

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

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company TEXACO Inc. Address P. O. Box 728 - Hobbs, New Mexico
Lessor or Tract Cotton Draw Unit Field Undesignated State New Mexico
Well No. 59 Sec. 28 T. 25-S R. 32-E Meridian NPM County Lea
Location 1650 ft. N of N Line and 990 ft. W of E Line of Section 28 Elevation 3385 (D.F.)
(Describe 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.

Date **November 27, 1961** Signed _____ Title **Assistant District**

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

Commenced drilling October 18, 1961 Finished drilling October 26, 1961

OIL OR GAS SANDS OR ZONES

(Denote also by G)

No. 1, from 4610 to 4 - Holes 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.

**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"	15.00	8.00	Armed	100	Howe	None	None	None	Surface
4-1/2"	15.00	8.00	Armed	100	Howe	None	None	None	Surface
History of Oil on Off-Set Well									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8"	372'	250	Howco		
4-1/2"	479 1/2'	150	Howco		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material	Size
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SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 4795 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

Put to producing November 21, 1961

The production for the first 24 hours was 53 barrels of fluid of which 26% was oil; --% emulsion; 74% water; and --% sediment. Gravity, °Bé. 41.9

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

L. V. Watts, Driller L. H. Taylor, Jr., Driller

D. E. Lance, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	175	175	Caliche
175	375	200	Redbed
375	632	257	Gyp Redbed
632	1436	804	Redrock
1436	3592	2156	Salt & Anhy
3592	3875	283	Anhy
3875	4406	531	Salt & Anhy
4406	4795	389	Anhy
Total Depth	4795		
PBID	4764		
All measurements from rotary table or 9' above ground level.			Formation Tops
Estimate No. <u>5708</u>			Top of Anhy 770
4 - USGS			Top of Salt 1160
1 - Mrs. Rhea			Btm of Salt 4365
1 - Pauley Pat.			Delaware Sand 4612
1 - NMOCC			
1 - Division			
1 - Field			
1 - File			

LOVER

“1月—4月94日”

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

State of _____
County of _____
Section _____ Township _____ Range _____

Well Name _____
Operator _____
USGS Date - October 26, 1961
Log Date - November 22, 1961

Top of 1st - 4640'
GOR - 151M
Gravity - 11.9
On 24 at 11 well pumped 14 BO and 39 BW ending 9:30 A.M. November 22, 1961.

Acidize perfor with 250 gals 15% LST NHA. Set pumping unit and test.
Perforate with 125 ex Reg. Nest. Sand drilled 1 holes at 4640'.
Gals 15% LST NHA. Trac perfor with 2000 lbs sand
LST NHA. Re-acidize perfor with 500 gals 15% LST NHA. Re-acidize with 1000
Shot 4 holes 4-1/2" O.D. casing at 4640'. Acidize perfor with 250 gals 15%

Plug at 4764'. Tested before and after drilling plug for 30 minutes with 1500
PSI. Tested O.K. Job complete 8:30 A.M. October 28, 1961.

Spudded 9-7/8" O.D. hole 10:55 P.M. November 19, 1961. Ran 3601 of 7-5/8" O.D.
Casing and cemented at 3721 with 250 ex Reg. Plug at 3301. Cement circulated.
Tested before and after drilling plug for 30 minutes with 600 PSI. Tested O.K.

Job complete 5:30 P.M. October 19, 1961. No. 3 from
Tested before and after drilling plug for 30 minutes with 600 PSI. Tested O.K.

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
"struck" 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 burning.

Cotton Lake Well No. 58
To -
From -

HISTORY OF OIL OR GAS WELL

10-43084-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
PERFORATION RECORD			
ROCKS USED			
SHOOTING RECORD			
PLUGS AND ADAPTERS			
MIDDING AND CEMENTING RECORD			