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05/13/86

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: HOPE GROUP

ALTERNATE NAMES:

GILA COUNTY MILS NUMBER: 340D

LOCATION: TOWNSHIP 6 N RANGE 14 E SECTION 30 QTR. NE

LATITUDE: N 33DEG 50MIN 27SEC LONGITUDE: W 110DEG 57MIN 00SEC

TOPO MAP NAME: MCFADDAN PEAK - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

TUNGSTEN-(M)W03 CONTENT -

PRIMARY

BERYLLIUM-RECOVERABLE

BIBLIOGRAPHY:

ADMMR HOPE GROUP FILE

ADMMR "U" FILE, BERYL

USAEC 172-480 GILA CTY PRELIM RECONN REPT

1954 P 102

GRANGER H C & RAUP R B GEOL OF U DEPTS IN

DRIPPING SPRING QUARTZITE USGS PP 595 P 64

SUPP TO USGS PP 595 P 44-53

AZBM BULL 180, P. 105

DOE-RME 2084 DIAMOND DRILLING IN THE SIERRA

ANCHA AREA, GILA COUNTY (MICROFISCH)

USGS MF 1162-H

USGS BULL 1046, P. 432

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

INFORMATION FROM MINE CARDS IN MUSEUM

ARIZONA

MM 1431 Pitchblende
1477 "

GILA COUNTY

HOPE MINE MHS# 340D

O-AKA's

Hope Group (file)

Visited the Tuba City Mill of Rare Metals Corp. and obtained from Mr. Gommell, Supt., the August production figures, sources of mill feed, etc.

The milling rate and grade of ore milled in August was normal. Receipts of ore were as follows:

Orphan Mine	6576 tons	.28	$U_{30}O_8$
Ramco & Huskon properties	48 tons	.30	
Hope No. 3 (H.C. Smith)	434 tons	.48	
Twilight	91 tons		
Utah Southern	<u>105 tons</u>		
	7254		

The balance of the August mill feed (total 9300) was obtained from the mill stockpile. Cameron shipments were unusually low because of low production by Cameron Mining Co. during Blakemore's absence of more than 2 weeks from the district and because of equipment breakdown at another property. The Orphan output was low but is expected to be higher in September, perhaps 7500 tons or better.

Interviewed Ray D. Eicher, Land Operations Officer at the Tuba City Navajo sub-agency office. He reported no new leasing activity and no mine work in progress in the White Mesa region. TPL WR 9-17-60

HOPE GROUP

GILA COUNTY

Arizona Continental Uranium - Subsidiary of Continental Uranium, Inc. Jerry Weathers called re Hope Mine.

Formerly leased to H. C. Smith and recently operated by Continental until AEC stopped shipments on the ground of non-amenability to treatment. Jesse Johnson has indicated some possibility of persuading AEC to take in the developed reserves in the Globe area, but it is only a possibility.

Hight, exploration chief for Continental, is optimistic about the uranium veins in the Globe area.

Weathers was interested in the possible influence of the Santa Maria uranium in getting a treatment plant in central Arizona.

There are two DMEA contracts in the Globe area - Saylor's is one. If they find uranium, what can they do with it?

Continental has been shipping 3-400 tons per month of 0.5% U_3O_8 ore from the Hope mine's 3-4 ft. vein of pitchblende to Grants, New Mexico. Costs of shipping:

	<u>Per Ton</u>
Loading	\$ 0.50
Trucking	4.00
Freight	<u>10.17</u> (\$30 value
	\$14.67

AEC allowance	
100 mi. @6¢	<u>6.00</u>
Co. pays	\$ 8.67

If loaded in proper type car AEC takes care of the unloading and trucking at Grants.

Weathers promised to send in a copy of AEC's letter cutting them off.

So far they have not succeeded in interesting Tuba City or other plants in treating their ore.

FPK Note 10-31-57

Continental Uranium, Inc. -

Name changed to: Continental Materials Corporation
Mining Division
Gen. Supt. - C. H. Reynolds
Office - Continental Uranium Bldg.
Grand Junction, Colorado

FPK 2-28-58

Bill Smithson, geologist. 11-10-61

ARIZONA CONTINENTAL URANIUM, Globe, Arizona

URANIUM
(Inactive)

Sierra Ancha Dist. Hope Claims - 16 claims

ARIZ. CONT. URANIUM - 4401 W. N. Ave., Chicago, Ill.

Gerald Gidwitz (")

Supt. - Foust McConochie, Young Rt, Globe

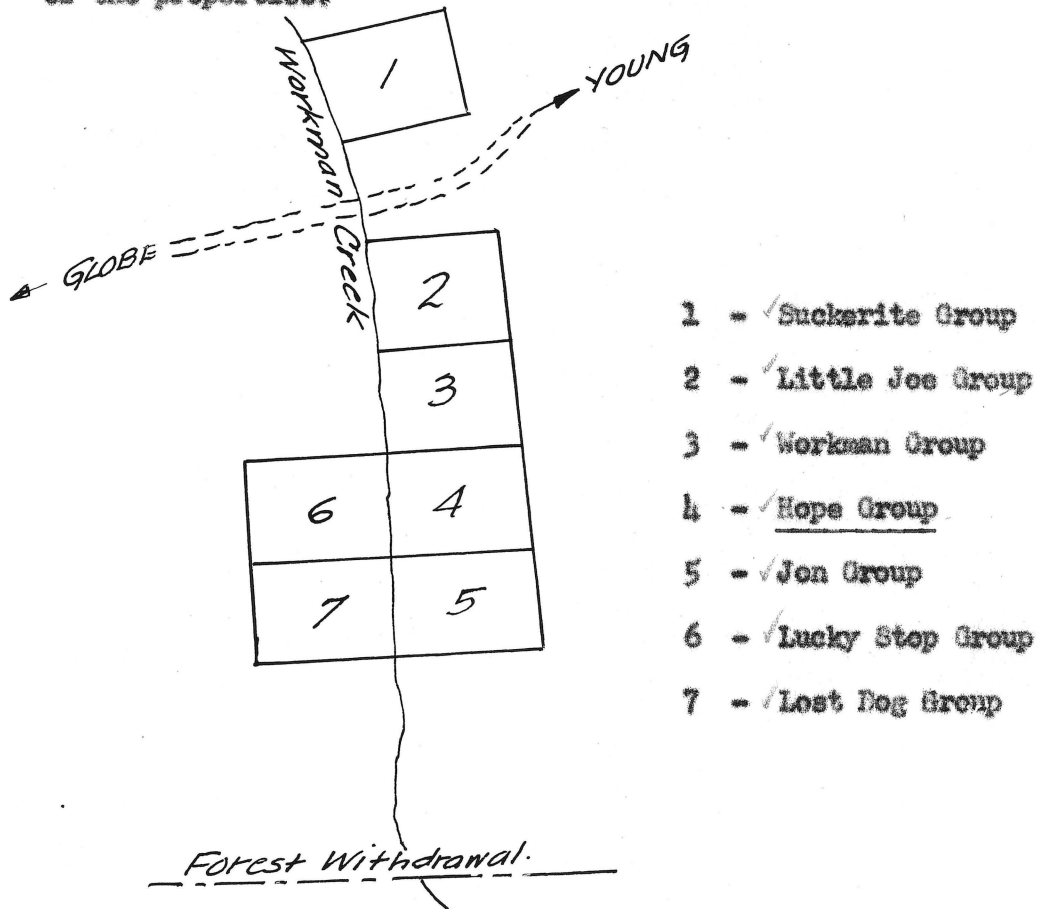
100 tons March 12, 1957

L.A.S.

May 23, 1957

WORKMAN CREEK UPRIGHT

B. J. Squire and Lewis A. Smith visited the Workman Creek Area, Thursday, May 23, 1957. The following sketch shows the distribution of the properties.



DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine HOPE CLAIMS

Date May 23, 1957

District Workman Creek Dist., Gila County

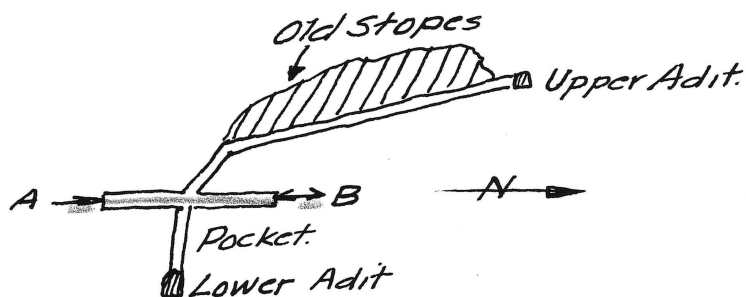
Engineer Lewis A. Smith
B. J. Squire

Subject: Workman Creek Uranium

Location: T6N, R14E.

Owner: Arizona Continental Company, Globe, Ariz.
Box 347

Operator: H. C. Smith, /Globe, Arizona, is working two areas on the Hope Claims, both following faults. The following sketch shows the main workings: -



SECT.

- (B) The ore is being mined over a 3' width by means of a slusher. The face consists of $1\frac{1}{2}'$ of pitchblende bearing material, which runs 0.4-0.7% U_3O_8 and $1\frac{1}{2}'$ of material averaging about 0.1%. The average grade, according to the foreman, would mine at about 0.40%.
- (A) The south heading has a narrower ore streak and somewhat less average grade. Near the outcrop autunite appears. The average bit (Carbide insert) lasts about 300-350 feet, a good performance for quartzite. The headings are worked alternately. The old stope is about 3' wide, 200' long and 20 to 40' high.

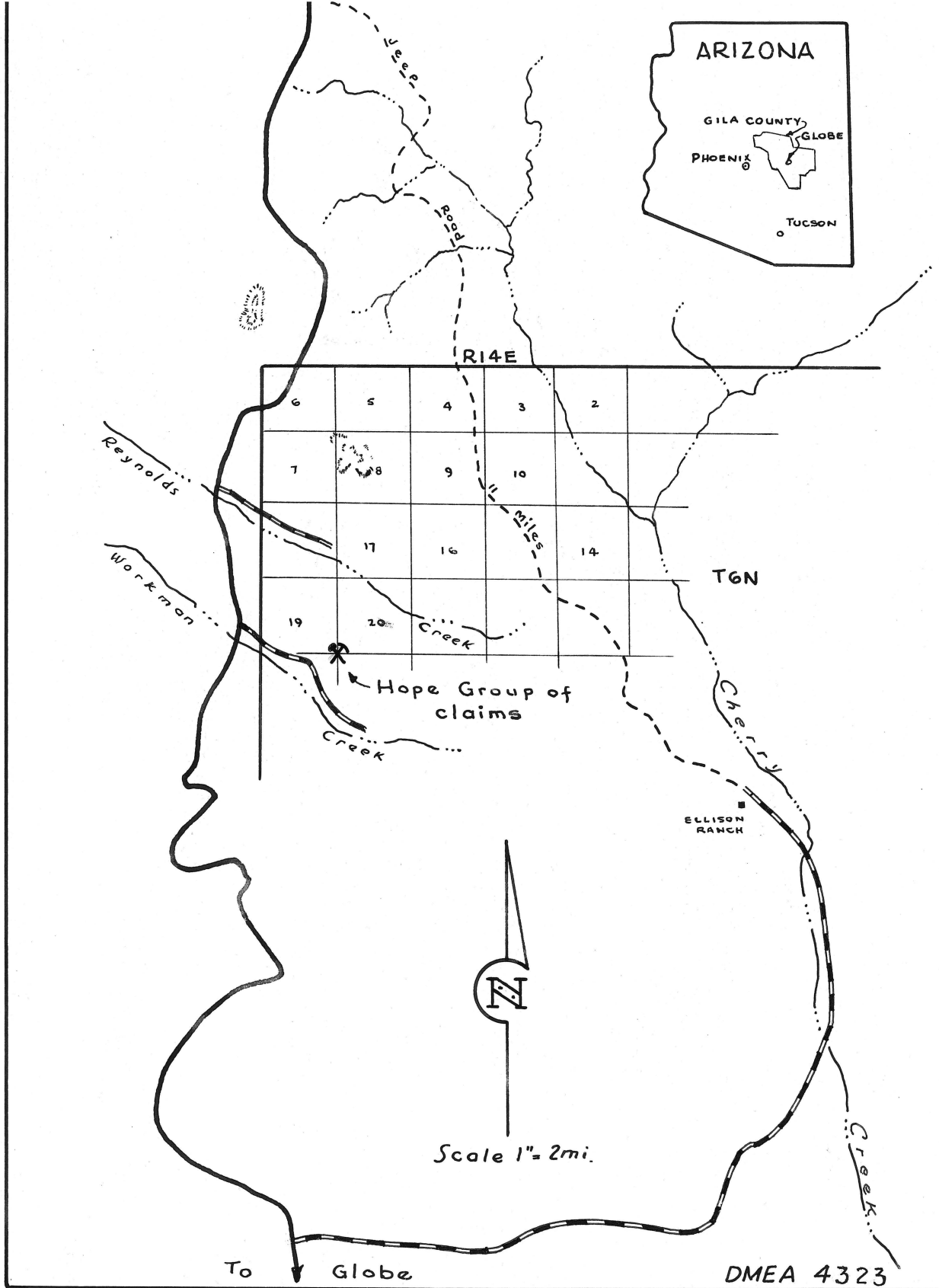


FIG. 1 LOCATION MAP, WESTERN MINES DEV. CO.
GILA COUNTY, ARIZONA

HOPE - URANIUM

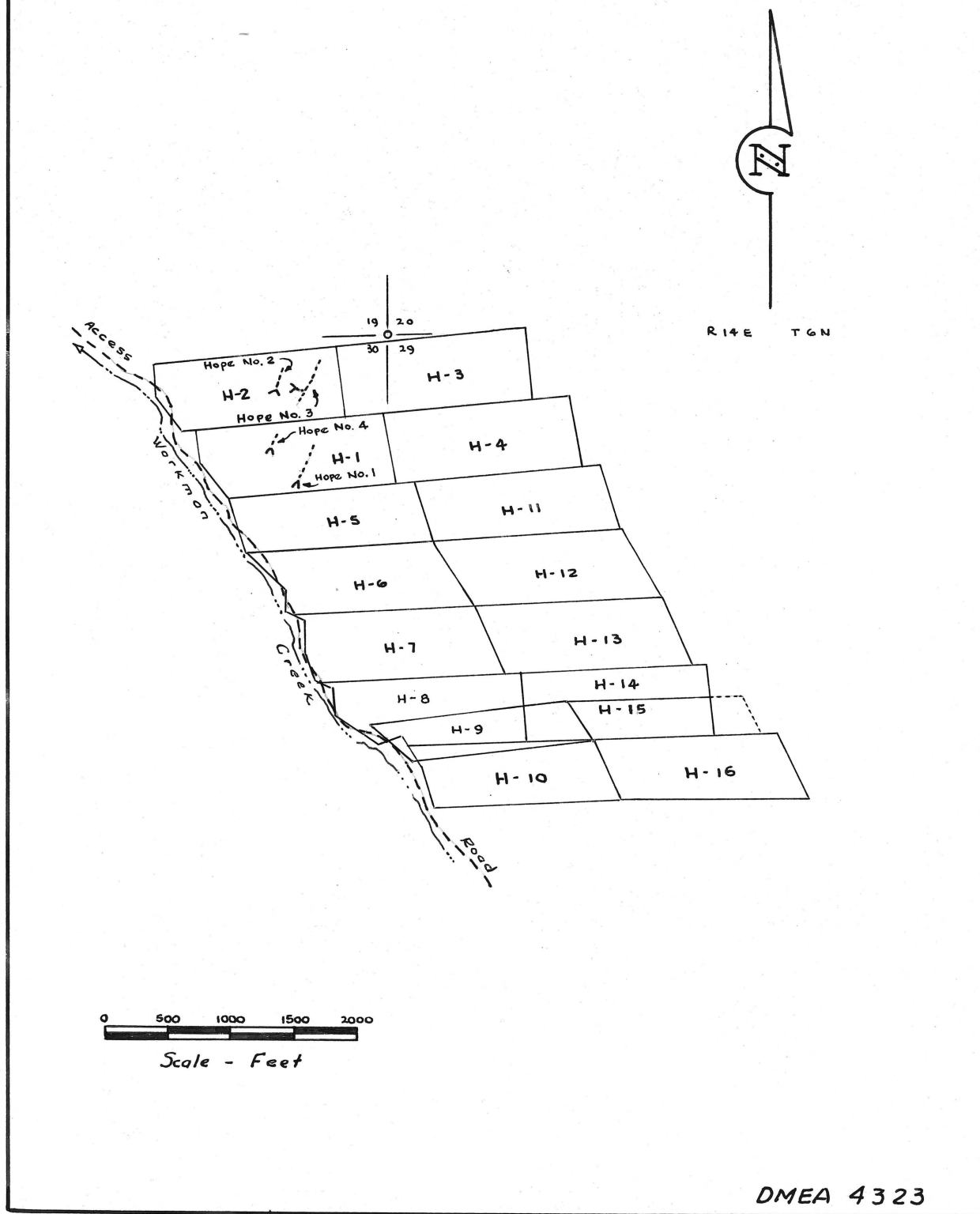


FIG. 2 CLAIM MAP, WESTERN MINES DEV. CO.
GILA COUNTY, ARIZONA

HOPE - URANIUM