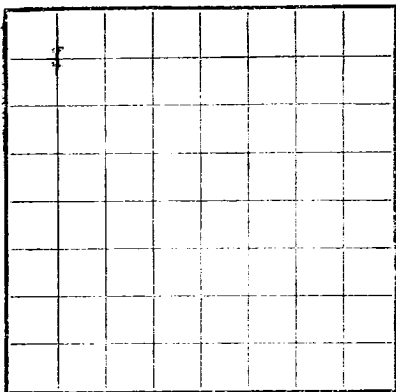


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER LC-062300  
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address P.O. Box 352, Midland, Texas  
Lessor or Tract G. E. Jordan Federal NCT-1 Field Undesignated State New Mexico  
Well No. 1 Sec. 22 T. 25-S R. 32-E Meridian NMPM County Lea  
Location 660 ft. N of N Line and 660 ft. E of W Line of Section 22 Elevation 3428  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.  
Signed M. B. Hubbard

Date November 15, 1960 Title Assistant District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling October, 1960 Finished drilling November 1, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_  
Drilled with rotary tools and no water sands tested.  
**IMPORTANT WATER SANDS**  
No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
7-5/8"	24.00	8-R	H-40	363'	Howco	None	None	None	Surface
4-1/2"	9.50	8-R	J-55	4749'	Howco	None	See	Above	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8"	375'	300	Howco		
4-1/2"	4760'	150	Howco		

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to 1760 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

November 15, 1960 Put to producing November 9, 1960

The production for the first 24 hours was 198 barrels of fluid of which 100 % was oil;    % emulsion;    % water; and    % sediment. Gravity, °Bé. 13.2

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

R. A. Grace, Driller J. C. Chappell, Driller  
L. A. Holland, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	376	376	Red Bed & Sand
376	1150	774	Red Bed & Anhy
1150	3520	2370	Anhy & Salt
3520	3865	345	Anhy
3865	3965	100	Anhy & Salt
3965	4171	206	Anhy
4171	4372	201	Salt
4372	4573	201	Anhy
4573	4600	27	Lime & Anhy
4600	4730	130	Lime & Sand
4730	4760	30	Lime
Total Depth	4760		
PBTD	4759		

All measurements from rotary table or 9' above ground level.

Estimate No. 5332

- 4 - USGS
- 1 - NMOC
- 1 - Division
- 1 - Field
- 1 - Mrs. Shea
- 1 - File

Formation Tests  
Anhy 738'  
Top of Salt 1130'  
Btm of Salt 4375'  
Delaware Lime 4600'  
Delaware Sand 4725'

ILLEGIBLE

**FORMATION RECORD—Continued**[illegible]

### HISTORY OF OIL OR GAS WELL

**It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "bidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.**

Spudded 9-7/8" hole 1:45 AM October 28, 1948. Ran 363' of 7-5/8" o.p. casing and cemented at 375' with 300 sq regular. Plug at 375'. Cement circulated. Tested before and after drilling plug for 30 minutes with 1000 psi. Tested OK. Job complete 10:00 AM 10-28-48.

Core No. 1 4628' to 4672', 100% recovery, 53%, oil-blending thruout,  
November 3, 1960.

Core No. 2 16791 to 17301, Big recovery, 101, 301 blowing thruout,  
November 4, 1960.

Ran 4740' of 4-1/2" casing and cemented at 4760' with 150 sx 4 1/2" Gel. Plug at 4740'. Tested before and after drilling plug for 30 minutes with 1500 psi. Tested OK. Not complete 9:00 AM November 6, 1960.

Perforate 4-1/2" O.D. casing with 2 jet shots per ft from 4732' to 4740'. Swab well natural. Squeeze perforations with 40 sx cement and reverse out 25 sx. Perforate 4-1/2" O.D. casing with 2 jet shots per ft from 4662' to 4685'. Swab well natural.

On 12 Hr PT ending 8:00 AM November 11, 1960, well flowed thru 16/64" choke 99 BO and no water.

GOF - 404

Gravity - 40.2

Top of Pery - 46621

Rate of Pay - 4685.

NMCC date - November 1, 1960

TEXACO Inc. date - November 11, 1960.

ILLEGIBLE