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Budget Bureau No. 42-R358.4.
Form Approved.

		X

1962
(SUBMIT IN TRIPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Las Cruces**
Lease No. **LC 062269-A**
Unit **I**

1962 AUG 7 1962 AUG 7

RECEIVED

JUL 26 1962

SUNDRY NOTICES AND REPORTS ON WELLS

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

NOTICE OF INTENTION TO DRILL	X	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)

July 25, 1962

U. S. Smelting-USA
Well No. **3** is located **1980** ft. from **[S]** line and **660** ft. from **[E]** line of sec. **22**
NE/4 SE/4, Sec. 22 **24-S** **32-E** **104N**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated **Lea** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **3600** 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 prognosis and plate attached.

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

Company **TENNECO CORPORATION BY ITS MANAGING AGENT TENNECO OIL COMPANY**Address **P. O. Box 307**
Hobbs, New MexicoBy *A. W. Lang* **A. W. Lang**
Title **District Prod. Superintendent**

TENNECO OIL COMPANY
PROGNOSIS TO DRILL AND COMPLETE

Lease: U. S. Smelting-USA

Well No.: 3

District: Hobbs

Field: Double X Delaware

Location: 660' PBL & 1980' PBL of Sec 22, T-24-S, R-32-E, Lea County, New Mexico

Projected Horizon: Delaware Sand

Estimated TD: 5050'

Estimated Elevation: 3600' GL

Drilling, Casing & Cement:

1. Drill 12-1/4" hole to approx. 350'.
2. Cement 8-5/8", 24#, J-55 csg w/insert float collar at approx. 350' w/sufficient volume to circulate. Use Incor High Early Portland cmt containing 2% HA-5. Slurry wt will be 14.85#/gal. Pumping time is 1 hr 12 min.

Record the following data:

- A. Volume of cmt slurry (cubic feet).
 - B. Brand name of cmt and additives, percent additives used, and sequence of placement if more than one type cmt slurry is used.
 - C. Approx. temperature of cmt slurry when mixed.
 - D. Actual time cmt in place prior to starting csg test.
3. If float valve holds, release pressure after WOC 4 hrs and nipple up.
 4. WOC a total of 8 hrs, pressure test csg w/1000 psi for 30 min and drill out cmt.

NOTE: When drilling out cement the weight on the bit should not exceed 20,000# and the rotary speed should not exceed 60 RPM until the top of the D.C. are below the base of the casing.

5. Drill 7-7/8" hole to Delaware Sand core point. Approximate core depth 4900'. Exact core depth will be determined by company exploitation engineer.
6. Core from top of Delaware Sand to TD (approx 150') with a 7-13/16 X 4-3/8 diamond core head. Run junk basket on last two trips prior to coring point.
7. Set 4-1/2", 9.5#, J-55 at TD w/150 sx of 50-50 pozmix "S" w/2% gel (Slurry weight should be 15#/gal) and 50 sx reg cmt containing latex. (Slurry wt should be 14.5#/gal).

NOTE:

- A. Prior to running csg, treat mud system w/2 sx of Sodium Bichromate.
- B. Precede cmt w/20 bbls of lime wtr.

8. If float valve holds, release rig when top plug is down.
9. WOC 8 hrs and run temperature survey.
10. RUDDU, run tbq, displace wtr w/oil and pressure test csg w/1500 psi for 30 min after WOC a minimum of 18 hrs.
11. Completion program to be determined at TD.

Drilling Mud:

1. Drill w/fresh wtr and native mud to approximate coring depth. Prior to coring, the mud should have the following properties:
 - A. Type: Salt Gel.
 - B. Viscosity: 35-40 sec/qt.
 - C. Water Loss: 10 cc or less
 - D. Filter Cake: 2/32 or less.

NOTE: Do not suspend drilling operations to mix mid.

Drilling Time:

1. Record 1' drilling time from surface to TD w/a geolograph or equivalent recorder.
2. Driller will record 5' drilling time from 4750 to coring point or as specified by company exploitation engineer.

Drill Pipe Measurement:

1. Tally drill pipe on last trip prior to reaching coring point.
2. Tally drill pipe under company supervision at all casing points, coring points, and at TD.

Samples:

1. Catch one set of 10' samples from 4750 to TD unless otherwise specified by company exploitation engineer.
2. Catch circulating samples as specified by company exploitation engineer.
3. All samples will be washed, sacked, labeled, and tied in bundles of 100'.

Hole Deviation:

1. Run slope test every 100' on surface hole.
2. Run slope test on each trip for bit or every 500', whichever occurs sooner.
3. 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.
4. If hole deviation changes more than 2 degrees in any 100' interval, the hole shall be plugged back and straightened out.
5. Maximum allowable hole deviation is shown on the following page.

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<u>Depth</u>	<u>Deviation</u>
0 - 1000	1 degree
1000 - 2000	2 degrees
2000 - 3000	3 degrees
3000 - 4000	4 degrees
4000 - TD	5 degrees

Surveys:

1. Run GR-Sonic Log from base of surface csg to TD w/detailed section as required.
2. Run Laterolog through detailed section.
3. Run temperature survey in production csg after WOC 8 hrs.
4. Run Gamma-Ray log w/collar locator through pay section for perforating control.

Completion:

To be determined at TD.

ORIGINAL SIGNED BY:
C. W. NANCE

APPROVED: _____

C. W. Nance

ORIGINAL
SIGNED BY A. W. LANG

APPROVED: _____

A. W. Lang

[illegible]

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

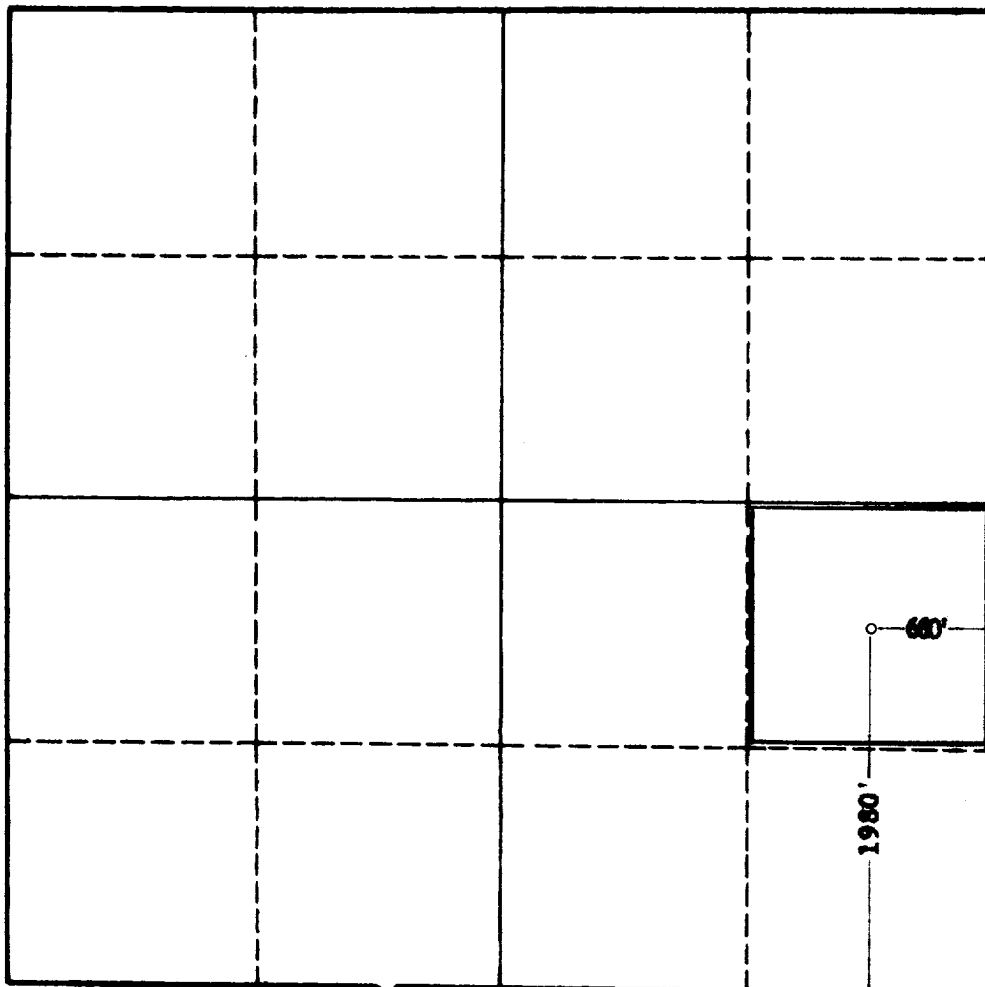
SECTION A

Operator TENNECO OIL COMPANY		Lease No. 195 AUG 7 AM 9:40 US SMELTING USA		Well No. 3
Unit Letter I	Section 22	Township 24 SOUTH	Range 32 EAST	County LEA
Actual Footage Location of Well: 1980 feet from the SOUTH line and 660 feet from the EAST line				
Ground Level Elev. 3600 Fm.	Producing Formation Delaware Sand	Pool Undesignated	Dedicated Acreage: 40 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

SECTION B



CERTIFICATION

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

Name A. W. Lang
Position Dist. Prod. Supt.
Company Tenneco Oil Company
Date July 25, 1962

I hereby certify that the well location shown on the plat in SECTION B 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 7-24-62
Registered Professional Engineer and/or Land Surveyor, JOHN W. WEST
Certificate No. 676

N. M. - P. E. & L. S. NO. 676