APPROVED

COPY TO O. C. C. HOBBS

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

Form 9-331a
(Feb. 1951)

OCT 2 1960

(SUBMIT IN TRIPLICATE)

Land Office Las Cruces

Lease No. LC 062300

Unit C

	X		

R. W. STANDLEY
DISTRICT ENGINEER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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)

October 27, 1960

G. E. Jordan USA
Well No. 3 is located 660 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 15

NE¼, NW¼ 15 (¼ Sec. and Sec. No.) 25-S (Twp.) 32-E (Range) NMPM (Meridian)

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

The elevation of the derrick floor above sea level is 3442 ft. Estimate

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 Tennessee Gas Transmission Company

Address Box 307

Hobbs, New Mexico

By A. W. Lang

Title District Production Superintendent

GPO 862040

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

1960 NOV 1 PM 1 38

Operator	Lease	Well No.
Tennessee Gas Trans. Co.	G. B. Jordan USA	3

Unit Letter	Section	Township	Range	County
C	15	25 South	32 East	Lea

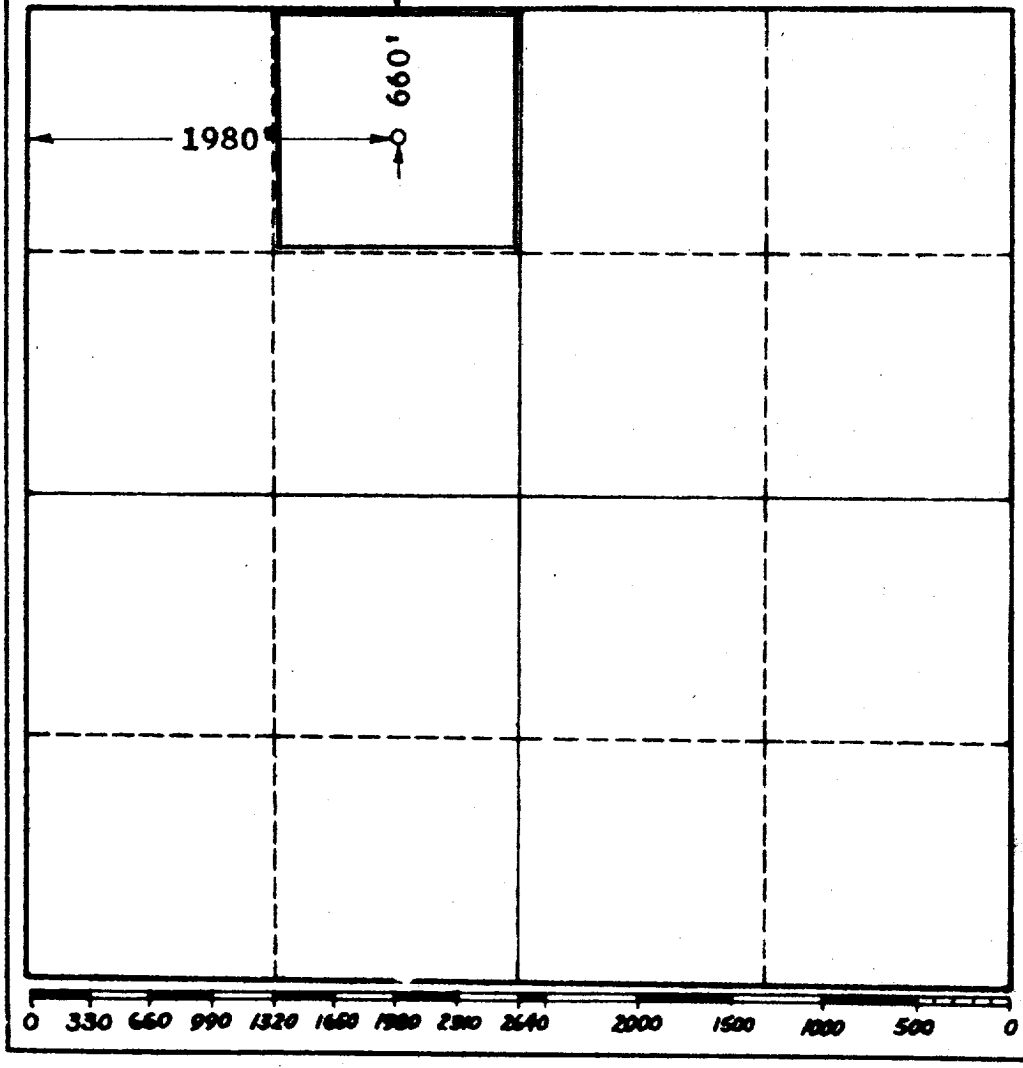
Actual Footage Location of Well:
660 feet from the North line and 1980 feet from the West line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
	Delaware Sand	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: District Production Supt.
Company: Tennessee Gas Trans. Co.
Date: October 27, 1960

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: October 25, 1960

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

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

NEW MEXICO REGISTERED ENGINEER & LAND SURVEYOR
676
JOHN W. WEST

TENNESSEE GAS AND OIL COMPANY
PROGNOSIS TO DRILL AND COMPLETE

Lease: O. E. Jordan USA Well No. 1

District: Hobbs Field: Paduca Area

Location: 660' FNL and 1980' FWL, Section 15, T-25-S, R-32-E, Lea County, New Mexico

Projected Horizon: Delaware Sand

Estimated TD: 4800' Estimated Elevation: 3442' G.L.

Drilling, Casing, and Cement:

1. Drill 9 5/8" hole to approximately 350'.
2. Cement 7 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 24 hrs.
4. Drill 6 3/4" hole to Delaware Sand core point at approximately 4700'. Exact coring depth to be determined by wellsite Exploitation Engineer.
5. Core from 4700' to 4800' w/6 11/16" diamond bit.
6. Set 4½" casing at TD w/sufficient cement to protect all zones of interest.
7. WOC 24 hrs. Release pressure and run temperature survey after WOC 8 hrs.
8. Run tubing and pressure test casing w/1500 psig for 30 minutes.
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 10 cc or less in 30 minutes, filter cake 2/32" or less.
2. No oil will be added without consent of wellsite Exploitation Engineer.

Drill Stem Tests:

1. One drill stem test may be run in the Delaware Sand between 4600' and 4700'.

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.

Samples:

1. Catch two sets 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 Lateralog from approximately 4400' to TD.
2. Run temperature survey on 4 1/2" casing string after WOC 8 hours.
3. Run GR correlation log through pay section after cementing 4 1/2" casing.

Completion:

1. Rig up P.U.
2. Pull tubing to 4300'.
3. Run GR correlation log through pay section. Lower tubing to within 100' of pay zone.
4. Perforate selected intervals w/4 holes per foot.
5. Wash pay with 500 gals mud clean-out agent, if necessary.
6. Swab well for test.
7. Frac down 2" tubing w/5000 gals refined oil and 10,000 lbs of 20-40 mesh sand.
8. Swab well in.

APPROVED: ORIGINAL SIGNED BY: C. W. NANCE
C. W. Nance

APPROVED: ORIGINAL SIGNED BY: A. W. LANG
A. W. Lang

CWN/nl

OWWO

COUNTY LEA FIELD Paduca STATE NM API MN 08186

OPR TEXACO INC. SERIAL

NO. 5 LEASE Cotton Draw Unit MAP

Sec 15, T-25-S, R-32-E CO-ORD

660' FNL, 1980' FWL of Sec ELEV. DF L & S

CLASS GL

SPD Re-CMP 11-29-72	FORMATION	DATUM	FORMATION	DATUM
CSG & SX				
7 5/8" at 354' w/125 sx				
4 1/2" at 4850' w/150 sx				

LOGS EL GR RA IND HC A TD 4851' PBD 4817'

(Delaware) Perfs 4684-4730' NO NEW POTENTIAL

CONTR OPRS ELEV 3442 DF PD 4730' TYPE WO

F.R.C. 12-16-72
(Delaware)
(Orig. Tennessee Gas, #3 Jordan, G. E. - USA, comp 11-15-60 thru (Delaware) Perfs 4694-4704', OTD 4851', OPB 4817')

12-11-72 TD 4851'; PBD 4817'; COMPLETE
Perf 4684-91', 4705-12', 4715-18', 4720-30' w/2 SPF
Acid (4684-4730') 1200 gals (15% NE)
Frac (4684-4730') 9000 gals wtr + 18,000# sd
Ppd 36 BO + 196 BW in 24 hrs, GOR 1620, Grav 42 (4684-4730')

12-16-72 COMPLETION REPORTED