Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

P. O. BOX 1980
HOBBS, NEW MEXICO 88240

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: LC-062178

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME: Milnesand (SA) Unit

2. NAME OF OPERATOR: Union Texas Petroleum Corporation

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: 1300 Wilco Building

9. WELL NO.: 59

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL & 1980' FEL

10. FIELD AND POOL, OR WILDCAT: Milnesand (San Andres)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 13, T-8-S, R-34-E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4260 GR

12. COUNTY OR PARISH: Roosevelt

13. STATE: New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐				
(Other) Convert to Water Injection	X			(Other)			☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

1. Pull rods, pump and 2-3/8" tubing. Tag T.D. to assure it is below 4640'. If above 4640', clean out to this depth. Rig down service unit.

2. Send 2-3/8' tubing to shop for testing and plastic lining.

3. When plastic lined tubing is on location, rig up service unit, pick up 2-3/8" workstring and treating packer. Set packer at 4500'. Pressure annulus to 500 psi.

4. Acidize with 3000 gallons 15% NEFE HCL acid at as high a rate as possible but do not exceed 2000 psi surface pressure. Dispalce with 20 barrels clean lease water. Shut in for two hrs. Swab back load.

5. Pull workstring and packer. Run 2-3/8" plastic coated tubing and injection packer. Set packer at 4500'. Load annulus with inhibiter fluid.

6. Hook up surface equipment and begin injection.

18. I hereby certify that the foregoing is true and correct

SIGNED Richard Whitley TITLE Production Services DATE 5-10-82

(This space for Federal or State office use)

APPROVED
(Orig. Sgd.) PETER W. CHESTER
MAY 25 1982
FOR
JAMES A. GILLHAM
DISTRICT SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

SUBJECT TO LIKE APPROVAL BY STATE

RECEIVED
MAY 12 1982
OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

*See Instructions on Reverse Side

Archaeological Clearance Report

for

UNION TEXAS PETROLEUM CORPORATION

Proposed Injection Line
(Milnesand Unit No. 59 to Milnesand Unit No. 55)
Section 13, T8S, R34E,
NMPM, Roosevelt County, New Mexico

Prepared

By

John W. Hoopes
Research Assistant

Submitted

By

Dr. J. Loring Haskell
Principal Investigator
New Mexico Archaeological Services, Inc.
Carlsbad, New Mexico

8 March 1982

Permit No. 81-NM-306

Introduction

On 8 March 1982, New Mexico Archaeological Services, Inc., (NMAS), Carlsbad, undertook for UNION TEXAS PETROLEUM CORPORATION, Midland, an archaeological reconnaissance of lands administered by the Bureau of Land Management in Roosevelt County, New Mexico. The reconnoitered easement will be impacted by the construction of a proposed injection line. This project was advanced by Mr. Gary Hendricks, UNION TEXAS PETROLEUM CORPORATION, and administered by Dr. J. Loring Haskell, Principal Investigator, NMAS, Inc. This reconnaissance was undertaken by Dr. Haskell.

Survey Technique

For this investigation, UNION TEXAS PETROLEUM's proposed easement was investigated for evidence of man's past activities by walking it in two, 35 ft wide, close interval (15° or less), zigzag transects. Methodologically, this procedure served to promote optimal conditions for the visual examination of areas to be impacted by construction-related activities.

Proposed Injection Line

Location

As proposed, UNION TEXAS PETROLEUM CORPORATION's easement will measure 50 X 1219 ft on federal lands and will be situated in the:

NW¼NE¼, Section 13, T8S, R34E, NMPM, Chaves County, NM
SW¼NE¼, Section 13, T8S, R34E, NMPM, Chaves County, NM

Map References: USGS MILNESAND NW QUADRANGLE, 7.5 Minute Series, 1972.
USGS MILNESAND SW QUADRANGLE, 7.5 Minute Series, 1972.

Terrain

UNION TEXAS PETROLEUM's proposed easement will cross a gently-trending landform which is overlain by a thick deposit of Holocene-and Pleistocene-aged aeolian material. This area is marked by hummocks of generally less than 1.0 m in height and associated closed deflation basins. Outcroppings

of consolidated, Pleistocene- aged sand deposits occur on a sporadic basis as do *croute calcaire*. Soil individuals consist of sandy clay loams belonging to the Typic Utipsamment subgroup and its intergrades.

Floristics

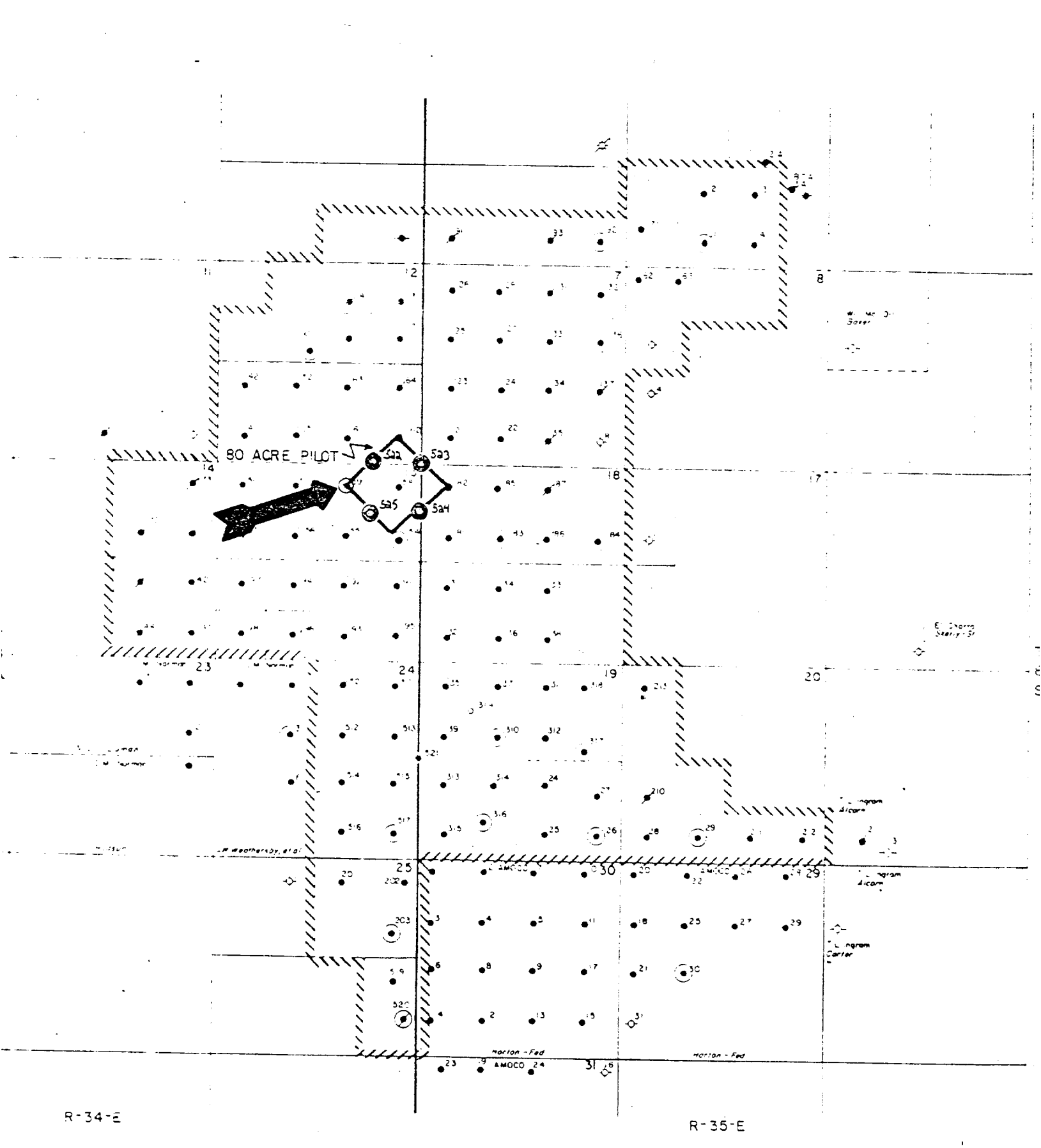
Areal pedons support an overstory of Quercus havardii and Yucca glauca. Associated forbs of this assemblage include Salsola kali, Gutierrezia sarothrae, Senecio sp., Eriogonum annuum, Euphorbia sp., and Solanum elaeagnifolium. The Gramieae is represented by Aristida sp., Andropogon spp., Cenchrus incertus, Andropogon spp., Stipa sp., and Munroa squarrosa.

Cultural Resources

No cultural properties were recorded during the course of this reconnaissance. Their overall absence may be attributed to an areal dearth of knappable lithic material for the production of necessary stone tools. Land usage by indigenous peoples in the past was confined to hunting and gathering activities which affected the landform on a seasonal and sporadic basis. Land usage dates back to the Paleo-Indian horizon, i.e., 12,000 or so years ago.

Recommendations

NMAS recommends clearance for UNION TEXAS PETROLEUM's injection line and suggests that work-related activities proceed in accordance with company plans. Clearance, of course, is granted by the Bureau of Land Management. If cultural resources are encountered during construction, the BLM and NMAS should be notified immediately.


80 ACRE PILOT
522
523
525
524
R-34-E
R-35-E
LEGEND
INJECTION WELL
PRODUCING WELL
TEMPORARILY ABANDONED
PERMANENTLY ABANDONED
DRY HOLE
PROPOSED INJECTOR
PROPOSED PRODUCER
N
NO SCALE
UNION TEXAS PETROLEUM
MILNESAND (SAN ANDRES) UNIT
ROOSEVELT COUNTY, NEW MEXICO
PROPOSED 80 ACRE 9 SPOT