



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office New Mexico  
Lease No. NM 020343-A  
Unit M

DEC 17 AM 8 40

SALT SECTION MUST BE ISOLATED FROM  
FLUIDS ABOVE AND BELOW BY CEMENT.

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)

USA-Hanson NM 020343 December 10, 1962

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 35

SW/4 SW/4 Sec. 35 18-S 32-E NM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of ground level above sea level is 3705 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 plats attached.

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

Company TECHNICO OIL COMPANY  
Address Box 307  
Hobbs, New Mexico

By A. W. Lang A. W. Lang  
Title District Production Superintendent

1962 DEC 17 AM 8 40

TENNECO OIL COMPANY  
PROGNOSIS TO DRILL AND COMPLETE

Lease: USA-Hanson NM 020343

Well No.: 1

District: Hobbs

Location: 660' FSL & FWL, Sec. 35, T-18-S, R-32-E, Lea County, New Mexico

Projected Horizon: Queen - Penrose

Estimated TD: 4600'

Estimated Elevation: 3705' GL

Drilling, Casing, and Cement:

1. Drill 12 $\frac{1}{4}$ " hole to 1200'.
2. Set 8 5/8", 24#, J-55 @ 1200' w/insert float collar in top of shoe joint. Cmt w/sufficient Incor High Early Portland cmt containing 2% HA-5. Slurry wt should be 14.85#/gal. Pumping time is 1 hr 12 mins. Record the following data:
  - A. Volume of cmt slurry (cubic ft).
  - B. Brand name of cmt and additives, percent additives used, and sequence of placement.
  - C. Approx temp of cmt slurry when mixed.
  - D. Actual time cmt in place prior to testing csg.
3. If float valve holds, release pressure after WOC 4 hrs and nipple up.
4. WCC a total of 8 hrs and press test csg w/1000 psi for 30 mins and drill out cmt.
 

NOTE: The wt on the bit should not exceed 20,000#, and rotary speed should not exceed 60 rpm until top of DC is below base of the csg.
5. Drill 7 7/8" hole from 1200' to core point. Exact coring depth will be determined by wellsite geologist. Run junk basket on last two trips prior to reaching core point.
6. Core approx 200', as determined by wellsite geologist, between 3900' and 4600' w/7 13/16" x 4 3/4" diamond core head.
7. Formation tops are expected as follows:

1. Rustler	1180'
2. Yates	2810'
3. Seven Rivers	3290'
4. Queen	3923'
5. Penrose	4150'

8. Set 5 $\frac{1}{2}$ ", 17#, J-55 csg @ TD. Use an insert float collar and float shoe. Cmt w/sufficient 50-50 Pozmix "S" w/2% gel (slurry wt 15#/gal), and 50 sx latex cmt (slurry wt 14.5#/gal to 15.1#/gal) to cover all pay zones. Exact depth to place cmt to be determined by wellsite geologist.

NOTE: (a) Precede cmt w/20 bbls wtr containing 2 sx lime.  
(b) Add 2 sx sodium bichromate to mud system prior to running csg.

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THE STATE OF NEW YORK  
IN SENATE

January 1, 1901.

REPORT

OF THE

COMMISSIONERS OF THE LAND OFFICE

FOR THE YEAR

ENDING DECEMBER 31, 1900.

ALBANY:

PRINTED BY THE STATE PRINTING OFFICE, 189-191 NASSAU ST., N. Y.

1901.

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9. If float holds, release rig when plug is down.
10. WOC 8 hrs and run temp survey.
11. After WOC 18 hrs, rig up, run tbg, displace wtr w/oil, and press test csg w/1500 psi for 30 mins.

Drilling Fluid:

1. Drill from surf to 1200' w/fresh wtr and native mud.
2. Drill from base of surf csg to top of Queen w/brine wtr.
3. Drill from top of Queen to TD w/salt wtr and gel.
4. When the core point is reached, the mud should have the following characteristics:

Type - Salt wtr w/starch and gel  
Viscosity - 35-40 sec/qt  
Water Loss - 10cc or less  
Weight - 10 to 10.5#/gal

Drilling Time:

1. Record 1' drlg time from surf to TD w/a geolograph or equivalent recorder.

Drill Pipe Measurements:

1. Tally DP under company supervision at all csg points.

Samples:

1. Catch 10' samples from surf to TD unless otherwise directed by wellsite geologist. No time lag will be made in catching samples, and 15 min circulating samples will be caught for a period of 1 hr while circulating unless otherwise directed by the wellsite geologist. The samples will be properly washed, sacked, labeled, and tied in groups of 100'. Such other samples will be sacked and labeled as required by terms of letter agreements w/any contributors. Catch 15 min circulation samples prior to logging.

Blowout Preventer:

1. Double ram w/manual and remote hydraulic or air controls are required. BOPs will be tested daily.

Hole Deviation:

1. Run slope test every 100' on the first 300' and every 500' thereafter. Max allowable in surf hole is 2°.
2. Run slope test every 500' from base of surf to TD.
3. If hole deviation changes more than 1 1/2° in any 100' interval, a string reamer will be run to wipe out dog leg.
4. If hole deviation changes more than 2° in any 100' interval, the hole will be plugged back and straightened.
5. Max allowable hole deviation from base of surf csg to TD is 4°.

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Logging:

1. Run GR & Sonic from TD to bottom of surf csg.
2. Run Lateral Log and Microlateral Log through detailed section as required.

Completion:

1. To be determined at TD.

Alternate Program:

Contractor has option of drilling w/air or mud. If air is used, the following revisions are necessary:

1. It may be necessary to air mist drill from approximately 3290' (Seven Rivers formation) to TD.
2. Air drill to coring depth between 3900' and 4600'.
3. Coring will be done w/air.
4. If the hole is drilled w/air, there may be several shut-downs below 2000' to determine if there is any fill-up.

APPROVED: C. W. Nance  
C. W. Nance

APPROVED: A. W. Lang  
A. W. Lang

RAP/lb

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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 <b>TENNECO OIL COMPANY</b>		Lease <b>1962 DEC 17 AM 8:40</b>		Well No. <b>1</b>
Unit Letter <b>M</b>	Section <b>35</b>	Township <b>18 SOUTH</b>	Range <b>32 EAST</b>	County <b>LEA</b>
Actual Footage Location of Well: <b>660</b> feet from the <b>SOUTH</b> line and <b>660</b> feet from the <b>WEST</b> line				
Ground Level Elev. <b>3705 Sft.</b>	Producing Formation <b>Green-Pompeo Sand</b>	Pool <b>Undesignated</b>	Dedicated Acreage: <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 communization 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


660'

660'

CERTIFICATION

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

Name <b>A. V. Lamm</b>
Position <b>Dist. Prod. Superintendent</b>
Company <b>Tenneco Oil Company</b>
Date <b>December 10, 1962</b>

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 <b>NOVEMBER 28, 1962</b>
Registered Professional Engineer and/or Land Surveyor, <b>JOHN W. WEST</b>
Certificate No. <b>N. M. - P. E. &amp; L. S. NO. 676</b>