N. M. O. C. C. COPY

30-005-00451

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

Form 9-331a
(Feb. 1951)

APPROVED
SEP 5 1962
JAMES A. KNAUF
DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE) copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office New Mexico
Lease No. NM 040750-A
Unit M

RECEIVED
SEP 6 1962
O. C. C.
ARTESIA, OFFICE

SUNDRY NOTICES AND REPORTS ON WELLS

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)

September 4, 1962

USA-Fitzgerald NM 040750-A
Well No. 1 is located 660 ft. from {N/S} S line and 660 ft. from {E/W} W line of sec. 19

SW/4 SW/4 Sec. 19 (¼ Sec. and Sec. No.) | 15-S (Twp.) | 29-E (Range) | NMPM (Meridian)

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

The elevation of ground level above sea level is 3710 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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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 Mexico

By A. W. Lang

Title District Production Superintendent

GPO 914974

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-128
Revised 5/1/57

WELL LOCATION AND ACREAGE DEDICATION PLAT

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

Operator	Lease	Well No.
TENNECO OIL COMPANY	USA-FITZGERALD NM040750-A	1

Unit Letter	Section	Township	Range	County
M	19	15 SOUTH	29 EAST	CHAVES

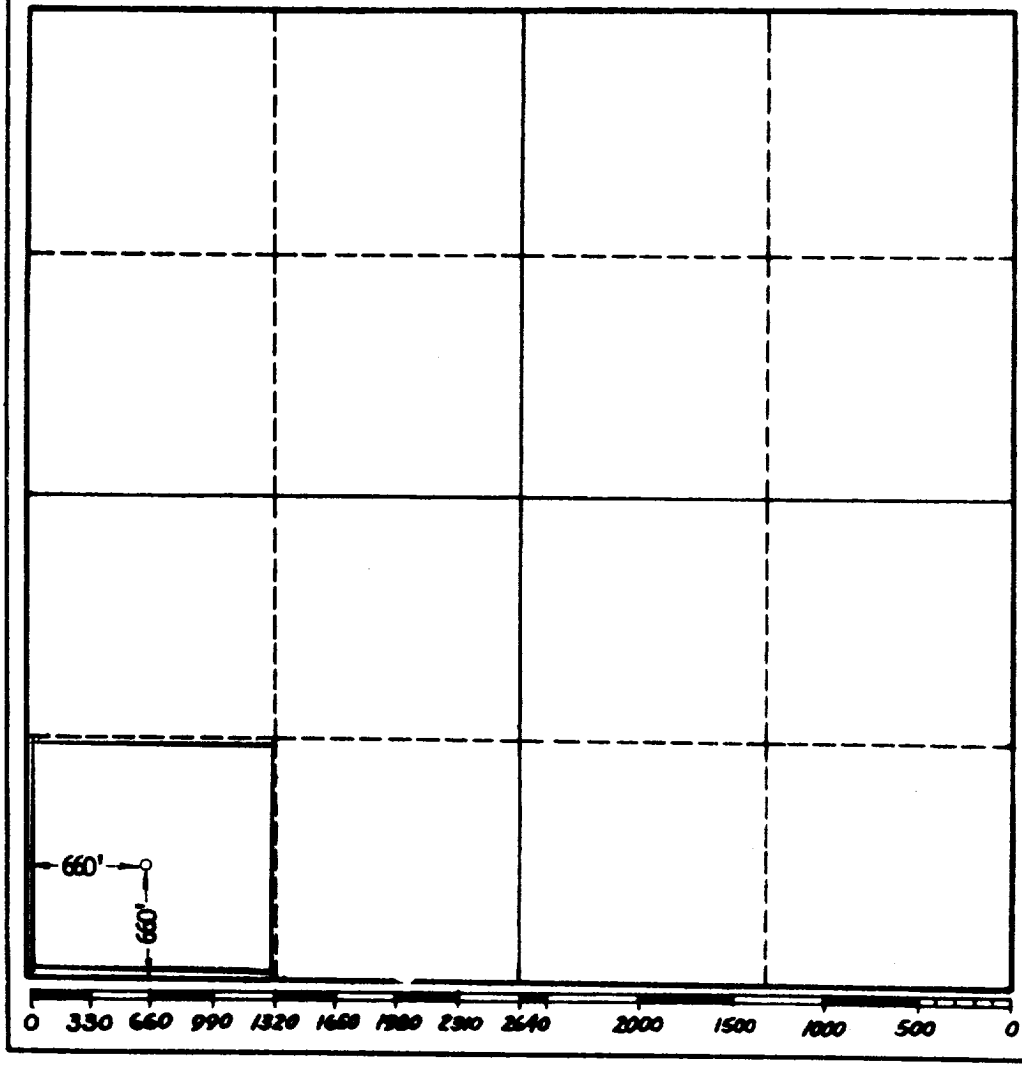
Actual Footage Location of Well:
660 feet from the SOUTH line and 660 feet from the WEST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3710 Est.	San Andres	Undesignated	40 Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X 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: September 6, 1962

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ARTESIA, NEW MEXICO

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: 9-1-62

Registered Professional Engineer and/or Land Surveyor: JOHN W. WEST

Certificate No. N. M. P.E. & L.S. No. 676

REGISTERED ENGINEER & LAND SURVEYOR
STATE OF NEW MEXICO

TENNECO OIL COMPANY
PROGNOSIS TO DRILL AND COMPLETE

Lease: USA Fitzgerald NM 040750-A Well No.: 1

District: Hobbs Field: Undesignated

Location: 660' FEL & 660' FWL of Sec 19, T-15-S, R-29-E, Chaves County, New Mexico

Projected Horizon: San Andres

Estimated TD: 3150' Estimated Elevation: 3710' GL

Drilling, Casing and Cement:

1. Drill 12 1/4" hole to 300'
2. Set 8 5/8", 24#, J-55 csg @ 300' 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 14.8#/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, nipple up and displace water w/air.
4. WOC a total of 8 hrs and pressure test csg w/1000 psi for 30 mins and drill out cmt.
   NOTE: The weight 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 to approx 3150'. Exact TD will be determined by wellsite Exploitation Engineer.
6. Load hole w/lse crude.
7. Set 4 1/2", 9.5#, J-55 csg @ TD. Use an insert float collar and float shoe in string. Cmt w/150 sx of 50-50 Pozmix "S" w/2% gel (slurry wt 15#/gal); and 50 sx reg cmt containing latex (slurry wt 14.5#/gal to 15.1#/gal).
   NOTE: (a) Wash csg to bottom w/lse oil is necessary.
   (b) Precede cmt w/20 bbls wtr containing a detergent.
8. If float valve holds, release rig when top plug is down.
9. WOC 8 hrs and run temp survey.
10. After WOC 18 hrs, NUBOU, run tbg, displace wtr w/oil and pressure test csg w/1500 psi for 30 mins.

Drilling Fluid:

1. Drill surface hole w/aerated wtr.
2. Drill w/air from base of surface pipe to TD'

Drilling Time:

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

Drill Pipe Measurements:

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

Samples

1. Catch 10' samples from 1000' to TD, or as specified by company Exploitation Engineer. Label and tie in bundles of 100'.

Blowout Preventer:

1. Double ram w/manual and remote hydraulic or air controls are required. BOP will be tested daily.
2. A rotating pack off head is required while drlg w/air

Hole Deviation:

1. Run slope test every 100' on surface hole. Max allowable deviation in surface hole is 1 1/2 °.
2. Run slope test every 500' from base of surface to TD.
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 will be plugged back and straightened.
5. Max allowable hole deviation from base of surface csg to TD is 4 degrees.

Daily Records:

1. Run GR-Sonic from TD to top of fluid w/detail as required.
2. Run IES from TD to top of fluid w/detailed section as required.
   NOTE: Different resistiy log may be run depending on fluid in hole.

Completion:

1. To be determined at TD.

Alternate Program:

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

Drilling, Casing, and Cement:

1. Drill 12 1/4" surface hole to 300' w/cable tools.
2. Prior to running production csg, mix and circulate 2 sx of sodium bichromate in mud system.
3. Precede cmt w/a 20 bbl wtr wash containing 2 sx of lime.

Drilling Fluid:

1. Drill from base of surface to 2800' w/fresh wtr and native mud.

2. From 8800' to TD, the mud should be as follows:

   Type - salt water gel
   Viscosity - 35 - 40 sec/qt.
   Water Loss - 10cc or less
   NOTE: Do not stop drilling operations to mix mud.

Surveys:

1. Run Gamma-Sonic from TD to base of surface csg w/detail as required.
2. Run Laterolog through detailed section as required.

APPROVED: _____
A. W. Lang

APPROVED: _____
C. W. Mance

KLC/pl