

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-015-21783
5. LEASE DESIGNATION AND SERIAL NO.

NM 0557371

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Empire Abo Pressure
Maintenance Project

8. FARM OR LEASE NAME

Empire Abo Unit "J"

9. WELL NO.

202

10. FIELD AND POOL, OR WILDCAT

Empire Abo

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

1-18S-27E

12. COUNTY OR PARISH 13. STATE

Eddy,

N.M.

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Atlantic Richfield Company ✓

3. ADDRESS OF OPERATOR

P. O. Box 1710, Hobbs, New Mexico 88240

APR 13 1976

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

2490' FNL & 1299' FEL (Unit letter H)

At proposed prod. zone

as above

O. C. C.
ARTESIA, OFFICE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

13 miles East Artesia, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

4184.86 Federal

7274.32 State

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6295'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3656.1' GR

22. APPROX. DATE WORK WILL START*

4/19/76

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8" OD	24# K-55	1000'	Circ to surface
7-7/8"	5-1/2" OD	14 & 15.5#K-55	6295'	Circ to surface

Propose to drill a producing oilwell in the Empire Abo Unit to complete a more efficient producing pattern, to conserve energy, promote the greatest ultimate recovery of unit reserves, prevent waste and protect correlative rights. Proposed non-standard well location to meet all requirements of order no. R4549-B, Rule 14, NSL 743.

See blowout preventer program attached.

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ARTESIA, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

Dist. Drlg. Supv.

DATE

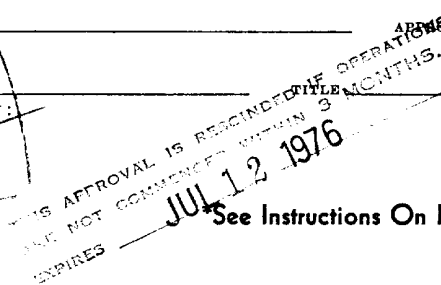
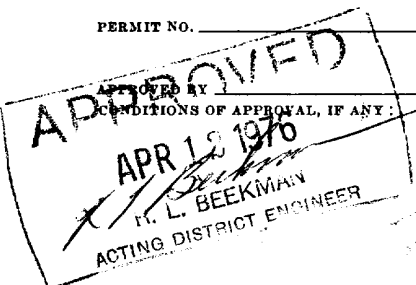
3/29/76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DATE



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

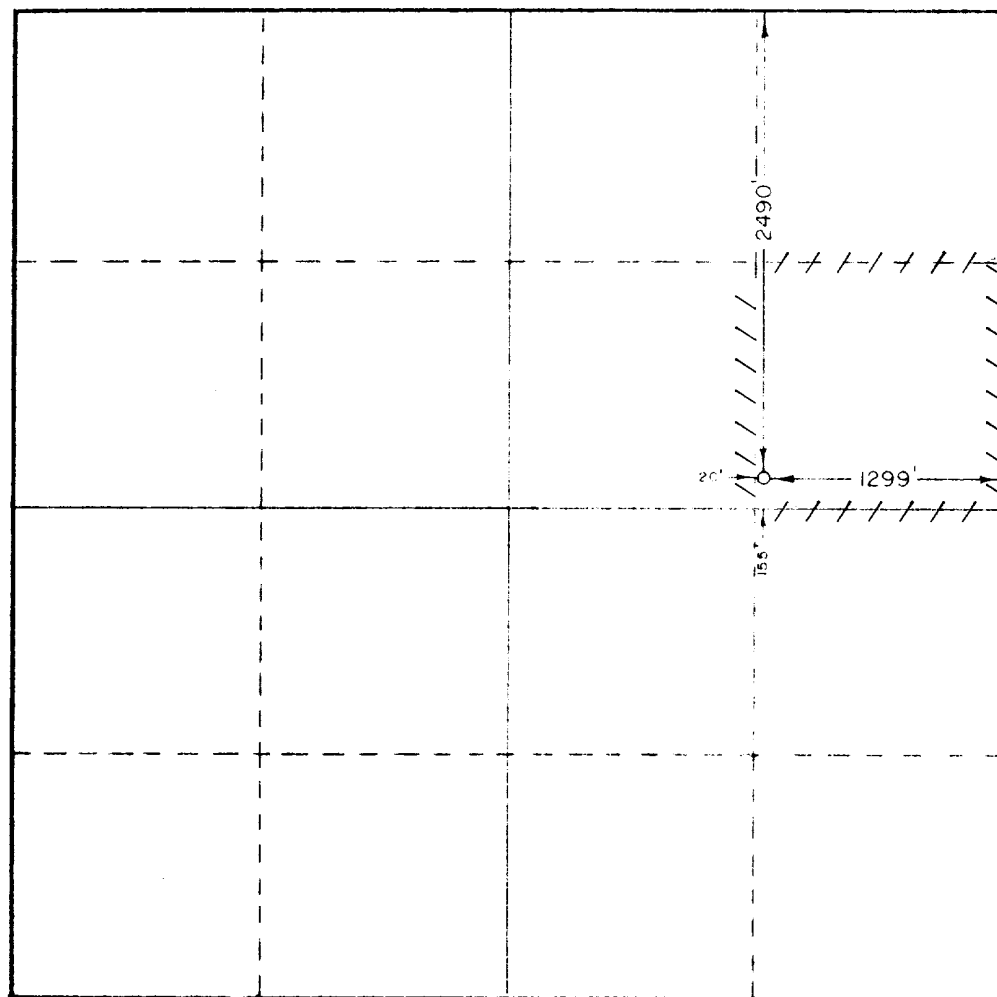
Operator Atlantic Richfield Company			Lease Empire Abo Unit J		Well No. 202
Unit Letter H	Section 1	Township 18 South	Range 27 East	County Eddy	
Actual Footage Location of Well:					
2490 feet from the North line and		1299 feet from the East line			
Ground Level Elev. 3656.1	Producing Formation Abo Reef	Pore Empire Abo	Educated Appraiser 40		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



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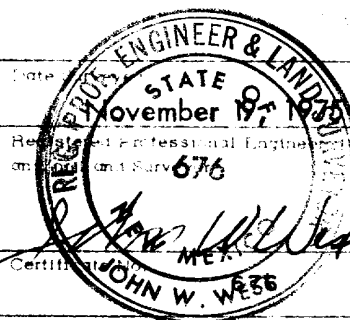
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name *[Signature]*
Position *[Signature]*
Dist. Dirg. Supv.

Company
Atlantic Richfield Company

Date
3/29/76

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.



North American Producing Division
Permian Dist. - West Area
Post Office Box 1710
Hobbs, New Mexico 88240
Telephone 505 393-7163



George V. Ricks, Superintendent
Production & Drilling

March 29, 1976

U. S. Geological Survey
P. O. Drawer U
Artesia, New Mexico, 88210

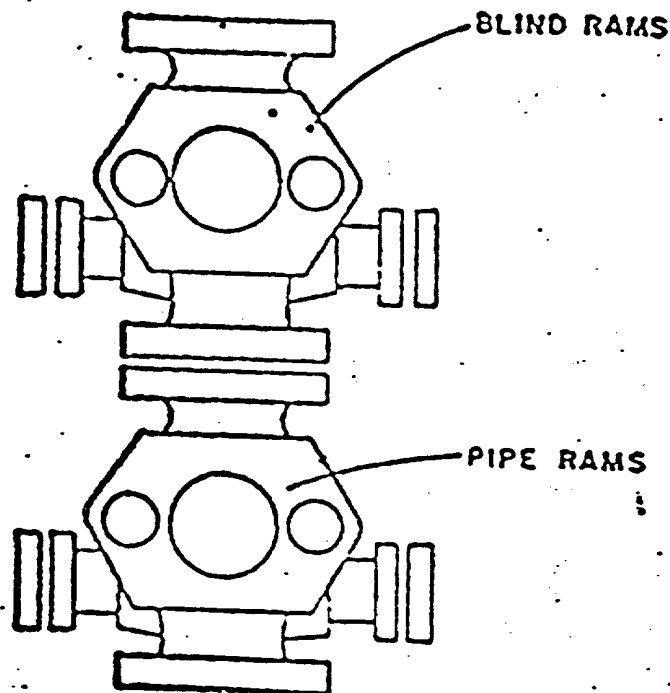
Re: Application for Permit to Drill
Empire Abo Unit "J" 202
2490' FNL & 1299' FEL (Unit letter H)
Section 1, T1&S, R27E, Eddy County, New Mexico

1. We will exit off U. S. Highway 82 south approximately 13 miles east of Artesia, New Mexico. Attached is Exhibit #1 on which proposed location in Section 1 has been indicated along with existing roads.
2. Planned access roads: None planned. See Exhibit #1.
3. Location of existing wells: See Exhibit #2.
4. Lateral roads to well locations: See Exhibit #1.
5. Location of tank battery: See Exhibit #4.
6. Location and type of water supply: Fresh water wells Empire Abo Unit.
7. Methods for handling waste disposal: Solid waste will be buried on location.
8. Location of camp: No camp proposed.
9. Location of airstrip: No airstrip proposed.
10. Location of layout to include position of the rig, mud tanks, reserve pits, pipe racks, etc: Rig drilling mat attached. Drilling pad to be compacted. See Exhibit #3.
11. Plans for restoration of the surface. Graded and leveled to contour of surrounding area.
12. Any other information that may be used to evaluate the impact on environment. The area is generally level and of barren surface vegetation. No impact of significance to environment.

Yours truly,

J. D. Jones
District Drilling Supervisor

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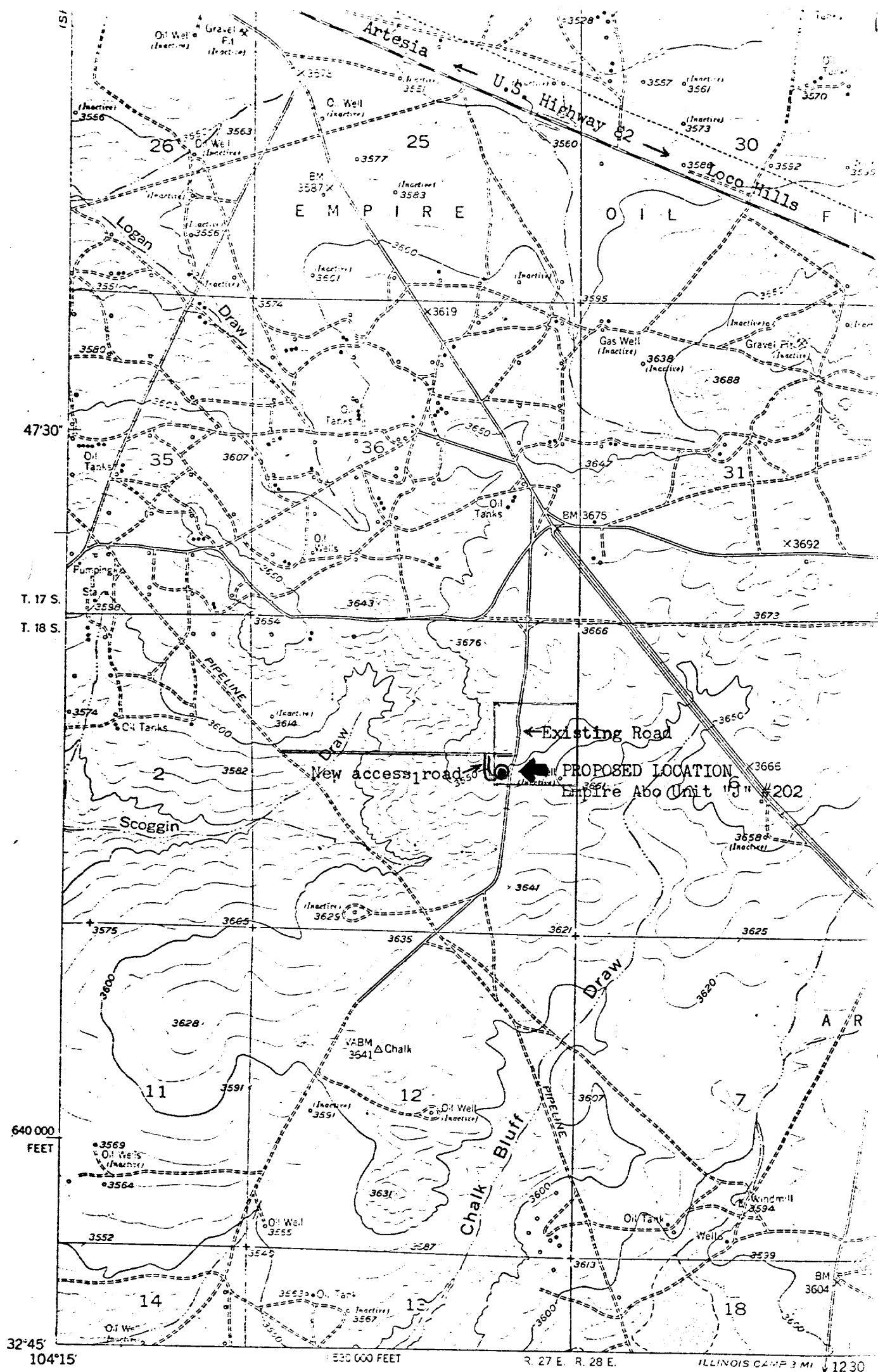
ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Empire Abo Unit "J"

Well No. 202

Location 2490' FNL & 1299' FEL
Sec 1, T18S, R27E, Eddy County

BOP to be tested before installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.



Mapped, edited, and published by the Geological Survey;
Control by USGS and USC&GS

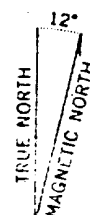
SCALE - 1" = 2000'

EXHIBIT #1

Culture and drainage in part compiled from aerial photographs
taken 1946. Topography by planetable surveys 1955

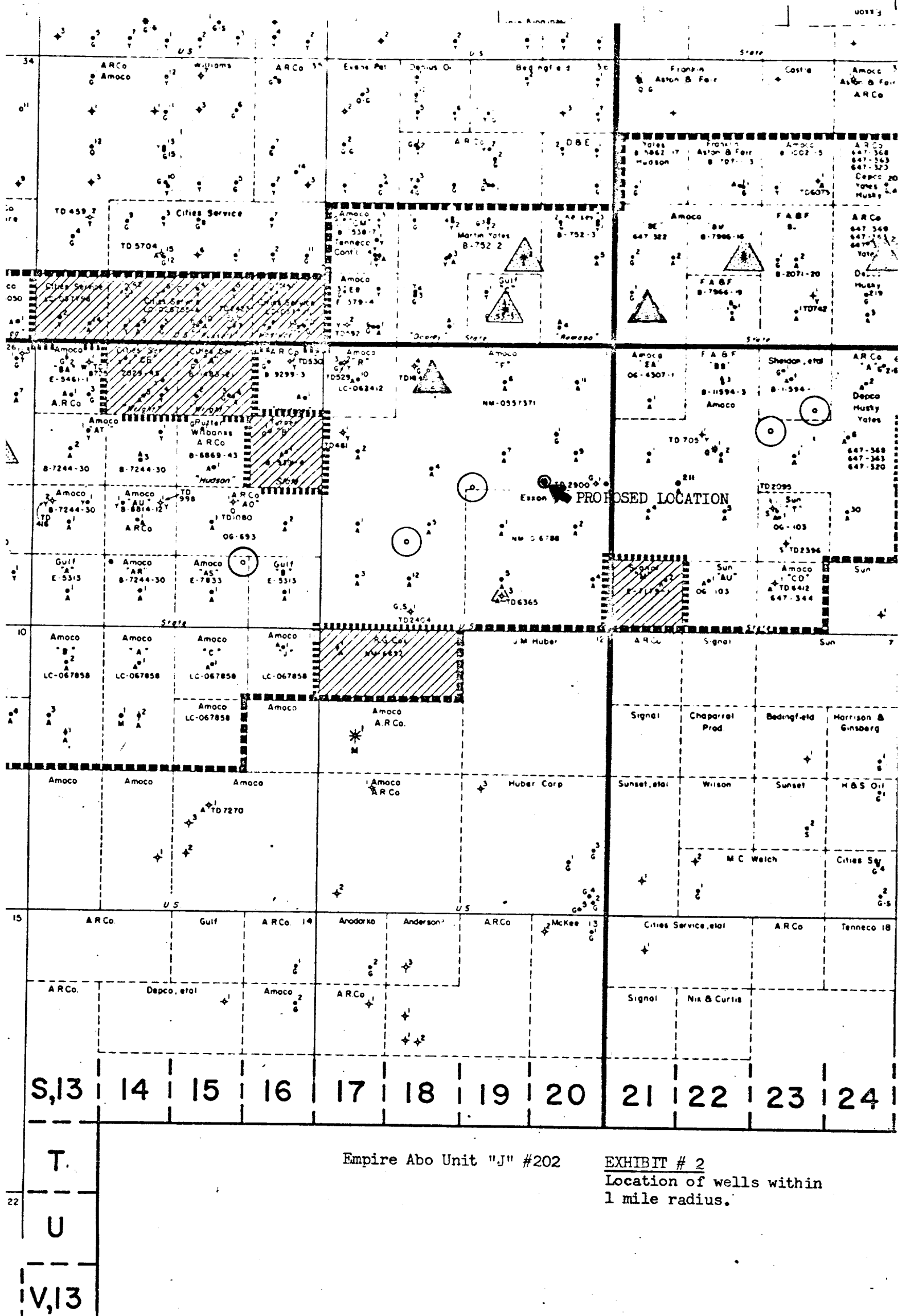
Polyconic projection, 1927 North American datum
10,000-foot grid based on New Mexico coordinate system,
east zone

All wells labeled inactive are dry, capped, or abandoned



APPROXIMATE MEAN
DECLINATION, 1955

LAKE MC MILLAN NORTH





ALEXANDER

- **CONTRACTOR SHALL TURN IN, NOW, A SUMMARY OF CURRENT CALIFORNIA MINING LAWS, AND COMPLETE, FATHER SHALL BE COMPLETED, FATHER SHALL BE APPLIED AT THE APPROXIMATE RATE OF DOLLAR PER 30 FT. IN AREA OUTLINE BY A AREA WITH A DASHED LINE SHALL BE IDENTIFIED WITH PWD.**

A. ROAD WARE APPLICATIONS

1. ROAD SHALL BE LOCATED IN THE BEST LOCATION IN
THE VICINITY OF 1/2 MILE WITH CURVES AND A
SLOPE AS TO ACCOMMODATE LOADED TRUCKS
2. ROAD SHALL BE CORRECTED WITH 6" CURVED
PISTON PILES AT THE RATE OF APPROX. ONE CM
PER 30' FT.
3. ATLANTIC SMALL FURNISH AT THE LOCAL
AT CATTLE GUARD, FINDER GUYS, AND POSE.
CONTRACTOR SHALL INSTALL CATTLE GUARD,
LANDMARKS SPECIFICATIONS.
4. EXTRA CALCIUM FOR ALL TURNING RABBIT
BE ANTICIPATED AND LINEAR MEASURE
BOS SHALL INCLUDE SUCH EXTRA CALCIUM
REQUIREMENTS.

C. General

1. DRILLING HAT CONTAINS AN ESTIMATED
CU TOT. 10000 MEASUREMENT.
2. CONTRACTOR SHALL BE RESPONSIBLE
ALL ACTIVITIES INCLUDING PIG CENTRAL
FEED, IF ANY.
3. GUARAN TO BE STAYED WOOD FRAME.

[illegible]

1



Under unitized operation, well locations will be identified according to the alphabetic-numeric designations shown along the west and north boundaries of this map.

SCALE - 1" = 2000'

EXHIBIT #4