

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Approval expires 12-31-60.

Land Office Las Cruces  
Lease No. 061869  
Unit E

**REC-10**

MAR 2 1961

SUNDRY NOTICES AND REPORTS ON WELLS

|                                                |                                     |                                            |  |
|------------------------------------------------|-------------------------------------|--------------------------------------------|--|
| NOTICE OF INTENTION TO DRILL                   | <input checked="" type="checkbox"/> | SUBSEQUENT REPORT OF WATER SHUT-OFF        |  |
| NOTICE OF INTENTION TO CHANGE PLANS            |                                     | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING |  |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF     |                                     | SUBSEQUENT REPORT OF ALTERING CASING       |  |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL |                                     | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR |  |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE        |                                     | SUBSEQUENT REPORT OF ABANDONMENT           |  |
| NOTICE OF INTENTION TO PULL OR ALTER CASING    |                                     | SUPPLEMENTARY WELL HISTORY                 |  |
| NOTICE OF INTENTION TO ABANDON WELL            |                                     |                                            |  |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 1, 1961

Eugene H. Perry-USA

Well No. 36 is located 1980 ft. from N line and 660 ft. from W line of sec. 21

SW 1/4, NW 1/4, Sec. 21 25-S 32-E RMPM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Undesignated Lee New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of ground level above sea level is 3430 ft. est.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

See attached program and plats.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Tenneco Corporation

Address Box 307

Hobbs, New Mexico

By A. W. Lang A. W. Lang

Title District Production Superintendent

**LANSHAW GAS AND OIL COMPANY  
PROGRAMS TO DRILL AND COMPLETE**

**Logan:** E. E. Perry - WMA

**Well No.:** +36

**District:** Hobbs

**Field:** Paducah Area

**Location:** 1980' F&L & 660' F&L, Sec. 21, T-25-N, R-32-E, Lea Co., New Mexico

**Projected Horizon:** Delaware Sand

**Estimated TD:** 4800'

**Estimated Elevation:** 3430' G. L.  
(est.)

**Drilling, Casing, and Cement:**

1. Drill 12 1/4" hole to approximately 350'.
2. Cement 8 5/8" casing at approximately 350' w/sufficient volume to circulate.
3. WOC 24 hrs. Release pressure and install BOP after 12 hrs. Pressure test casing w/600 psi for 30 minutes after WOC 12 hrs.
4. Drill 7 7/8" hole to Delaware Sand core point at approximately 4650'. Exact coring depth to be determined by wellsite Exploitation Engineer.
5. Core from 4650' to 4800' w/7 13/16" diamond bit.
6. Set 5 1/2" casing at TD w/13 sacks of 90/50 Pozmix "A" and regular with 25 gal (or equivalent).
7. WOC 12 hrs. Run temperature survey after WOC 8 hrs. Pressure can be released if float holds; otherwise, hold pressure on casing for 8 hours.
8. Run tubing and pressure test casing w/1300 psi for 30 minutes after WOC 12 hrs.
9. Displace water w/oil.
10. Release rotary rig.

**Drilling Mud:**

1. Drill w/fresh water native mud to TD. Mud properties will be adjusted to meet requirements for good samples, coring, and drill stem tests. Prior to coring or running a drill stem test, the mud should have the following properties: Viscosity 35-40, water loss 5 to 10cc or less in 30 minutes, filter cake 2/32" or less.
2. No oil will be added without consent of wellsite Exploitation Engineer.

**Drilling Time:**

1. Record 1' drilling time from surface to TD using Geolograph.
2. Record 1' drilling time in addition to Geolograph while coring.

**Drill Pipe Measurement:**

1. Tally drill pipe on last two trips prior to reaching casing point.
2. Tally drill pipe in strain under company supervision at all casing points, coring points, drill stem test points, and at TD.

**ILLEGIBLE**

Samples:

1. Catch one set of 10' drilling samples from 4300' to TD unless otherwise directed by wellsite Exploitation Engineer.
2. No time lag will be made in catching samples and 15 minute circulating samples will be caught for a period of one hour while circulating unless otherwise directed by the wellsite Exploitation Engineer.
3. Samples will be washed thoroughly, sacked, and labeled as directed by the wellsite Exploitation Engineer.
4. Two one-quart samples will be caught and labeled of any fluid recovered by drill stem tests.

Hole Deviation:

1. Run hole deviation every 100' on surface hole.
2. Run hole deviation survey on each trip for bit or every 500', whichever occurs sooner.
3. Maximum hole deviation from surface to TD shall be 4°.
4. If hole deviation changes more than 1 1/2 degrees in any 100' interval, a string reamer will be run to wipe out dog leg.
5. If hole deviation changes more than 2 degrees in any 100' interval, the hole shall be plugged back and straightened out.

Survey:

1. Run GR/Sonic log from casing to TD and Laterolog from approximately 4400' to TD.
2. Run temperature survey on 5 1/2" casing string after 6 hrs.
3. Run GR correlation log through pay section after cementing 5 1/2" casing.

Completion:

To be determined at total depth.

ORIGINAL SIGNED BY:  
C. W. NANCE

APPROVED:

C. W. NANCE

ORIGINAL  
SIGNED BY: A. W. LANG

APPROVED:

A. W. LANG

CWN/tj

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ORIGINAL SENT BY  
JAN 10 1964

ORIGINAL SENT BY  
JAN 10 1964

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128  
Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

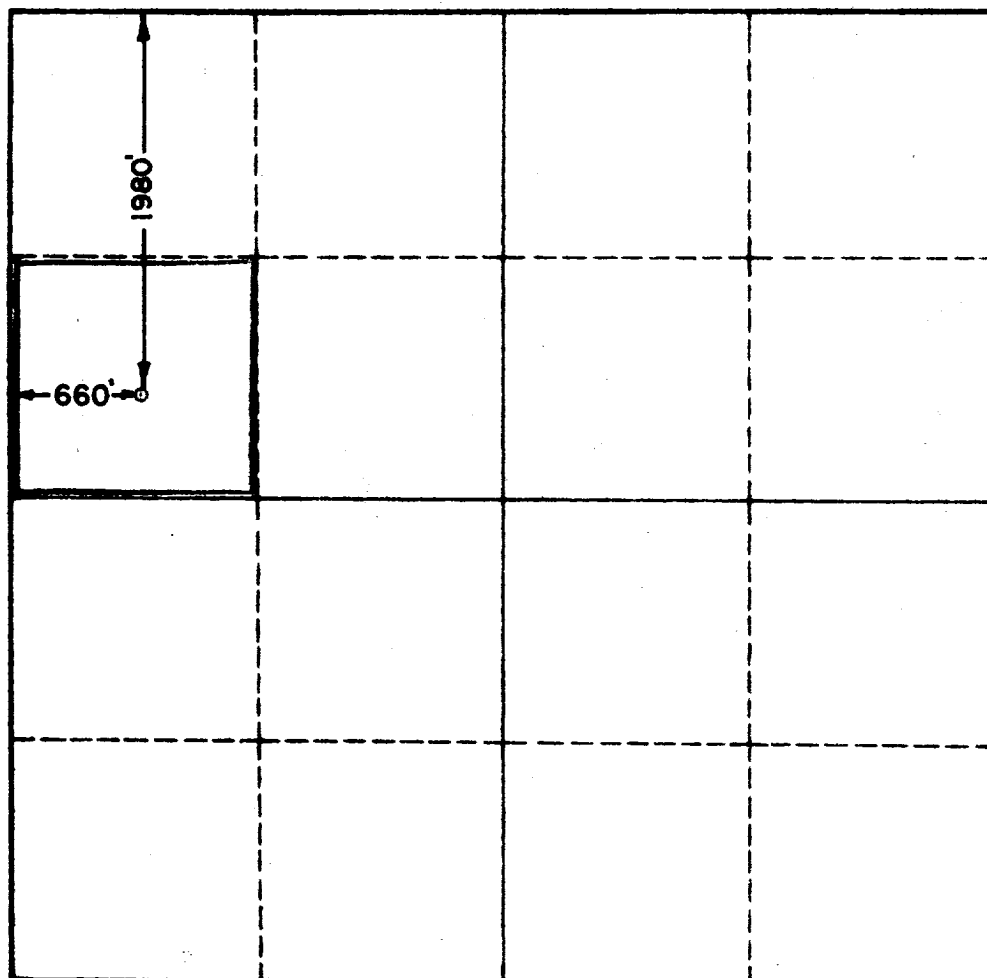
SECTION A

|                                                                                                                               |                                             |                                     |                                       |                             |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------|---------------------------------------|-----------------------------|
| Operator<br><b>Tenneco Corporation</b>                                                                                        |                                             | Lease<br><b>Eugene H. Perry USA</b> |                                       | Well No.<br><b>36</b>       |
| Unit Letter<br><b>B</b>                                                                                                       | Section<br><b>21</b>                        | Township<br><b>25 South</b>         | Range<br><b>32 East</b>               | County<br><b>Lea County</b> |
| Actual Footage Location of Well:<br><b>1980</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>West</b> line |                                             |                                     |                                       |                             |
| Ground Level Elev.<br><b>3430</b>                                                                                             | Producing Formation<br><b>Delaware Sand</b> | Pool<br><b>Undesignated</b>         | Dedicated Acreage:<br><b>40</b> Acres |                             |

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO \_\_\_\_ ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES \_\_\_\_ NO \_\_\_\_ . If answer is "yes," Type of Consolidation \_\_\_\_
3. If the answer to question two is "no," list all the owners and their respective interests below:

|       |                   |
|-------|-------------------|
| Owner | Land Description  |
|       | <b>MAR 2 1961</b> |

SECTION B



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

|                                         |
|-----------------------------------------|
| Name<br><b>Alv. Lang A. W. Lang</b>     |
| Position<br><b>District Prod. Supt.</b> |
| Company<br><b>Tenneco Corporation</b>   |
| Date<br><b>March 1, 1961</b>            |

I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of a well survey 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<br><b>3-1-61</b>                                             |
| Registered Professional Engineer and/or Land Surveyor, <b>JOHN W. WEST</b> |
| Certificate No.<br><b>N.M. - P.E. &amp; L.S. NO. 676</b>                   |