PROJECT Anderson Mine HOLE SIZE _____ ☑ AIR ☐ WATER HOLE NO. AM-15

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY TSH DATE 2-12-75

SECTION 10 TOWNSHIP 11N RANGE 10W T.D. 510 P.D. 509

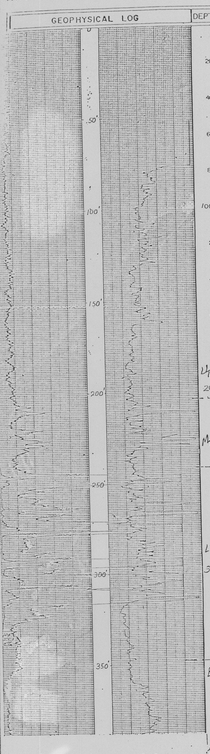
GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						0-10' sand, v. fn-med. grn, angular, qtz, feldp, t. mica, -stream fill - lt. buff
	20					10-30 sand, buff, as above, w/ t-r clay
						30-40' sand, lt. grn, fn-med. grn, angular-subangular, qtz, feldp, t-r. micas
	40					40-50 ss, cream-buff, fn-crse grn, subangular, qtz, feldp, micas
						50-70 ss, buff, v. fn-med grn, subangular, qtz, feldp, micas c. clay, c. basalt fr. local, buff & sltstns
	60					70-75 ss, red-buff, med grn, angular, qtz, feldp, micas, c. lm stn, t-r. hem stn
						75-80 ss, buff, v. fn-med grn, subangular, qtz, feldp, micas, c. lm stn
	80					80-100 ss, cream-buff, v. fn grn, subangular, qtz, feldp, micas, t. clay, t-r calcite cement
	100					100-110 ss, red-buff, v. fn-med grn, subangular, qtz, feldp, micas, c. clay t. calcite cement, r. hem stn, lm stn
						110-115 ss, grn-buff, v. fn-med grn, as above w/ tr. rk. frag. crse
	120					115-120 ss, red-buff, as in mud above
						120-125 ss, lt. buff, v. fn-fn grn, subangular, qtz, feldp, micas, c. clay
						125-155 ss, red-buff, fn-crse grn, subangular, qtz, feldp, micas, t-c rk. frag (sandstone) r. lm & hem stn
	140					
	160					155-160 ss, lt. buff, v. fn-med grn, subangular, qtz, feldp, micas, t. clay
						160-180 ss, buff v. fn-fn grn, subangular, as above w/ c-abun. clay & interbed sltstn
	180					180-185 sltstn, grn-buff, v. sandy
						185-195 ss, buff, v. fn-fn grn, subangular, qtz, feldp, micas, w/ interbed sltstn
	200					195-225 sltstn w/ c. interbed ss, as in mud above, v. sandy, buff
	220					
						225-235 ss, lt. buff, subangular, qtz, feldp, micas, t. lm stn, r-c. clay
	240					235-245 sltstn, buff, v. sandy, w/ sand as in mud above
						245-255 sltstn, grn, slightly sandy (only t-r)
	260					255-260 clystn, cream, r. calcite cement
						260-265 clystn & sltstn, grn
						265-275 clystn t-b, w/ calcite veining of clystn, cream-wh
	280					275-285 clystn & sltstn, cream-grn, t. lgwh & cream chert
						285-310 clystn, grn
	300					
						310-320 clystn, drk grn-blk, w/ c-abund carbonaceous material
	320					320-340 clystn, yellowish grn, c. carbonaceous material
	340					340-350 clystn, blue-grn, r. carbonaceous material
						350-375 clystn, grn, r. carbonaceous material, v. silty, calcareous?
	360					Note: @ 345' hit water & began drilling by injection of water samples therefore are poorer than previously described.
	380					375-380 clystn, grn-gray, t. carbon. material
						380-395 clystn, grn, t-r. carbon. material, c. ss (contamination?) calcareous
	400					395-400 clystn, grn, as in mud above except noncalcareous
						400-405 clystn, grn, as in mud above except calcareous
						405-410 clystn, grn-buff, calcareous
	420					410-455 clystn, sltstn, & fn ss, v. calcareous, r-c. carbonaceous material, generally poor return on samples
						Note: @ 440 drilled into SO_2 gas pocket - note also brackish water assoc. w/ these samples, interval tested for approx. 10'
	440					
	460					455-470 clystn & sltstn, calcareous, minor t. blk. carbonaceous material only v.
						470-510 Paleozoic conglomerate, red, units indistinguishable from cuttings
	500					
	510					Note: @ 510' began producing 50 gal/min water

water drilled samples described as cutting were caught

PROJECT Anderson Pole — HOLE SIZE 1 7/8 — ☐ AIR ☐ WATER — HOLE NO. [illegible]

ELEVATION ____ — NORTH ____ — EAST ____ — LOGGED BY TSH — DATE 2-12-75

SECTION 10 — TOWNSHIP 11N — RANGE 10W — T.D. 590 — P.D. 489

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						0-10' ss, sub, v fa-crse grn, subangular, g's, felds, c mica, calcareous c clay, rt Pebs.
						10-15 ss, cream, as immd. above.
						15-35 ss, buff, v fa-med grn, as immd above.
						35-40 ss & siltsto as immed above
						40-120 ss, dk buff, fa-crse grn, subangular, g's, felds, rt Pe
						r. calcareous zones, c-c. silt, r. lin'l bioms. stn
						@ 60' encountered water & sample immed. becomes poor
						120-170 ss, fa-med grn, reddish buff, see immd. above
						170-200 siltsto, red-buff, v. sandy
						200-230 siltsto, v. sandy, buff, poor samples
						230-240 Poor samples - impossible to interpret
						240-250 clystn, olive, silty
						250-370 clystn - olive - ?? v. poor samples - impossible to interpret
						370-385 clystn & siltsto (@ top), blue-grn, v. carbonaceous poor samples
						385-395 clystn, blk, w/ interbed v. sandy & silty zones driller observed gas (H_2S ?) @ 385'
						395-320 clystn, dk-grey, v sandy, c. carbonaceous material
						320-330 siltsto, gry-grn, v. sandy
						330-345 siltsto & clystn, gry-buff
						345-370 clystn, buff
						350-370 Basaltic clay, siltsto, sand, rt frag. - Paleosol & sylvan
						undifferentiated
						470' T.D.

MINERALS EXPLORATION CO.

COUNTY, WYOMING		HOLE NO. AP-1H	
LOCATION Anderson Pole		HOLE SIZE 1 7/8"	5.00
COUNTY Sweetwater	STATE Wyoming	[illegible]	5.00
		[illegible]	3.5 Calibre
		[illegible]	3 Calibre
		[illegible]	1
		[illegible]	1.24"
[illegible]	[illegible]	[illegible]	-
[illegible]	1.24"	[illegible]	-
[illegible]	1.24"	[illegible]	2.5 Hard
[illegible]	1.75	[illegible]	5.00
[illegible]		[illegible]	5.00
[illegible]	10	[illegible]	1.24"
[illegible]	[illegible]	[illegible]	1.24"
[illegible]	[illegible]	[illegible]	
[illegible]	330'		
[illegible]	390'		
[illegible]	90'		
[illegible]	590'		

AM-16C, Anderson Mine

interval 240' - 335'

T.S. Hellinger
4-14-75

Strip log

240 mdstn, gry-grn

241

242'

4" mdstn, olive-grn w/small thin minor carb. stringer & dissem. carb. material

243

244 2" mdstn, lt. grn w/interbed. wh mdstn & v thin carb. stringers & dissem. carb. note irreg. bedding - scour & slump features ?. Final 1" lt. buff, v. fn grn ss or sltstn

8" mdstn, grn

245

246 2" ss, grn, fn grn, subrounded, qtz, micas (drk grn, clear, etc.), feld?, clay

9" mdstn, grn

247

6" as above w/ 1/4" black lignite

10" mdstn, grn-gry, w/c. black carb. zones

248

10" mdstn, drk-gry, blk w/r. gry-grn, c.-abund. carb. mat.

249

3" lignite, blk w/tr. clay

6" mdstn, blk v. carbonaceous, convolute bedding, r.-c. blk. carbonaceous partings

250

10" lignite, drk brn

251 2" mdstn, grn

4" sltstn, drk brn - blk, v. carbonaceous, slightly sandy & tuffaceous

252 sltstn, gry-grn, slightly sandy & tuffaceous

3" mdstn, blk w/c. calcareous shells throughout

6" sltstn, drk-gry to blk slightly sandy & tuffaceous w/r. lt. mdstn & carbonaceous mat. ox partings & hairline fractures — throughout

253 2" mdstn, gry - drk gry, silicified

254

4" mdstn, gry, silicified, highly fractured w/ calcd. vx fractures

8" sltstn, drk brn, slightly sandy, tuffaceous, slightly calcareous

255'

256

7" Fault gouge ?, wh, lt. buff chert frag., wh clay, moderately calcified

257