

UNLOD. COPY

SUBMIT TO OFFICE OF  
NM OIL CONS. COM. (Other instructions on reverse side)

Form approved,  
Budget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-005-61144

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

RALPH NIX

3. ADDRESS OF OPERATOR

P.O. Box 617, Artesia, New Mexico 88210

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

1650' FEL 1980' FSL, Sec. 19, T-14S, R-28E

At proposed prod. zone  
San Andres

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

10 miles east of Hagerman, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)

1650'

16. NO. OF ACRES IN LEASE

640

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.

2640'

19. PROPOSED DEPTH

2400'

20. ROTARY OR CABLE TOOLS

Rotary

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

3546' GR

22. APPROX. DATE WORK WILL START\*

As soon as approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 11"          | 8 5/8"         | 24#             | 200' 250'     | Circulated         |
| 7 7/8"       | 5 1/2"         | 15 1/2#         | 2400'         | 150 sx.            |

RECEIVED  
SEP 16 1981

OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, 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

DATE September 15, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL

APPROVED

(Dist. Sgd.) GEORGE H. STEWART

SEP 30 1981

FOR

JAMES A. GILLHAM  
DISTRICT SUPERVISOR

\*See Instructions On Reverse Side

All distances must be from the outer boundaries of the Section

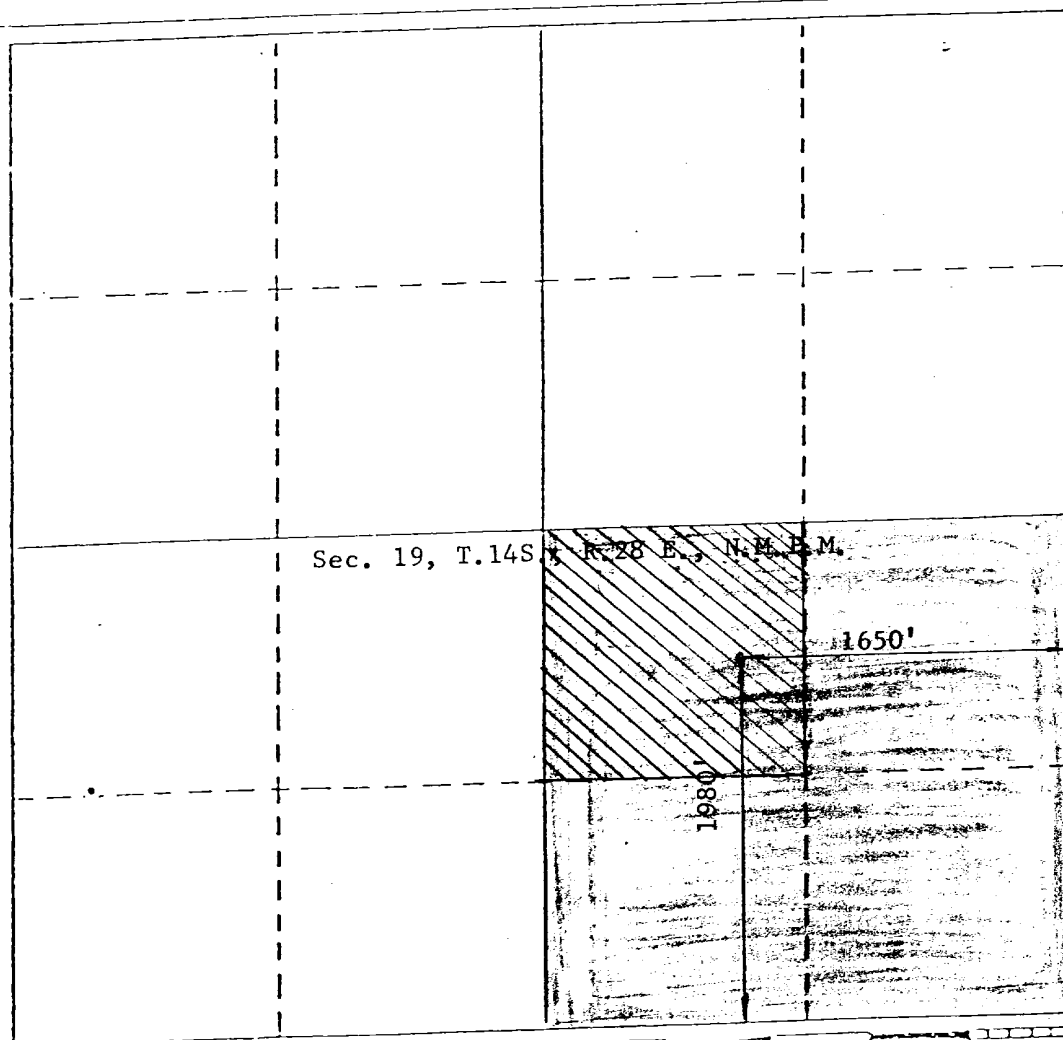
|  |  |                                   |   |                         |
|--|--|-----------------------------------|---|-------------------------|
| Operator<br><b>Ralph Nix</b>   |  | Lease<br><b>Lillie Federal</b>    |   | Well No.<br><b>7</b>    |
| Unit Letter<br><b>J</b>  | Section<br><b>19</b>                     | Township<br><b>14 South</b>       | Range<br><b>28 East</b>                     | County<br><b>Chaves</b> |
| Actual Footage Location of Well:<br><b>1650</b> feet from the <b>East</b> line and <b>1980</b> feet from the <b>South</b> line |  |                                   |   |                         |
| Ground Level Elev.<br><b>3546</b>  | Producing Formation<br><b>San Andres</b> | Pool<br><b>Wildcat San Andres</b> | Dedicated Acreage:<br><b>40 Acres</b> Acres |                         |

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 \_\_\_\_\_

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 Division.



CERTIFICATION

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

Name

Position

Company

**RALPH NIX**

Date

**9/15/81**

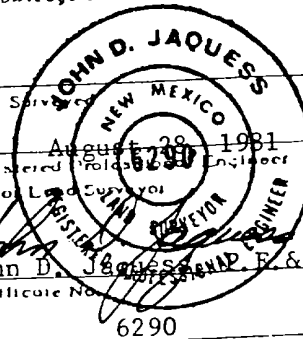
I hereby certify that the well location shown on this plot was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

**August 28, 1981**

Registered Professional Engineer and/or Land Surveyor

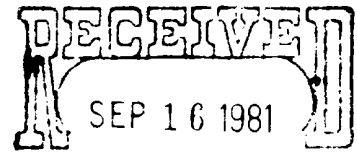
**John D. Jaquess**  
Certificate No. **6290**



0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

RALPH NIX - LILLIE #7  
1650' FEL & 1980' FSL, Section 19, T-14-S, R-28-E  
Chaves County, New Mexico

To Be Attached to Form 9-331C



OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

1. Surface formation: quaternary alluvium
2. Geologic markers anticipated: Yates 285', Queen 1025',  
San Andrus 1645', Glorieta 3030'.
3. Surface water: Approximately 200'.  
Oil and gas shows: Approximately 2156'.
4. Casing program: See form 9-331C.
5. Pressure control equipment: Series 900/1500 Rotating Drilling  
Head.
6. Mud program: gel, lime and LCM, 34-36 viscosity gel mud,  
water loss - 20cc or less, mud weight 8.5 - 9 ppg.
7. Auxilliary equipment: Will use check valves in drill stem.
8. No drill stem test: 10' samples from surface to TD.  
Types of log: Compensated Neutron Formation Density and Dual  
Laterolog Micro-SFL.
9. No abnormal pressures or temperatures expected.
10. Anticipated starting date: As soon as rig is available.

RALPH NIX - LILLIE #7  
1650' FEL & 1980' FSL, Section 19, T-14-S, R-28-E  
Chaves County, New Mexico  
Wildcat Well

1. EXISTING ROADS: See Plat (Exhibit A) Showing drillsite location and all existing roads. From Hagerman, New Mexico go East approximately 11 miles to mile marker #93 on State Road 31, then North go through cattle guard and you will be on location.
2. PLANNED ACCESS ROADS: See Plat (Exhibit A). Road will be constructed for approximately 94' North of State Road 31. Maximum width will be less than 12' and no turn outs will be constructed. Road will be surfaced with caliche where required. Center line of new road will be staked with flags visible from one stake to another. A cattle guard will be installed.
3. LOCATION OF EXISTING WELLS: Shown on Exhibit A.
4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION, GATHERING AND SERVICE LINES: In the event that the well is productive, the necessary production facilities will be installed on drilling pad. If the well is a producer of oil, a gas or diesel self-contained unit will be used to produce the necessary power.
5. LOCATION AND TYPE OF WATER SUPPLY: Fresh water supply for drilling to be hauled to location from any available commercial source using the present roads and the access road to be constructed, shown in Exhibit A.
6. SOURCE OF CONSTRUCTION MATERIAL: Any caliche required for construction of the drilling pad and the new access road will be obtained from the nearest existing pit.
7. METHODS FOR HANDLING WASTE DISPOSAL: Well cuttings will be left in pits and covered after they have dried, which should be in 4 to 6 weeks. All garbage and trash will be kept in containers and placed in pit and covered when well is completed. In the event any oil or water is found, it will be accumulated and hauled away periodically.
8. ANCILLARY FACILITIES: None.
9. WELL SITE LAYOUT: (rig, tanks, pits, racks, etc.) See Exhibit B. There will be no lining used in mud pit. All equipment and transportation will use only access roads and drilling pad. Minor leveling and water on surface as needed. No significant cuts or fills will be required other than construction of mud pits.
10. PLANS FOR RESTORATION OF SURFACE: If productive, mud pit will be fenced and used as burn pit. Location will be cleaned and all surplus material removed. Upon abandonment, all pits will be filled and levelled. Location will be cleaned and surface restored to near original or in compliance with BLM stipulations.
11. OTHER INFORMATION:
  - (a) Land Surface is generally flat with occasional sand dunes.
  - (b) Soil is sandy underlayed by caliche.
  - (c) Vegetative cover is mesquite and scrub oak with extremely scanty native grasses and fairly heavy weeds.
  - (d) Nearest occupied dwelling is ranch house approximately 4 miles East.

- (e) Land use is cattle grazing.
- (f) Surface Ownership: The wellsite and road are on federal surface.
- (g) Nothing has been observed in the area that would indicate a significant archeological, historical, or cultural site.
- (h) Nearest dirt tank is approximately 1½ miles away and nearest windmill is 4 miles.

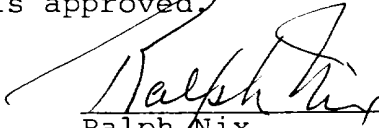
12. LESSEE'S OR OPERATOR'S REPRESENTATIVES: Ralph Nix or Ralph Nix Jr., P.O. Box 617, Artesia, New Mexico 88210. Phone: 746-2341.

13. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route: that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Ralph Nix and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date

Sept. 15, 1981

  
Ralph Nix

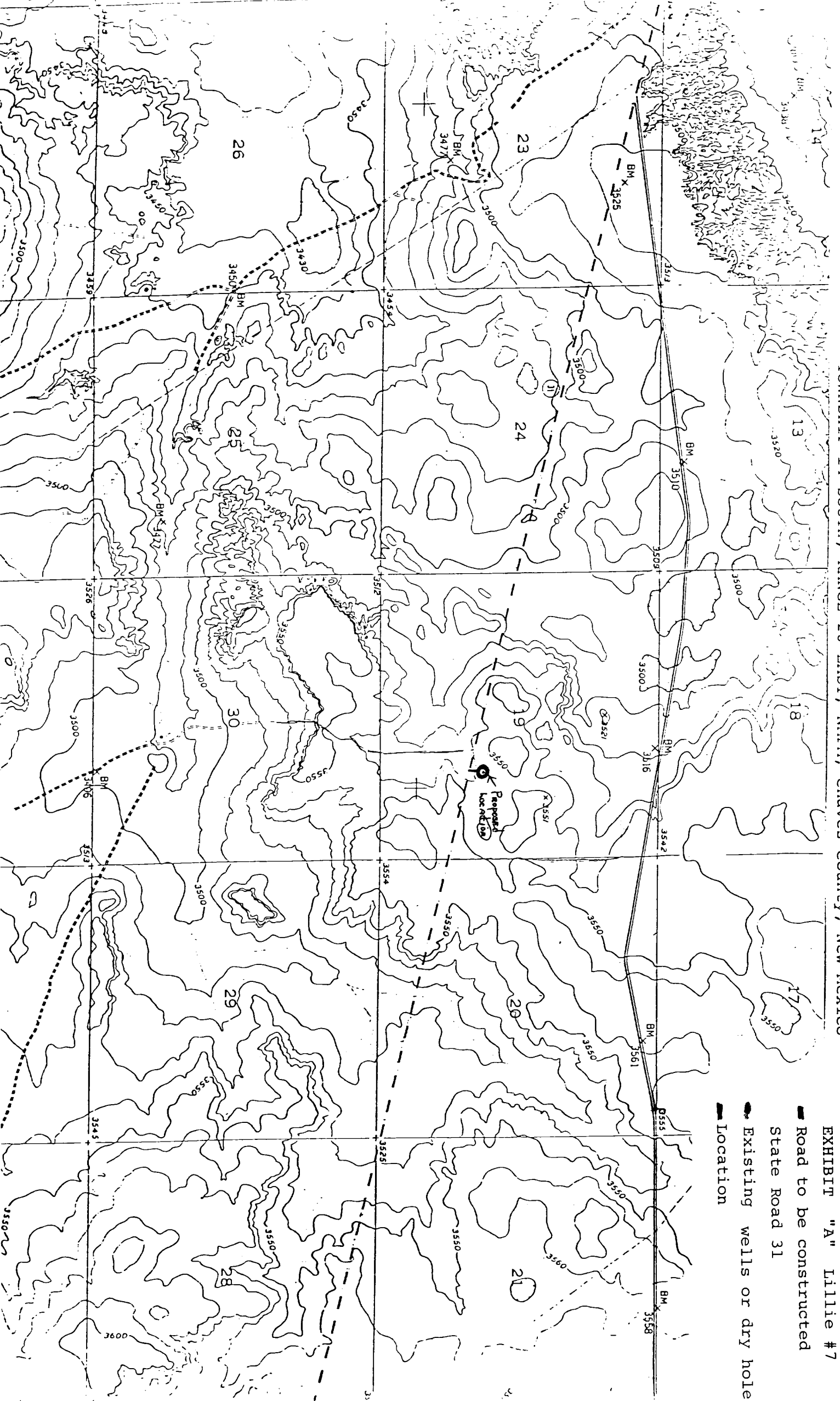
TOWNSHIP 14 SOUTH, RANGE 28 EAST, NMPM, Chaves County, New Mexico

EXHIBIT "A" Lillie #7

— Road to be constructed  
State Road 31

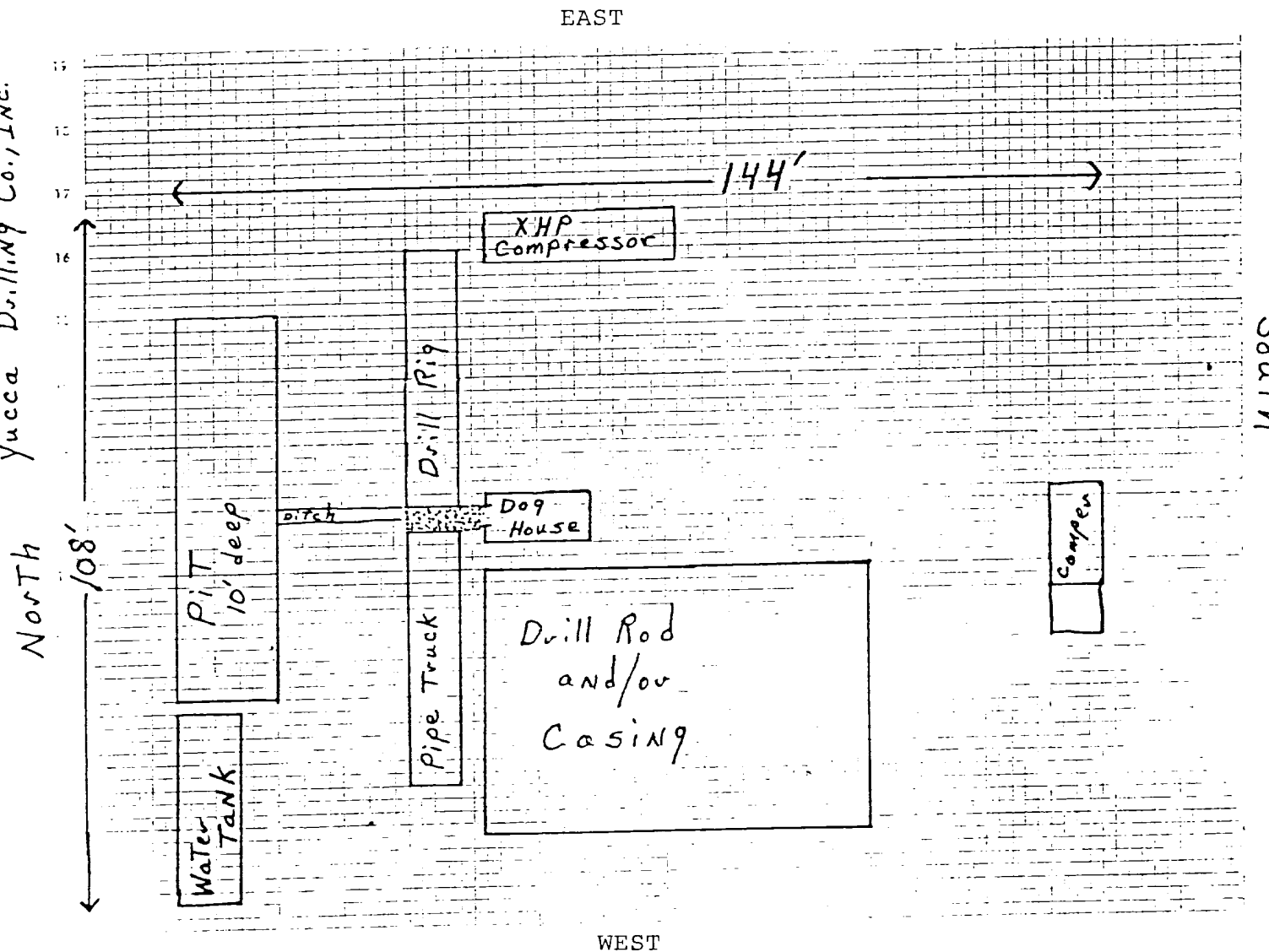
● Existing wells or dry holes

■ Location



Typical Drill Location  
For  
Yucca Drilling Co., Inc.

Scale 1 square = 2'



RALPH NIX - "LILLIE #7"  
RALPH NIX - OPERATOR  
EXHIBIT "B"