0	0.010-
394.5	0.012-	427.0	0.058-*	459.5	0.008-
395.0	0.015-	427.5	0.080-*	460.0	0.014-
395.5	0.014-	428.0	0.046-		
396.0	0.013-	428.5	0.033-		

W1180 E
12/11/80

HOLE : 061430 *W1180 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 503. FEET
PROBED 492. FEET ON 9/25/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 480 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

1181-1190

W1181 E
11/12/80

HOLE : 061430 *W1181 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

<u>LITH. UNIT</u>	<u>THICKNESS</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>G*T</u>
	12.0	0.039	465.5	0.462

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 12.0 FEET,
A GRADE OF 0.039 % U308, AND A G*T OF 0.462 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

<u>LITH. UNIT</u>	<u>THICKNESS</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>G*T</u>
	11.0	0.040	465.5	0.444

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 11.0 FEET,
A GRADE OF 0.040 % U308, AND A G*T OF 0.444 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

<u>LITH. UNIT</u>	<u>THICKNESS</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>G*T</u>
	1.5	0.063	465.5	0.094
	4.5	0.046	469.0	0.207

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 6.0 FEET,
A GRADE OF 0.050 % U308, AND A G*T OF 0.301 %-FT.

W1181 E
11/12/80

HOLE : 061430 *W1181 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 460.0 TO 480.0 ; INTERPRETED AS

460.0	0.001-	467.0	0.018-	474.0	0.035-
460.5	0.020-	467.5	0.041-	474.5	0.012-
461.0	0.020-	468.0	0.032-	475.0	0.042-
461.5	0.000-	468.5	0.015-	475.5	0.012-
462.0	0.000-	469.0	0.077-*	476.0	0.066-*
462.5	0.015-	469.5	0.046-	476.5	0.000-
463.0	0.008-	470.0	0.029-	477.0	0.036-
463.5	0.021-	470.5	0.067-*	477.5	0.003-
464.0	0.011-	471.0	0.051-*	478.0	0.016-
464.5	0.029-	471.5	0.047-	478.5	0.007-
465.0	0.021-	472.0	0.015-	479.0	0.017-
465.5	0.062-*	472.5	0.031-	479.5	0.011-
466.0	0.066-*	473.0	0.052-*	480.0	0.021-
466.5	0.060-*	473.5	0.013-		

W1181 E
11/12/80

HOLE : 061430 *W1181 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAE337720
DRILLED 545. FEET
PROBED 532. FEET ON 10/ 1/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003220
DEAD TIME - 0.00000676
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 5 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

<u>FORMATION</u>	<u>AGE</u>	<u>SUBDIVISION</u>	<u>LITHOLOGY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

<u>CHEMISTRY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO CHEMICAL UNITS RECORDED

W1182 E
12/11/80

HOLE : 061430 *W1182 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	7.5	0.039	579.0	0.291
	2.0	0.143	610.5	0.286
	1.0	0.077	616.5	0.077

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 10.5 FEET,
A GRADE OF 0.062 % U308, AND A G*T OF 0.655 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	2.0	0.043	579.5	0.086
	1.5	0.050	585.0	0.075
	2.0	0.143	610.5	0.286
	1.0	0.077	616.5	0.077

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 6.5 FEET,
A GRADE OF 0.081 % U308, AND A G*T OF 0.525 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	1.0	0.055	585.5	0.055
	1.5	0.176	610.5	0.264
	1.0	0.077	616.5	0.077

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 3.5 FEET,
A GRADE OF 0.113 % U308, AND A G*T OF 0.397 %-FT.

W1182 E
12/11/80

HOLE : 061430 *W1182 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 576.5 TO 620.0 ; INTERPRETED AS

576.5	0.014-	591.5	0.015-	606.5	0.010-
577.0	0.012-	592.0	0.013-	607.0	0.011-
577.5	0.018-	592.5	0.014-	607.5	0.010-
578.0	0.015-	593.0	0.013-	608.0	0.012-
578.5	0.025-	593.5	0.016-	608.5	0.005-
579.0	0.032-	594.0	0.013-	609.0	0.014-
579.5	0.040-	594.5	0.012-	609.5	0.025-
580.0	0.040-	595.0	0.014-	610.0	0.000-
580.5	0.048-	595.5	0.012-	610.5	0.202-****
581.0	0.045-	596.0	0.012-	611.0	0.248-****
581.5	0.036-	596.5	0.014-	611.5	0.079-*
582.0	0.035-	597.0	0.013-	612.0	0.043-
582.5	0.037-	597.5	0.016-	612.5	0.017-
583.0	0.031-	598.0	0.017-	613.0	0.001-
583.5	0.028-	598.5	0.019-	613.5	0.020-
584.0	0.029-	599.0	0.017-	614.0	0.009-
584.5	0.032-	599.5	0.013-	614.5	0.007-
585.0	0.040-	600.0	0.014-	615.0	0.014-
585.5	0.050-*	600.5	0.012-	615.5	0.017-
586.0	0.060-*	601.0	0.011-	616.0	0.000-
586.5	0.014-	601.5	0.003-	616.5	0.084-*
587.0	0.017-	602.0	0.009-	617.0	0.071-*
587.5	0.009-	602.5	0.019-	617.5	0.026-
588.0	0.013-	603.0	0.028-	618.0	0.007-
588.5	0.013-	603.5	0.028-	618.5	0.014-
589.0	0.012-	604.0	0.037-	619.0	0.009-
589.5	0.008-	604.5	0.019-	619.5	0.011-
590.0	0.015-	605.0	0.012-	620.0	0.014-
590.5	0.012-	605.5	0.009-		
591.0	0.013-	606.0	0.011-		

W1182 E
12/11/80

HOLE : 061430 *W1182 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 660. FEET
PROBED 648. FEET ON 10/17/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.690
WATER DEPTH - 648 FEET
PIPE DEPTH - 660 FEET

MAJOR LITHOLOGIC UNITS

<u>FORMATION</u>	<u>AGE</u>	<u>SUBDIVISION</u>	<u>LITHOLOGY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

<u>CHEMISTRY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO CHEMICAL UNITS RECORDED

W1183 E
12/11/80

HOLE : 061430 *W1183 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	1.5	0.077	596.5	0.116
	2.5	0.029	601.0	0.072

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 4.0 FEET,
A GRADE OF 0.047 % U308, AND A G*T OF 0.188 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	1.5	0.077	596.5	0.116

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 1.5 FEET,
A GRADE OF 0.077 % U308, AND A G*T OF 0.116 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	0.5	0.186	597.5	0.093

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 0.5 FEET,
A GRADE OF 0.186 % U308, AND A G*T OF 0.093 %-FT.

W1183 E
12/11/80

HOLE : 061430 *W1183 E WORKMAN
GILA COUNTY, ARIZONA
LEASE ID :

PROPERTIES

TABULATED GRADE DATA

ANOMALY 1 - 593.0 TO 635.5 ; INTERPRETED AS

593.0	0.009-	607.5	0.010-	622.0	0.016-
593.5	0.011-	608.0	0.014-	622.5	0.016-
594.0	0.010-	608.5	0.012-	623.0	0.018-
594.5	0.011-	609.0	0.012-	623.5	0.021-
595.0	0.006-	609.5	0.012-	624.0	0.019-
595.5	0.020-	610.0	0.011-	624.5	0.020-
596.0	0.022-	610.5	0.011-	625.0	0.019-
596.5	0.046-	611.0	0.012-	625.5	0.015-
597.0	0.000-	611.5	0.010-	626.0	0.017-
597.5	0.186-***	612.0	0.013-	626.5	0.017-
598.0	0.000-	612.5	0.011-	627.0	0.017-
598.5	0.004-	613.0	0.012-	627.5	0.017-
599.0	0.012-	613.5	0.013-	628.0	0.019-
599.5	0.005-	614.0	0.014-	628.5	0.018-
600.0	0.013-	614.5	0.013-	629.0	0.017-
600.5	0.009-	615.0	0.016-	629.5	0.016-
601.0	0.032-	615.5	0.010-	630.0	0.016-
601.5	0.027-	616.0	0.014-	630.5	0.018-
602.0	0.017-	616.5	0.009-	631.0	0.017-
602.5	0.033-	617.0	0.012-	631.5	0.018-
603.0	0.036-	617.5	0.014-	632.0	0.017-
603.5	0.023-	618.0	0.015-	632.5	0.017-
604.0	0.017-	618.5	0.014-	633.0	0.016-
604.5	0.010-	619.0	0.014-	633.5	0.021-
605.0	0.015-	619.5	0.020-	634.0	0.012-
605.5	0.006-	620.0	0.022-	634.5	0.012-
606.0	0.016-	620.5	0.025-	635.0	0.009-
606.5	0.011-	621.0	0.025-	635.5	0.016-
607.0	0.013-	621.5	0.025-		

W1183 E
12/11/80

HOLE : 061430 *W1183 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 680. FEET
PROBED 663. FEET ON 10/ 8/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 558 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1184 E
12/11/80

HOLE : 061430 *W1184 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 600. FEET
PROBED 586. FEET ON 9/24/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE : NO
DIRECTIONALLY DRILLED HOLE : NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.690
WATER DEPTH - 586 FEET
PIPE DEPTH - 586 FEET

MAJOR LITHOLOGIC UNITS

<u>FORMATION</u>	<u>AGE</u>	<u>SUBDIVISION</u>	<u>LITHOLOGY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

<u>CHEMISTRY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1184 IS BARREN **

W1185 E
12/11/80

HOLE : 061430 *W1185 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 595. FEET
PROBED 581. FEET ON 9/26/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 495 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1185 IS BARREN **

W1186 E
12/11/80

HOLE : 061430 *W1186 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 625. FEET
PROBED 613. FEET ON 10/ 1/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.690
WATER DEPTH - 613 FEET
PIPE DEPTH - 613 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1186 IS BARREN **

W1187 E
11/12/80

HOLE : 061430 *W1187 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAE37720
DRILLED 700. FEET
PROBED 688. FEET ON 10/ 4/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00000331
DEAD TIME - 0.00000683
WATER FACTOR - 1.210
PIPE FACTOR - 1.690
WATER DEPTH - 5 FEET
PIPE DEPTH - 688 FEET

MAJOR LITHOLOGIC UNITS

<u>FORMATION</u>	<u>AGE</u>	<u>SUBDIVISION</u>	<u>LITHOLOGY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

<u>CHEMISTRY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1187 IS BARREN **

Lucky Stop

Location?

W1188 E
12/10/80

HOLE : 061430 *W1188 E WORKMAN
GILA COUNTY, ARIZONA
LEASE ID :

PROPERTIES

2

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	21.5	0.106	29.5	2.268
	1.0	0.042	67.0	0.042
	2.5	0.308	70.0	0.771

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 25.0 FEET,
A GRADE OF 0.123 % U308, AND A G*T OF 3.081 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	14.5	0.142	32.5	2.056
	1.0	0.042	67.0	0.042
	2.5	0.308	70.0	0.771

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 18.0 FEET,
A GRADE OF 0.159 % U308, AND A G*T OF 2.869 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	11.5	0.168	35.0	1.934
	2.0	0.374	70.0	0.748

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 13.5 FEET,
A GRADE OF 0.199 % U308, AND A G*T OF 2.683 %-FT.

W1188 E
12/10/80

HOLE : 061430 *W1188 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 16.0 TO 54.0 ; INTERPRETED AS

16.0	0.014-		29.0	0.026-		42.0	0.334-*****	
16.5	0.000-	.0070	29.5	0.031-	.0285	42.5	0.185-***	.2595
17.0	0.029-		30.0	0.023-		43.0	0.258-*****	
17.5	0.017-	.0230	30.5	0.026-	.0215	43.5	0.276-*****	.2515
18.0	0.023-		31.0	0.039-		44.0	0.410-*****	
18.5	0.011-	.0170	31.5	0.020-	.0205	44.5	0.121-**	.3430
19.0	0.011-		32.0	0.022-		45.0	0.073-*	.1615
19.5	0.017-	.0140	32.5	0.055-*	.0385	45.5	0.256-*****	
20.0	0.029-		33.0	0.047-		46.0	0.078-*	
20.5	0.004-	.0165	33.5	0.033-	.0100	46.5	0.046-	.0620
21.0	0.039-		34.0	0.032-		47.0	0.034-	
21.5	0.015-	.0270	34.5	0.031-	.0315	47.5	0.027-	.0315
22.0	0.027-		35.0	0.074-*	.1685	48.0	0.025-	
22.5	0.022-	.0245	35.5	0.263-*****		48.5	0.028-	.0265
23.0	0.019-		36.0	0.069-*		49.0	0.037-	
23.5	0.025-	.0220	36.5	0.199-***	.1340	49.5	0.037-	.0370
24.0	0.025-		37.0	0.255-*****		50.0	0.034-	
24.5	0.016-	.0205	37.5	0.092-*	.1735	50.5	0.041-	.0375
25.0	0.028-		38.0	0.149-**	.1410	51.0	0.004-	
25.5	0.013-	.0205	38.5	0.133-**		51.5	0.017-	.0105
26.0	0.026-		39.0	0.149-**		52.0	0.017-	
26.5	0.025-	.0255	39.5	0.032-	.0905	52.5	0.000-	.0085
27.0	0.021-		40.0	0.065-*		53.0	0.032-	
27.5	0.021-	.0210	40.5	0.077-*	.0710	53.5	0.004-	.0180
28.0	0.018-		41.0	0.147-**	.1605	54.0	0.023-	
28.5	0.024-	.0210	41.5	0.174-***				

ANOMALY 2 - 58.0 TO 60.5 ; INTERPRETED AS

58.0	0.012-		59.0	0.056-*		60.0	0.011-	
58.5	0.000-	.0060	59.5	0.013-	.0340	60.5	0.017-	.0140

ANOMALY 3 - 66.0 TO 74.0 ; INTERPRETED AS

66.0	0.016-		69.0	0.009-		72.0	0.045-	
66.5	0.001-	.0085	69.5	0.024-	.0125	72.5	0.006-	.0285
67.0	0.041-		70.0	0.198-***		73.0	0.019-	
67.5	0.043-	.0420	70.5	0.235-*****	.2165	73.5	0.010-	.1145
68.0	0.000-		71.0	0.974-*****		74.0	0.010-	
68.5	0.024-	.0120	71.5	0.090-*	.5320			

W1188 E
12/10/80

HOLE : 061430 *W1188 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 30. FEET
PROBED 78. FEET ON 11/10/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE : NO
DIRECTIONALLY DRILLED HOLE : NO

LOGGING PARAMETERS : K-FACTOR - 0.00003220
DEAD TIME - 0.00000874
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 51 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE : 061430 *W1189 E WORKMAN PROPERTIES
 GILA COUNTY, ARIZONA
 LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	7.0	0.061	647.5	0.430

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 7.0 FEET,
 A GRADE OF 0.061 % U308, AND A G*T OF 0.430 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	7.0	0.061	647.5	0.430

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 7.0 FEET,
 A GRADE OF 0.061 % U308, AND A G*T OF 0.430 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	6.0	0.065	648.0	0.388

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 6.0 FEET,
 A GRADE OF 0.065 % U308, AND A G*T OF 0.388 %-FT.

W1189 E
12/11/80

HOLE : 061430 *W1189 E WORKMAN
GILA COUNTY, ARIZONA
LEASE ID :

PROPERTIES

UNLATED GRADE DATA

Y 1 - 645.0 TO 667.5 ; INTERPRETED AS

0.014-	653.0	0.108-**	661.0	0.012-
0.014-	653.5	0.070-*	661.5	0.011-
0.014-	654.0	0.044-	662.0	0.011-
0.017-	654.5	0.002-	662.5	0.015-
0.008-	655.0	0.013-	663.0	0.013-
0.041-	655.5	0.018-	663.5	0.015-
0.062-*	656.0	0.028-	664.0	0.014-
0.029-	656.5	0.017-	664.5	0.015-
0.045-	657.0	0.011-	665.0	0.015-
0.045-	657.5	0.010-	665.5	0.012-
0.090-*	658.0	0.019-	666.0	0.014-
0.066-*	658.5	0.014-	666.5	0.013-
0.086-*	659.0	0.015-	667.0	0.011-
0.065-*	659.5	0.013-	667.5	0.015-
0.030-	660.0	0.014-		
0.080-*	660.5	0.012-		

ALY 2 - 692.5 TO 699.5 ; INTERPRETED AS

0.016-	695.0	0.017-	697.5	0.014-
0.014-	695.5	0.025-	698.0	0.014-
0.017-	696.0	0.020-	698.5	0.011-
0.012-	696.5	0.034-	699.0	0.011-
0.017-	697.0	0.025-	699.5	0.015-

W1189 E
12/11/80

HOLE : 061430 *W1189 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 725. FEET
PROBED 715. FEET ON 10/24/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.690
WATER DEPTH - 715 FEET
PIPE DEPTH - 715 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

North Workman

W1190 E
12/11/80

HOLE : 061419 *W1190 E WORKMAN
GILA COUNTY, ARIZONA
LEASE ID :

PROPERTIES

JOCA NUMBER : CAEB37720
DRILLED 545 FEET
PROBED 532 FEET ON 10/17/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE : NO
DIRECTIONALLY DRILLED HOLE : NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 460 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

<u>LOCATION</u>	<u>AGE</u>	<u>SUBDIVISION</u>	<u>LITHOLOGY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

<u>CHEMISTRY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO CHEMICAL UNITS RECORDED

W1190 E
12/11/80

HOLE : 061419 *W1190 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

<u>LITH. UNIT</u>	<u>THICKNESS</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>G*T</u>
	2.5	0.030	487.5	0.076
	1.0	0.030	495.5	0.030

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 3.5 FEET,
A GRADE OF 0.030 % U308, AND A G*T OF 0.106 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1190 E
12/11/80

HOLE : 061419 *W1190 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

<u>LITH. UNIT</u>	<u>THICKNESS</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>G*T</u>
	2.5	0.030	487.5	0.076
	1.0	0.030	495.5	0.030

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 3.5 FEET,
A GRADE OF 0.030 % U308, AND A G*T OF 0.106 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1190 E
12/11/80

HOLE : 061419 *W1190 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 461.0 TO 500.0 ; INTERPRETED AS

461.0	0.011-	474.5	0.024-	488.0	0.033-
461.5	0.008-	475.0	0.026-	488.5	0.029-
462.0	0.011-	475.5	0.024-	489.0	0.028-
462.5	0.012-	476.0	0.023-	489.5	0.031-
463.0	0.015-	476.5	0.027-	490.0	0.024-
463.5	0.019-	477.0	0.026-	490.5	0.024-
464.0	0.017-	477.5	0.026-	491.0	0.026-
464.5	0.016-	478.0	0.023-	491.5	0.023-
465.0	0.017-	478.5	0.024-	492.0	0.023-
465.5	0.024-	479.0	0.025-	492.5	0.029-
466.0	0.022-	479.5	0.023-	493.0	0.026-
466.5	0.023-	480.0	0.026-	493.5	0.024-
467.0	0.028-	480.5	0.028-	494.0	0.027-
467.5	0.024-	481.0	0.025-	494.5	0.028-
468.0	0.024-	481.5	0.026-	495.0	0.026-
468.5	0.025-	482.0	0.020-	495.5	0.030-
469.0	0.016-	482.5	0.021-	496.0	0.030-
469.5	0.016-	483.0	0.021-	496.5	0.025-
470.0	0.016-	483.5	0.022-	497.0	0.029-
470.5	0.015-	484.0	0.024-	497.5	0.025-
471.0	0.019-	484.5	0.029-	498.0	0.017-
471.5	0.024-	485.0	0.028-	498.5	0.020-
472.0	0.025-	485.5	0.023-	499.0	0.017-
472.5	0.024-	486.0	0.022-	499.5	0.008-
473.0	0.025-	486.5	0.024-	500.0	0.014-
473.5	0.023-	487.0	0.024-		
474.0	0.023-	487.5	0.031-		

1191-1200

W1191 E
12/11/80

HOLE : 061419 *W1191 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 515. FEET
PROBED 496. FEET ON 10/17/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE : NO
DIRECTIONALLY DRILLED HOLE : NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 460 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

<u>FORMATION</u>	<u>AGE</u>	<u>SUBDIVISION</u>	<u>LITHOLOGY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

<u>CHEMISTRY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1191 IS BARREN **

W1192 E
12/11/80

HOLE : 061419 *W1192 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 455. FEET
PROBED 441. FEET ON 10/20/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 320 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1192 IS BARREN **

W1193 E
12/11/80

HOLE : 061419 *W1193 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

<u>LITH. UNIT</u>	<u>THICKNESS</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>G*T</u>
	1.0	0.030	355.0	0.030
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF			1.0 FEET,
A GRADE OF 0.030 % U308,	AND A G*T OF			0.030 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1193 E
12/11/80

HOLE : 061419 *W1193 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 350.0 TO 358.5 ; INTERPRETED AS

350.0	0.012-	353.0	0.019-	356.0	0.025-
350.5	0.010-	353.5	0.024-	356.5	0.019-
351.0	0.011-	354.0	0.027-	357.0	0.013-
351.5	0.010-	354.5	0.027-	357.5	0.010-
352.0	0.013-	355.0	0.030-	358.0	0.011-
352.5	0.018-	355.5	0.031-	358.5	0.013-

W1193 E
12/11/80

HOLE : 061419 *W1193 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAE337720
DRILLED 430. FEET
PROBED 421. FEET ON 10/21/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 318 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

<u>FORMATION</u>	<u>AGE</u>	<u>SUBDIVISION</u>	<u>LITHOLOGY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

<u>CHEMISTRY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO CHEMICAL UNITS RECORDED

W1194 E
12/11/80

HOLE : 061419 *W1194 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 390. FEET
PROBED 382. FEET ON 10/22/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 374 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1194 IS BARREN **

W1195 E
12/11/80

HOLE : 061419 *W1195 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	1.5	0.032	398.5	0.048

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 1.5 FEET,
A GRADE OF 0.032 % U308, AND A G*T OF 0.048 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

W1195 E
12/11/80

HOLE : 061419 *W1195 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 396.0 TO 401.0 ; INTERPRETED AS

396.0	0.022-	398.0	0.025-	400.0	0.025-
396.5	0.013-	398.5	0.032-	400.5	0.027-
397.0	0.018-	399.0	0.033-	401.0	0.016-
397.5	0.020-	399.5	0.032-		

W1195 E
12/11/80

HOLE : 061419 *W1195 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 445. FEET
PROBED 431. FEET ON 10/25/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.690
WATER DEPTH - 431 FEET
PIPE DEPTH - 431 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1196 E
12/11/80

HOLE : 061419 *W1196 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 430. FEET
PROBED 418. FEET ON 10/27/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE : NO
DIRECTIONALLY DRILLED HOLE : NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 260 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1196 IS BARREN **

W1197 E
12/11/80

HOLE : 061419 *W1197 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

<u>LITH. UNIT</u>	<u>THICKNESS</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>G*T</u>
	3.0	0.043	305.5	0.130
	1.0	0.054	327.0	0.054
	2.0	0.034	331.0	0.067

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 6.0 FEET,
A GRADE OF 0.042 % U308, AND A G*T OF 0.252 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

<u>LITH. UNIT</u>	<u>THICKNESS</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>G*T</u>
	2.0	0.053	306.5	0.106
	1.0	0.040	332.0	0.040

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 3.0 FEET,
A GRADE OF 0.049 % U308, AND A G*T OF 0.146 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

<u>LITH. UNIT</u>	<u>THICKNESS</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>G*T</u>
	1.5	0.056	306.5	0.084

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 1.5 FEET,
A GRADE OF 0.056 % U308, AND A G*T OF 0.084 %-FT.

W1197 E
12/11/80

HOLE : 061419 *W1197 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 304.0 TO 309.5 ; INTERPRETED AS

304.0	0.009-	306.0	0.014-	308.0	0.044-
304.5	0.007-	306.5	0.079-*	308.5	0.021-
305.0	0.005-	307.0	0.035-	309.0	0.002-
305.5	0.035-	307.5	0.054-*	309.5	0.009-

ANOMALY 2 - 314.5 TO 333.5 ; INTERPRETED AS

314.5	0.013-	321.0	0.016-	327.5	0.030-
315.0	0.008-	321.5	0.018-	328.0	0.027-
315.5	0.011-	322.0	0.025-	328.5	0.021-
316.0	0.012-	322.5	0.021-	329.0	0.022-
316.5	0.011-	323.0	0.014-	329.5	0.023-
317.0	0.011-	323.5	0.016-	330.0	0.016-
317.5	0.011-	324.0	0.020-	330.5	0.027-
318.0	0.006-	324.5	0.011-	331.0	0.031-
318.5	0.007-	325.0	0.015-	331.5	0.024-
319.0	0.010-	325.5	0.012-	332.0	0.040-
319.5	0.010-	326.0	0.016-	332.5	0.040-
320.0	0.006-	326.5	0.005-	333.0	0.010-
320.5	0.012-	327.0	0.079-*	333.5	0.003-

W1197 E
12/11/80

HOLE : 061419 *W1197 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 355. FEET
PROBED 346. FEET ON 10/28/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 336 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1198 E
12/11/80

HOLE : 061419 *W1198 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 230. FEET
PROBED 223. FEET ON 10/14/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 219 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1198 IS BARREN **

W1199 E
12/11/80

HOLE : 061419 *W1199 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 240. FEET
PROBED 216. FEET ON 10/16/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE : NO
DIRECTIONALLY DRILLED HOLE : NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.690
WATER DEPTH - 216 FEET
PIPE DEPTH - 216 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1199 IS BARREN **

W1200 E
12/11/80

HOLE : 061419 *W1200 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
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	42.5	0.216	40.0	9.197

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 42.5 FEET,
A GRADE OF 0.216 % U308, AND A G*T OF 9.197 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	42.5	0.216	40.0	9.197

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 42.5 FEET,
A GRADE OF 0.216 % U308, AND A G*T OF 9.197 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	42.5	0.216	40.0	9.197

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 42.5 FEET,
A GRADE OF 0.216 % U308, AND A G*T OF 9.197 %-FT.

W1200 E
12/11/80

HOLE : 061419 *W1200 E WORKMAN
GILA COUNTY, ARIZONA
LEASE ID :

PROPERTIES

TABULATED GRADE DATA

ANOMALY 1 - 32.5 TO 90.0 ; INTERPRETED AS

32.5	0.014-	52.0	0.197-***	71.5	0.312-*****
33.0	0.009-	52.5	0.319-*****	72.0	0.335-*****
33.5	0.007-	53.0	0.283-*****	72.5	0.391-*****
34.0	0.014-	53.5	0.184-***	73.0	0.427-*****
34.5	0.011-	54.0	0.172-***	73.5	0.450-*****
35.0	0.013-	54.5	0.160-***	74.0	0.253-*****
35.5	0.012-	55.0	0.205-*****	74.5	0.371-*****
36.0	0.014-	55.5	0.206-*****	75.0	0.281-*****
36.5	0.013-	56.0	0.256-*****	75.5	0.509-*****
37.0	0.013-	56.5	0.141-**	76.0	0.660-*****
37.5	0.013-	57.0	0.237-*****	76.5	0.516-*****
38.0	0.014-	57.5	0.262-*****	77.0	0.243-****
38.5	0.011-	58.0	0.300-*****	77.5	0.393-*****
39.0	0.020-	58.5	0.266-*****	78.0	0.592-*****
39.5	0.007-	59.0	0.274-*****	78.5	0.452-*****
40.0	0.077-*	59.5	0.245-*****	79.0	0.298-*****
40.5	0.137-**	60.0	0.266-*****	79.5	0.615-*****
41.0	0.092-*	60.5	0.185-***	80.0	0.397-*****
41.5	0.079-*	61.0	0.138-**	80.5	0.225-*****
42.0	0.053-*	61.5	0.134-**	81.0	0.356-*****
42.5	0.087-*	62.0	0.142-**	81.5	0.060-*
43.0	0.102-**	62.5	0.141-**	82.0	0.066-*
43.5	0.068-*	63.0	0.137-**	82.5	0.001-
44.0	0.072-*	63.5	0.155-***	83.0	0.024-
44.5	0.057-*	64.0	0.119-**	83.5	0.013-
45.0	0.058-*	64.5	0.096-*	84.0	0.014-
45.5	0.089-*	65.0	0.087-*	84.5	0.013-
46.0	0.095-*	65.5	0.063-*	85.0	0.012-
46.5	0.039-	66.0	0.210-*****	85.5	0.013-
47.0	0.105-**	66.5	0.174-***	86.0	0.012-
47.5	0.041-	67.0	0.191-***	86.5	0.013-
48.0	0.105-**	67.5	0.204-*****	87.0	0.013-
48.5	0.163-***	68.0	0.094-*	87.5	0.012-
49.0	0.134-**	68.5	0.219-*****	88.0	0.013-
49.5	0.164-***	69.0	0.251-*****	88.5	0.012-
50.0	0.191-***	69.5	0.234-*****	89.0	0.013-
50.5	0.222-*****	70.0	0.151-***	89.5	0.012-
51.0	0.289-*****	70.5	0.156-***	90.0	0.013-
51.5	0.152-***	71.0	0.267-*****		

W1200 E
12/11/80

HOLE : 061419 *W1200 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 130. FEET
PROBED 123. FEET ON 10/ 9/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE : NO
DIRECTIONALLY DRILLED HOLE : NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 123 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

<u>FORMATION</u>	<u>AGE</u>	<u>SUBDIVISION</u>	<u>LITHOLOGY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

<u>CHEMISTRY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO CHEMICAL UNITS RECORDED