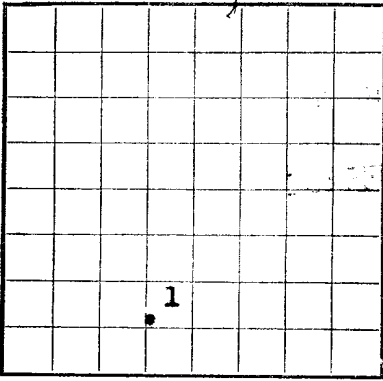


U. S. LAND OFFICE New Mexico  
 SERIAL NUMBER \_\_\_\_\_  
 LEASE OR PERMIT TO PROSPECT LC-069832-C



LOCATE WELL CORRECTLY

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Lion Oil Company Address P.O. Box 492, Snyder, Texas  
 Lessor or Tract Erwin Field S. Drickey-Queen State New Mexico  
 Well No. 1 Sec. 5 T. 15S R. 31E Meridian NMPM County Chaves  
 Location 660 ft. N of S Line and 1980 ft. E of W Line of Sec. 5 Elevation 4451 D.F.  
(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 February 21, 1955 Title Dist. Supt.

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

Commenced drilling 1-25, 1955. Finished drilling 2-4, 1955

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

No. 1, from 3114 to 3120 1/2 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from NONE ENCOUNTERED 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—	
10-3/4"	41#	8V		298.47'	Float				Surface
5-1/2"	15#	8rd		3147.14'	Float Shoe		3123'	3126'	Oil String
					Float Collar		3114'	3120'	
					Stage Collar @ 2837.27'				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	313.20'	190 sxs.	Displaced & Plug		
5-1/2"	3159.57'	575 sxs. w/3% Gel	"	"	

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 3165 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from None feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

2-21, 1955 Put to producing 2-10, 1955

The production for the first 24 hours was 994.4\* barrels of fluid of which 99.8% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and .2% sediment. Gravity, 38° API

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

Rock pressure, lbs. per sq. in. Unknown (\* Based on 3 hr. test of 33.10 BPH)

Jennings Drilling Co. EMPLOYEES  
Lee Keehm, Driller J. M. Adams, Driller  
E. G. Holly, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20	20	Caliche
20	275	255	Sand, fine to medium with some shale
275	1345	1070	Rd. shale with some sand
1345	1410	65	Anhy.
1410	1462	52	Rd. shale and sand
1462	2162	700	Salt with some anhy.
2162	2307	145	Anhy. with some rd. shale and salt
2307	2462	155	Sand and shale with anhy.
2462	3113	651	Anhy. with some dol., sand and rd. shale
3113	3134	21	Gry. & rd. sand with some anhy.
3134	3165	31	Anhy. with rd. shale and sand.
	3165		Total Depth - Plug Back Total Depth 3143

Attached: 1 copy of Sample Description, 1 copy of Temperature Survey, and 1 copy of Gamma Ray and Neutron Log, 1 copy of Inclination Survey.



INCLINATION SURVEY

Erwin No. 1

<u>Degrees Deviation</u>	<u>Depth</u>
1/8	523'
1/4	976'
1/8	1348'
1-1/4	1820'
1-3/4	2020'
1-3/4	2389'
1-3/4	2540'
2-1/4	2874' (Maximum)
2	3109'

MEMORANDUM FOR THE RECORD

DATE: 10/10/57

TO: SAC, NEW YORK

FROM: SAC, NEW YORK

RE: [Illegible]

[Illegible]

10/10/57