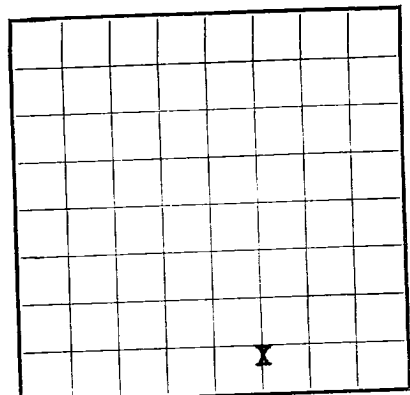


U. S. LAND OFFICE
SERIAL NUMBER NM 0338-A
LEASE OR PERMIT TO PROSPECT



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 Peery Federal Field Little Lucky Lake State New Mexico
(Ellen & Dev)
Well No. 2 Sec. 29 T. 15-S R. 30-E Meridian NMPM County Chaves
Location 660 ft. N. of S. Line and 1980 ft. E. of E. Line of Sec. 29 Elevation 3972'
18. W. (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] Title District Accountant
Date June 23, 1959

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

Commenced drilling Feb 18, 19 59 Finished drilling May 22, 19 59

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

No. 1, from 12,070' to 12,122'(G) No. 4, from _____ to _____
No. 2, from 11,140' to 11,190' 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—	
13 3/8	54.50	8r	J-55	450	Howco	none	none	none	surface
9 5/8	36.00	8r	H-40	2926	Howco	none	none	none	production
7"	32.00	8r	N-80	12206	Howco	none	sea	above	production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	467'	650	Howco		
9 5/8	2940	1700	Howco		
7"	12312	400	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 0 feet to 12313' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 23, 19 59 Put to producing June 6, 19 59

The production for the first 24 hours was 469 barrels of fluid of which 100% was oil; —% emulsion; —% water; and —% sediment. Gravity, °Bé. 60.0

If gas well, cu. ft. per 24 hours no test Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

A.A. Ferguson, Driller W.A. Barfield, Driller
P.W. Harrison, Driller J.D. Campbell, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	370	370	Caliche
370	470	100	Red Bed
470	1398	928	Anhy & Salt
1398	2757	1359	Anhl
2757	2940	183	Anhy & Lime
2940	8125	5185	Lime
8125	10524	2399	Lime & Shale
10524	11054	530	Lime & Chert
11054	11210	156	Lime
11210	12048	838	Lime & Chert
12048	12313	265	Lime
TD	12313		510'— top of salt 11911' - Simpson
PBTD	12276		1176'— btm of salt 11989' - Ellenburger
All measurements from rotary table or 12' above ground level			1176'— Yates
Estimate No. 8854			2235'— Queen
1-federal			2936'— San Andres
1-NMOCC			4378'— Glorieta
1-div			5660'— Tubb
1-file			7775'— Wolfcamp
1-field			9675'— Atoka
1-Mrs. Ray, State			10132'— Mississippian
			10905'— Woodford
			10944'— Devonian
			11192'— Fusselman
			11705'— Montoya

FORMATION RECORD-Continued

FROM-	TO-	TOTAL FEET	FORMATION
			Deviation Record
			DEGREES OFF
		350'	1/4
		985'	3/4
		1385'	1 1/4
		1618'	1 1/2
		1892'	1 1/4
		2180'	1 1/4
		2387'	3/4
		2832'	1
		3150'	1
		3291'	8/4
		3443'	3/4
		3625'	1
		3827'	1
		4070'	1
		4277'	1 1/4
		4548'	1
		4830'	1 1/4
		5245'	3/4
		5574'	1 1/2
		5703'	1
		6073'	3/4
		6431'	3/4
		6878'	3/4
		7074'	1 1/2
		7335'	1 1/4
		7547'	1 1/2
		7911'	1 1/4
		8343'	1 1/2
		8871'	1 1/2
		9129'	3/4
		9515'	3/4
		9785'	1 1/2
		9963'	1
		10088'	1 1/2
		10373'	1 3/4
		10605'	2
		10860'	2
		11054'	1 1/2
		11320'	1 3/4
		11712'	2 1/2
		11915'	2 1/4
		12048'	1 1/4
		12313'	1 1/4

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 "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.

SEE ATTACHED SHEET