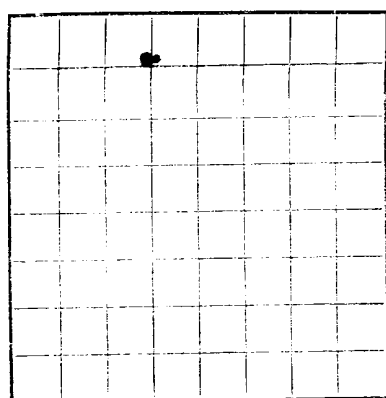


U. S. LAND OFFICE New Mexico
SERIAL NUMBER LC-069832-C
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Lion Oil Company Address Box 492, Snyder, Texas
Lessor or Tract Erwin Field S. Drickey Queen State New Mexico
Well No. 7 Sec. 4 T. 15 SR. 31 Meridian NMPM County Chaves
Location 675.21 ft. N of N Line and 1980 ft. E of W Line of Sec. 4 Elevation 4439
(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 J. H. McCoyDate March 31, 1955Title Dist. Supt.

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

Commenced drilling 3 - 1, 1955 Finished drilling 3 - 15, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3133 to 3138 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		310.47	Float				Surface
5-1/2"	15.5	8R		9164.14	Float Shoe		3133	3138	oil string
					Float Collar				
HOPEFUL OF OIL OR GAS SANDS									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	322.64'	225	Displaced & Plug		
5-1/2"	3173.64'	150	"	"	

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 3175 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 31, 1955 Put to producing 3 - 24, 1955The production for the first 24 hours was 288* barrels of fluid of which 99.8% was oil; _____% emulsion; _____% water; and 2% sediment. Gravity, 28.4 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 144 B0/12 hrs.

EMPLOYEES

Jennings Drilling Co.
Leo Koehn, Driller J. M. Adams, Driller
E. G. Holly, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Caliche
25	285	260	Sand, fine to med. w/shale
285	1350	1065	Red shale w/sand
1350	1380	30	Anhydrite
1380	1450	70	Red shale and sand
1450	2170	720	Sand w/anhydrite
2170	2320	150	Anhydrite w/red shale & salt
2320	2470	150	Sand and shale w/anhydrite
2470	3125	655	Anhy. w/some dolomite, sand & red shale
3125	3146	21	Gray sand w/some anhydrite
3146	3175	29	Red sand, shale and anhydrite
	3175		Total Depth PBSD 3143

Attached: 1 copy of Sample Description, 1 copy of Inclination Survey and one copy DST #1.

FORMATION RECORD-Continued

FROM	TO	TOTAL FEET	FORMATION
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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.

U. S. GOVERNMENT PRINTING OFFICE 10-45094-2

ERWIN #7

INCLINATION SURVEY

<u>Degree Deviation</u>	<u>Depth</u>
1/4	960
1-3/4	2095
2	2311
1-1/2	2590
2	2840
2	3025

