

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other instructions on
reverse side)

30-015-21792

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

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

At surface

2370' FWL & 1533' FSL (Unit letter K)

At proposed prod. zone

as above

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

13 miles East of 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

6365'

20. ROTARY OR CABLE TOOLS

Rotary

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

3613' GR

22. APPROX. DATE WORK WILL START*

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	6365'	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 4/6/76

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES JUL 22 1976

DATE

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-101
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

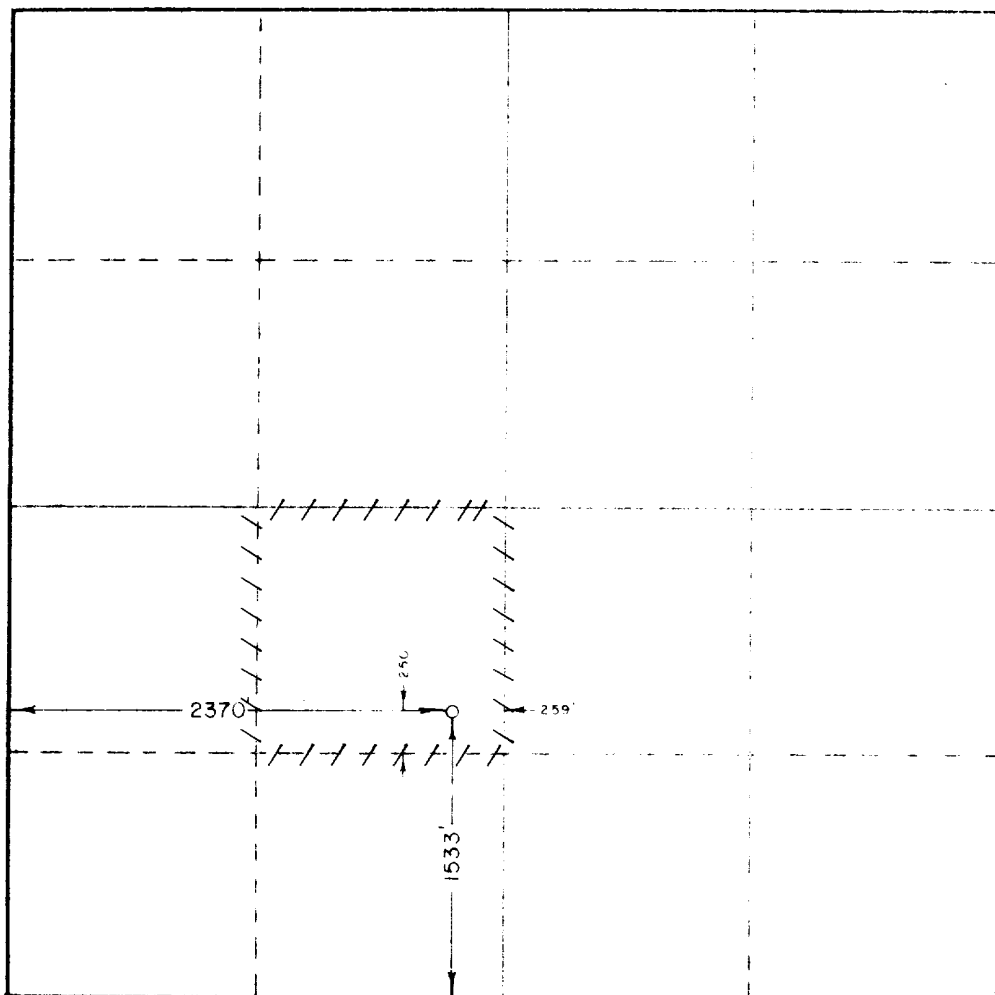
Operator Atlantic Richfield Company			Lease Empire Abo Unit K		Well No. 182
Range K	Section 1	Township 18 South	Range 27 East	County Eddy	
Actual Footage Location of Well:					
2370	feet from the	West	line and	1533	feet from the
Ground Level Elev. 3613		Producing Formation Abo Reef		Lease Empire Abo	
				Section 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 (if so 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.



CERTIFICATION

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

[Signature]

Dist. Dirg. Supv.

Atlantic Richfield Company

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

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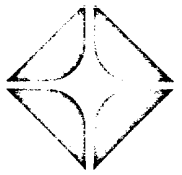
November 19, 1975

JOHN W. WEST

676

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

George V. Ricks, Superintendent
Production & Drilling



April 5, 1976

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

Re: Application for Permit to Drill
Empire Abo Unit "K" 182
2370' FWL & 1533' FSL (Unit letter K)
Section 1-T18S-R27E, Eddy County, New Mexico

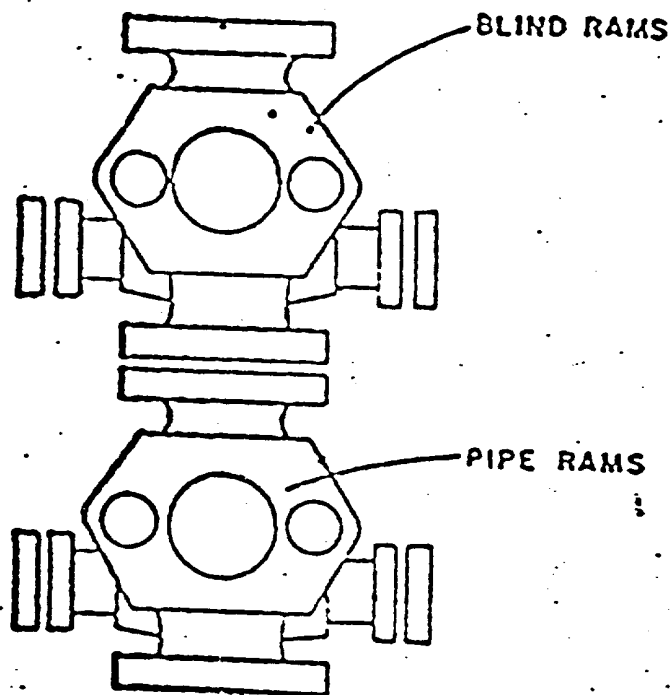
1. We will exit off U. S. Highway 82 south approximately 13 miles east of Artesia, New Mexico. Attached is Exhibit #1 on which proposed location in Section 1 has been indicated along with existing roads.
2. Planned access roads: See Exhibit #1.
3. Location of existing wells: See Exhibit #2.
4. Lateral 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 diagram 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

JDJ:kw

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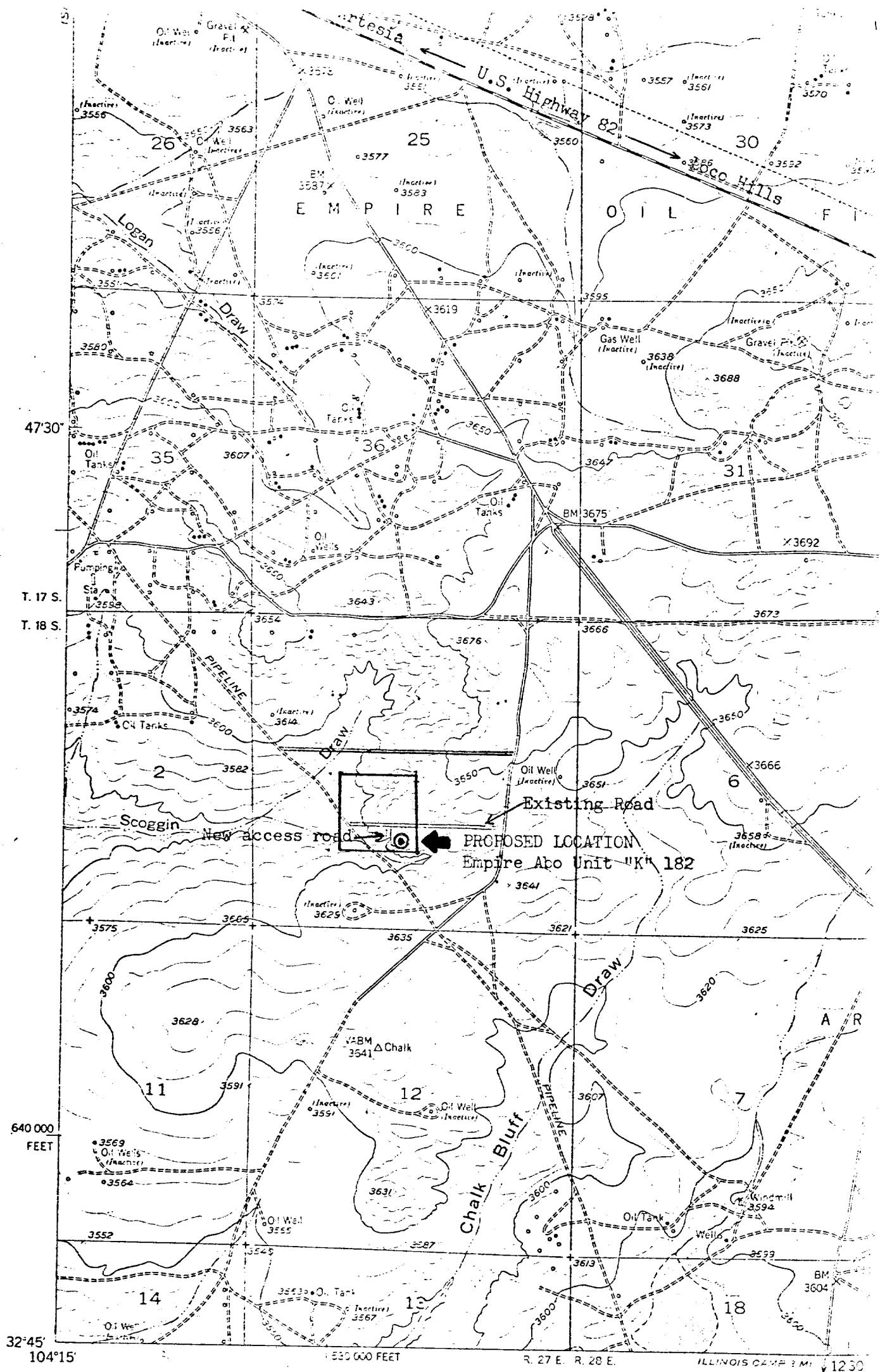
ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Empire Abo Unit "K"

Well No. 182

Location 2370' FWL & 1533' FSL
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

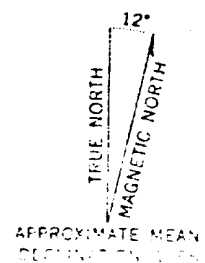
SCALE - 1" = 2000'

EXHIBIT # 1

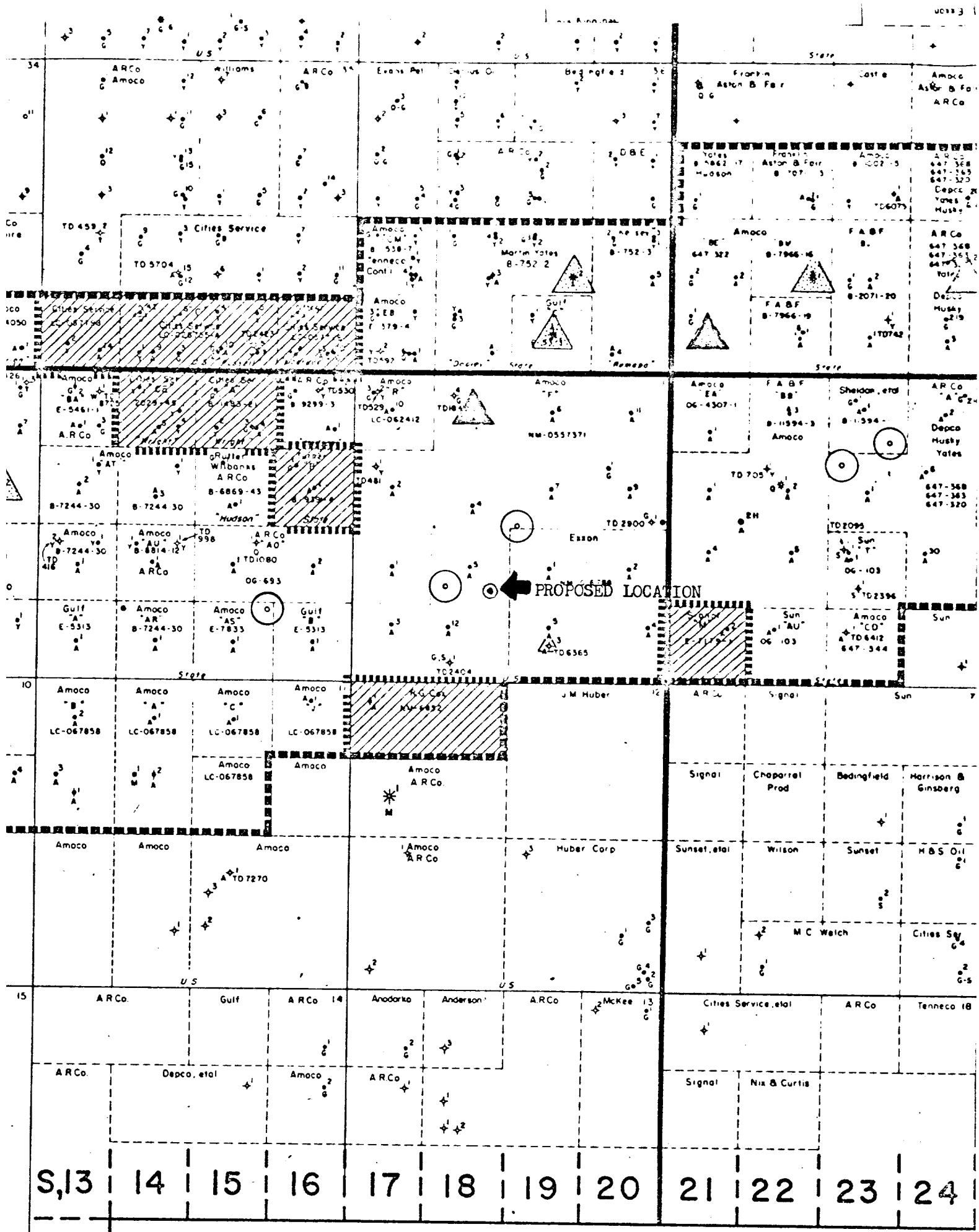
Culture and drainage in part compiled from aerial photographs
taken 1946. Topography by planetable surveys 1955

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

All oil wells labeled inactive are dry, capped, or abandoned

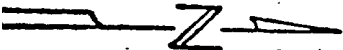


(LAKE MC MILLAN NORTH)

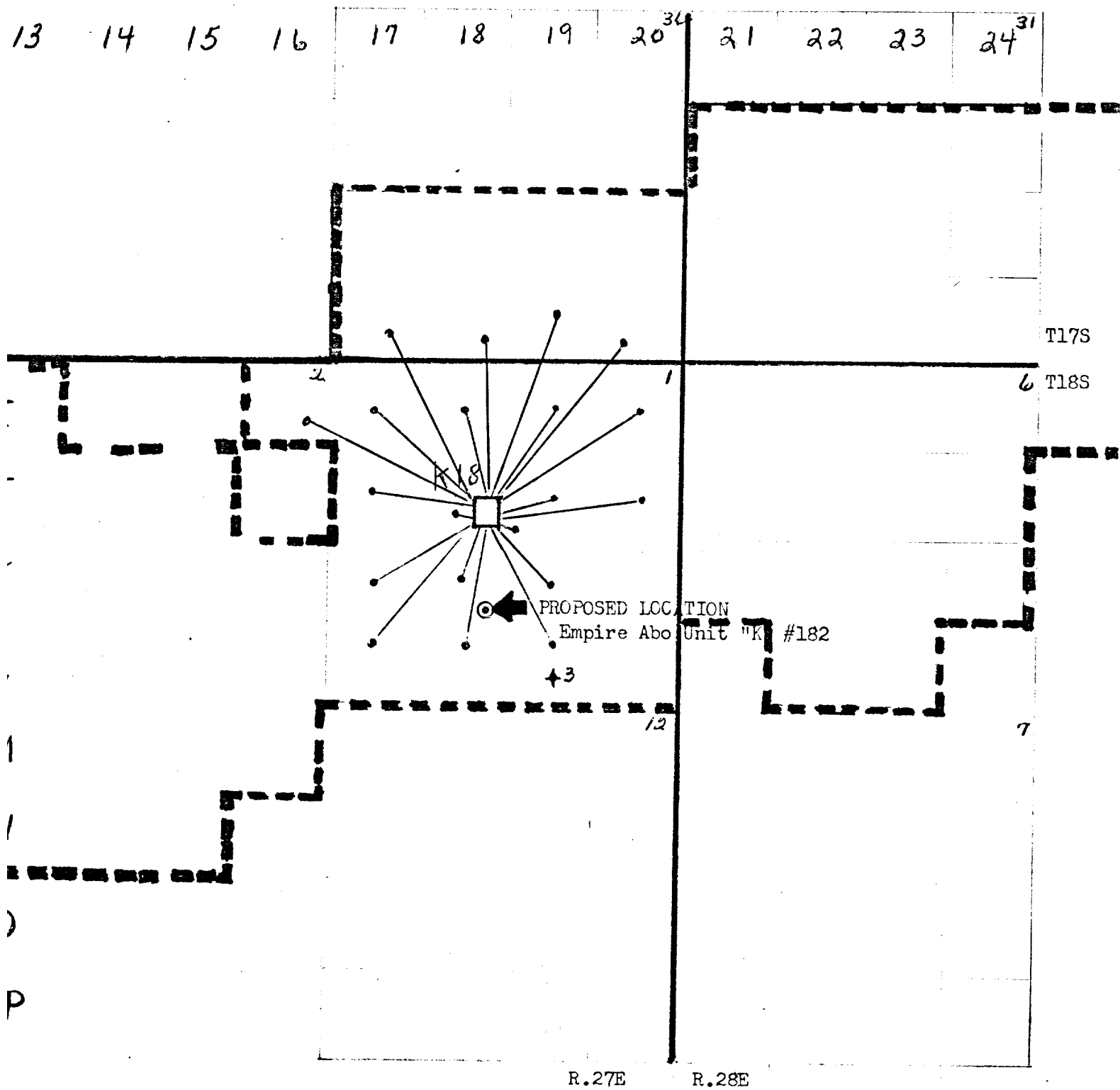


Empire Abo Unit "K" #182

EXHIBIT # 2
Location of wells within
1 mile radius.

[illegible]

EMPIRE ABO UNIT



GRID IDENTIFICATION:

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

--- UNIT BOUNDARY
 □ BATTERY LOCATION - K 18

SCALE - 1" = 2000'

EXHIBIT #4