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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: HAIGLER CLAY

ALTERNATE NAMES:

COCHISE COUNTY MILS NUMBER: 792

LOCATION: TOWNSHIP 15 S RANGE 24 E SECTION 16 QUARTER E2
LATITUDE: N 32DEG 07MIN 58SEC LONGITUDE: W 109DEG 53MIN 10SEC
TOPO MAP NAME: RED BIRD HILLS - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:
CLAY

BIBLIOGRAPHY:

ADMMR HAIGLER CLAY FILE
DPSTS ALSO IN IMMEDIATE ADJACENT SECS. OF
WILCOX PLAYA
MOHON, JOHN, 1979, CERAMIC MATERIALS IN SOUTHERN
ARIZONA, P.6, (GEOLOGY FILE)

FDVS.07

Department of Mines and Mineral Resources

MINE AND PROSPECT FIELD VISIT DATE SUMMARY

Sheet 1 of 2

COMMODITIES: Clay

MILS ID No.: New

DATE: May 11, 1989

ENGINEER: Nyal Niemuth & Ken Phillips

INFORMATION FROM:

PROPERTY SUMMARY

I. MINE NAME: Haigler Clay OTHER POSSIBLE NAMES
INCL. ANY CLAIM NAMES NOTED:

II. LOCATION: T 15S R 24E SEC(S): 16 MINE DISTRICT
ELEV.: COUNTY Cochise TOPO QUAD. Cochise 15

DIRECTIONS:

MAP ATTACHED

III. OWNERSHIP: NAME PHONE:

ADDRESS:

COMPANY NAME IF ANY:

PERTINENT PEOPLE:

IV. PROPERTY AND HOLDINGS:

V. PAST PRODUCTION-NOTED, KNOWN, PROBABLE, UNKNOWN, NONE: None

VI. CURRENT STATUS: Explored prospect

VII. WORKINGS: None

Sheet 2 of 2

VIII GEOLOGY AND MINERALOGY: DEPOSIT TYPE: Plya (Lacustrine Clay)

LENGTH: **WIDTH** **VEIN STRIKE** **DIP**

HOST ROCK:

ECONOMIC MINERALS: Clay - Pistacho Green in color, very wet, highly plastic and cohesive, much like modeling clay

COMMENTS: Green clay sampled in hand dug shallow pit. Believed to be at least 60' thick and over square mile in area from previous reports

IX. EQUIPMENT ON SIGHT:

X. SAMPLING: NOTE TYPE IF ANY, DRILLING?

XI. REFERENCES AND REMARKS:

HAIGLER CLAY

IN PART FROM REPORT OF HAIGLER LIMESTONE DEPOSIT BY RICHARD MIERITZ. ENTIRE REPORT IN HAIGLER LIMESTONE FILE.

REPORT DATE = 1961

CLAY DEPOSIT

The clay property included in the "unitization" is in Sulphur Springs Valley, adjacent to the Railroad and nine miles distant over a well maintained road, thus, transportation of the material to the cement plant site (Section 15?) can be either by truck or railroad.

This property has been established and partially developed as a suitable admixture clay deposit by six wide spaced "2 inch" diameter auger holes to a depth of 12 feet, also by two diamond drill holes to 60 foot depths. The development indicates ample clay reserves for any requirements demanded by the cement plant capacity and its suitability would be determined in any and all tests of the total aggregate in cement production. The occurrence of this material lies in an ancient dry lake in Sulphur Springs Valley. (See Plate 3, General Surface Map and Sample Data Sheet.)

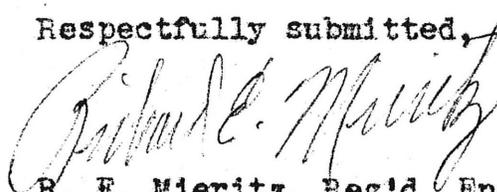
MINING

Low cost mining can be accomplished easily for the limestone, shale and clay materials. Little to no stripping of over-burden would be required. Mining of the limestone can be accomplished by a shovel-truck operation with very short hauls, 1/2 to 1 mile for the limestone; mining of the shale and clay can be accomplished by front end loader-truck combination with

very short hauls, $\frac{1}{2}$ to 1 mile for the shale and nine miles for the clay. All mining for many years to come would be north and above the present gravel contact and all loads for the limestone and shale would have favorable down grades.

The limestone is of medium to fine grained in character, being fractured sufficiently to permit good fragmentation by inexpensive blasting methods. Little secondary blasting would be required.

Respectfully submitted,



R. E. Mieritz, Reg'd. Eng.
Phoenix, Arizona

January 23, 1961



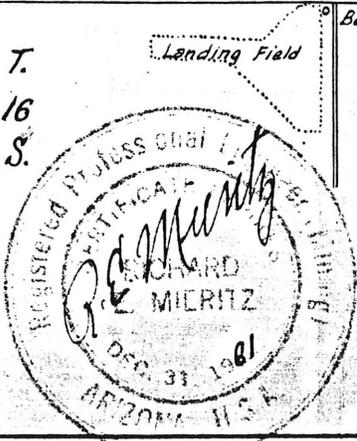
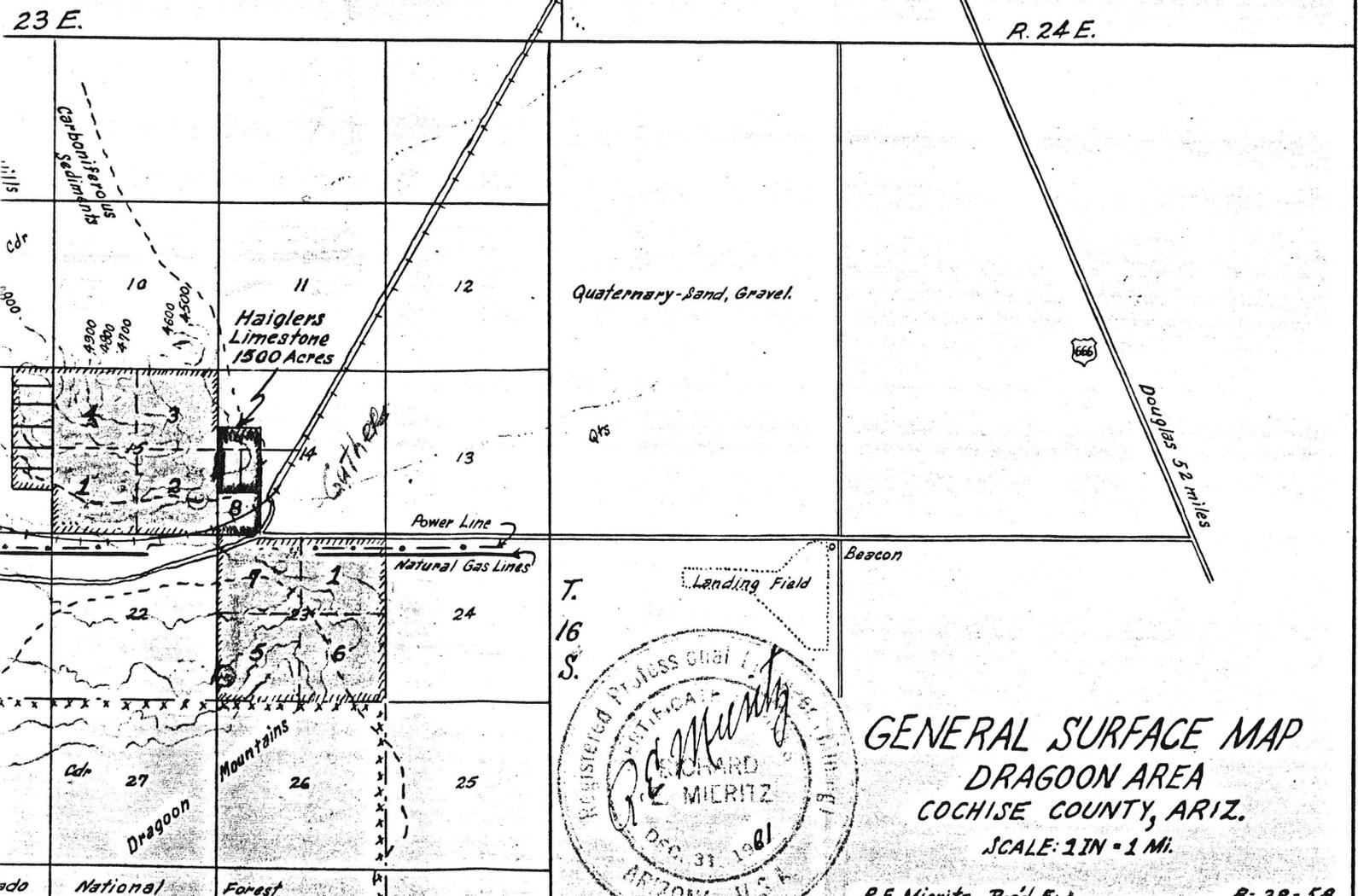
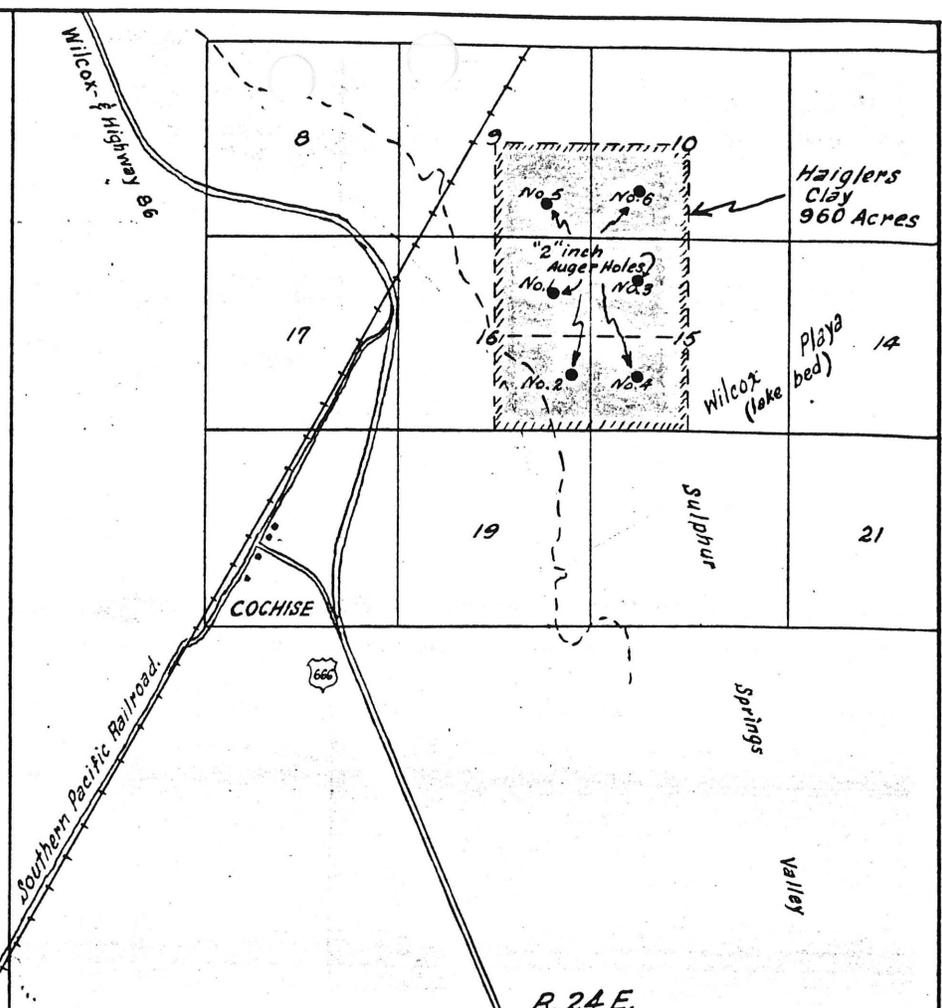
Wilcox - 11 miles



T. 15 S.

LEGEND

-  Property - A. C. Haigler, et al.
-  Qts - Quaternary Sand, gravel, conglomerate.
-  Kgr - Cretaceous Granite, monzonite, etc.
-  Cdr - Carboniferous - Redwall & related limestones.



GENERAL SURFACE MAP
DRAGOON AREA
COCHISE COUNTY, ARIZ.
SCALE: 1 IN = 1 MI.

R.E. Mieritz, Regd. Eng

8-28-58

PUT IT IN WRITING

MEMORANDUM

January 2 1973

From

To Leon Adams

<u>SO₂</u>	<u>CaO</u>	<u>Fe₂O₃</u>	<u>Total</u>	<u>SiO₂</u>	<u>Al₂O₃</u> <u>P₂O₅</u>	<u>MgO</u>	<u>Alk's - Chlor</u>	<u>Na</u>	<u>K₂O</u>
0.25	13.4	19.8	33.15	43.3	18.1	1.54		1.15	0.48

Adams sample - surface
 clay in W/2 Sec. 16, T. 15S. R. 24E. Cochise

<u>Cr₂O₃</u>									
0.58	9.07	15.75	24.82	43.90	19.90	1.95			8.75