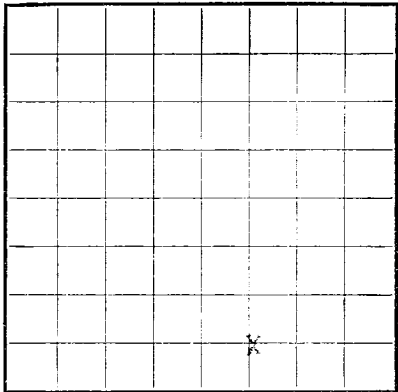


U. S. LAND OFFICE NM-0507
SERIAL NUMBER Lse No. 186453
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address PO Box 352 Midland, Texas
Lessor or Tract Heflin Federal Field Wildcat State New Mexico
Well No. 1 Sec. 24-T4-S R. 31-E Meridian TRM County Eddy
Location 660 ft. [N.] of E Line and 1980 ft. [W.] of E Line of Sec. 24 Elevation 3551 (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 June 26, 1959 Title District Accountant

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

Commenced drilling Feb 24, 1952 Finished drilling April 6, 1952

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 7364 to 7400 No. 4, from 7181 to 7200
No. 2, from 7161 to 7194 No. 5, from _____ to _____
No. 3, from 7170 to 7182 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—	
<u>13 3/8</u>	<u>48.00</u>	<u>8r</u>	<u>H-40</u>	<u>737</u>	<u>Howco</u>	<u>None</u>	<u>none</u>	<u>none</u>	<u>surface</u>
<u>9 5/8</u>	<u>36.00</u>	<u>8r</u>	<u>H-40</u>	<u>4463</u>	<u>Howco</u>	<u>None</u>	<u>none</u>	<u>none</u>	<u>production</u>
<u>7 5/8</u>	<u>33.70</u>	<u>8r</u>	<u>N-80</u>	<u>8533</u>	<u>Howco</u>	<u>none</u>	<u>see</u>	<u>above</u>	<u>production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13 3/8</u>	<u>750</u>	<u>825</u>	<u>Howco</u>		
<u>9 5/8</u>	<u>4475</u>	<u>2700</u>	<u>Howco</u>		
<u>7 5/8</u>	<u>8545</u>	<u>1900</u>	<u>Howco</u>		

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 0 feet to 8545 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 26, 1959 Put to producing June 22, 1959
The production for the first 24 hours was 24 barrels of fluid of which 27% was oil; _____% emulsion; 73% water; and _____% sediment. Gravity, °Bé. 34.6
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.D. Nicholson, Driller T.C. Rosser, Driller
Geo. Steward, Driller S.A. Cox, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	155	155	Caliche
155	527	372	Red Bed
527	1250	723	Anhy & Lime
1250	3103	1853	Anhy & Salt
3103	3721	618	Anhy
3721	3813	92	Anhy & Lime
3813	4327	514	Anhy & Salt
4327	4553	226	Anhy
4553	4877	324	Lime & sand
4877	5406	529	Sand & shale
5406	8059	2653	Lime Sand & Shale
8059	8108	49	Sand
8108	8545	437	Sand & Shale
TD	8545		895' Anhy Rustling
PBTD	7325		1020' top of salt
			4330' btm of salt
			4582' Delaware Sand
			5096' Cherry Canyon
			6947' Brushy Canyon
			8366' Bone Spring
All measurements from rotary table or 11' above ground level.			
Estimate No. 6819			
1-federal	1-file		
1-NMOC	1-field		
1-div	1-UNIT		

FROM—	TO—	TOTAL FEET	FORMATION	Deviation Record	Degrees Off
					1
		601			1
		527			1 1/4
		720			1 1/2
		2250			1 1/4
		2780			1/2
		3370			1
		3005			1
		3240			1
		3560			3/4
		3812			1 1/4
		4035			1/2
		4310			1/2
		4470			3/4
		4775			1 1/4
		4955			1 1/4
		5200			1 1/4
		5435			3/4
		5670			3/4
		5800			1
		5995			1
		6130			3/4
		6210			1 1/4
		6380			1 1/4
		6540			1
		6640			1 1/4
		6825			1 1/4
		8000			1
		8110			1 1/4
		8315			1 1/4
		8500			1
		8545			1

See attached

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 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.

HISTORY OF OIL OR GAS WELL