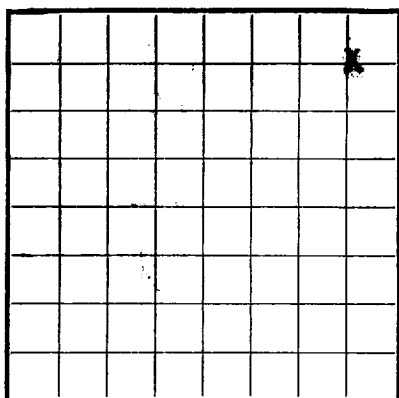


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **LC-062300**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **TEXACO Inc.** Address **P.O. Box 728 - Hobbs, New Mexico**
Lessor or Tract **Cotton Draw Unit** Field **Undesignated** State **New Mexico**
Well No. **55** Sec. **29** T **25-SR. 32-E** Meridian **NMPM** County **Lea**
Location **330** ft. **N** of **N** Line and **330** ft. **W** of **E** Line of **Section 29** Elevation **3376'**
(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 **[Signature]**
Date **September 15, 1961** Title **Assistant District Superintendent**The summary on this page is for the condition of the well at above date.
Commenced drilling **August 20**, 1961 Finished drilling **August 28**, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4598'** to **4608'** No. 4, from _____ to _____No. 2, from **4614'** to **4618'** 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	Curt and pulled from	Perforated		Purpose
							From—	To—	
7 5/8"	24.00	8-B	H-40	344'	Howco	None	None	None	Surface
4 1/2"	15.50	8-B	H-40	4727'	Howco	None	See above	See above	Production
HISLOKA DE OIL ON CYE MECT									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 5/8"	356'	250	Howco		
4 1/2"	4726'	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 **4727** feet, and from _____ feet to _____ feet

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

DATES

_____ **September 15**, 19**61** Put to producing _____ **September 14**, 19**61**The production for the first 24 hours was **77** barrels of fluid of which **45** % was oil; _____ %emulsion; **55** % water; and _____ % sediment. Gravity, °Bé. **41.1**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____ **B. M. Slaughter**, Driller _____ **James Hunt**, Driller_____ **H. H. Morris**, Driller _____ **Bob Colwell**, Driller

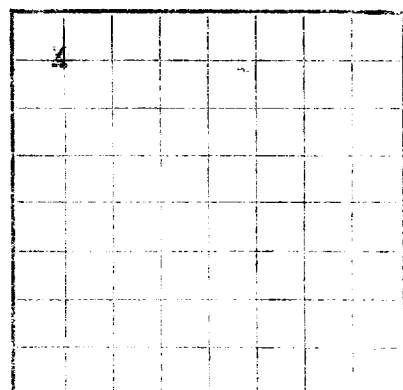
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	268	268	Caliche
268	780	512	Red Bed
780	1167	387	Top of Anhy
1167	1865	698	Top of Salt
1865	4327	2462	Anhy & Salt
4327	4598	271	Lime
4598	4727	129	Delaware Sand
Total Depth	4727		
PBTD	4675		

All measurements from Rotary Table
or 8' above ground level.Estimate No. **5618**4 - USGS
1 - Mrs. Rhea
1 - Pauley Petroleum Co.
1 - NMOCC
1 - Division
1 - Field
1 - FileFormation Tops
Top of Anhy - **780'**
Top of Salt - **1167'**
Btm of Salt - **4327'**
Top of Delaware Sand - **4598'**

LOG OF OIL OR GAS WELL

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LOCATE WELL CORRECTLY

Spudded 9 7/8" hole 7:45 p.m. August 20, 1961. Ran 344' of 7 5/8" O.D. casing and cemented at 356' with 250 sx regular. Cement circulated. Plug at 325'. Tested before and after drilling plug for 30 minutes with 600 PSI. Tested O.K. Job complete 9:30 a.m. August 22, 1961.

IMPORTANT WATER SANDS

Ran 427' of 4 1/2" O.D. casing and cemented at 476' with 150 sx Inco Plug at 4695'. Tested before and after drilling plug for 30 minutes with 1500 PSI. Tested O.K. Job complete 1:30 p.m. August 30, 1961.

Perforate 4 1/2" O.D. casing with 2 jet shots per ft. 4598' to 4608', 4614' to 4624', and 4628' to 4630'. Acidize with 500 gals LST NHA and 250 lbs naphthalene. Squeeze perforations with 2 1/2 sx regular. Perforate 4 1/8" and casing with 2 jet shots per ft. 4598' to 4608', and 4614' to 4618'. Acidize with 500 gals LST NHA. Re-acidize with 1500 gals LST NHA and 250 lbs naphthalene.

Date 8/30/61

On 24 hr Potential Test well swapped 35 80 and 42 BM ending 7:00 a.m. September 15, 1961

so far as can be determined from all available records.

The information given herewith is a complete and correct record of the well and all work done thereon.

Graves - 41.1 ft. N. of line and 11.1 ft. N. of line of 21.1 ft. Elevation 21.1 ft. County 11.1 ft. Field 11.1 ft. State 11.1 ft. Texas 11.1 ft. Date - September 15, 1961

USGS Date August 28, 1961

Top of Bay - 4588' Btm of Bay - 4618' Well No. 11.1 ft. N. of line and 11.1 ft. N. of line of 21.1 ft. Elevation 21.1 ft. County 11.1 ft. Field 11.1 ft. State 11.1 ft. Texas 11.1 ft. Date - September 15, 1961

TEXACO Inc. Date - September 15, 1961

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 "sidetracked" or left in the well, give its size and location. If the well has been abandoned, give date, size, position, and number of shots. If pipes or bridges were put in to test for water, state kind of material used, position, and results of pumping or testing.

HISTORY OF OIL OR GAS WELL

[illegible]

INFORMATION RECORD CONTINUED