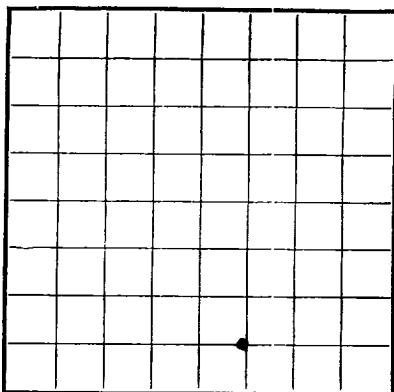




LOCATE WELL CORRECTLY

U.S. LAND OFFICE New Mexico
SERIAL NUMBER LC-068288-3
LEASE OR PERMIT TO PROSPECTAPR 25 1955
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ARIZONA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Lion Oil Company Address Box 492, Snyder, Texas
Lessor or Tract Ethel Field Undesignated State New Mexico
Well No. 3 Sec. 25 T13 S R. 31 E Meridian BNM County Chaves
Location 660 ft. N. of 3 Line and 1980 ft. E. of 1 Line of Sec. 25 Elevation 4324 ft.
(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 F. D. AndersonDate April 20, 1955 Title Dist. Engr.

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

Commenced drilling 4-1, 1955 Finished drilling 4-9, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3058' to 3068' 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 _____ 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>10-3/4</u>	<u>41#</u>	<u>8V</u>		<u>301.49'</u>	<u>Float</u>				<u>Surface</u>
<u>5-1/2</u>	<u>15.5#</u>	<u>8V</u>		<u>3088.99'</u>	<u>Plug</u>				<u>Oil string</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4</u>	<u>314.43'</u>	<u>250</u>	<u>Displaced & Plug</u>		
<u>5-1/2</u>	<u>3099.43'</u>	<u>150</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 3100' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ April 17, 1955 Put to producing _____ April 16, 1955The production for the first 24 hours was 348* barrels of fluid of which 99.8 % was oil; _____ %
emulsion; .2 % water; and _____ % sediment. Gravity, °Bé. _____If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas xxx 38 degrees API

Rock pressure, lbs. per sq. in. _____ * Based on 145 BO/10 hrs.

Smith Drilling Company
D. D. Wedgeworth, Driller
C. F. Barnes, Driller
EMPLOYEES
R. D. Anderson, Driller
C. F. Pool, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>25</u>	<u>25</u>	<u>Caliche</u>
<u>25</u>	<u>290</u>	<u>265</u>	<u>Sand, fine to med. w/shale.</u>
<u>290</u>	<u>1470</u>	<u>1180</u>	<u>Red sand and red shale w/trace of dol. & lime</u>
<u>1470</u>	<u>1570</u>	<u>100</u>	<u>Anhy., dol., and sand</u>
<u>1570</u>	<u>2160</u>	<u>590</u>	<u>Salt and anhy</u>
<u>2160</u>	<u>2295</u>	<u>135</u>	<u>Anhy, sand, shale & salt</u>
<u>2295</u>	<u>2435</u>	<u>140</u>	<u>Red sand, shale w/some anhy</u>
<u>2435</u>	<u>3057</u>	<u>622</u>	<u>Anhy w/sand & red shale</u>
<u>3057</u>	<u>3073</u>	<u>16</u>	<u>Fine gray sand & red shale</u>
<u>3073</u>	<u>3100</u>	<u>27</u>	<u>Anhy, sand & shale</u>

Attached: 1 copy sample description and 1 copy of Inclination Survey.

LOG OF OIL OR GAS WELL

A large rectangular area containing a faint grid of dashed lines, intended for drawing a map.

The information given above is a complete and correct record of the well and all work done thereon as far as can be determined from available records.

Signed at _____ this _____ day of _____ A.D. 19____

Location $\frac{N}{S}$ of _____ Township _____ R. _____ E. of _____ Sec. _____ T. _____ S. _____ R. _____ W. _____ Meridian _____ County _____ State _____

Witness my hand and official seal this _____ day of _____ A.D. 19____

The summary on the well is the condition of the well at the time of the inspection.

FOR OR CAS 24122 OR 24123

[illegible]

20243 GETAW THATBOM

[illegible]

CASTING BY OLD

Line	Amount	Kind of ship	Where and when lost	Particulars	Remarks
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100					

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 reasons of plugging or bridging.

HISTORY OF OIL OR GAS WELL

M. DOING AND CEMENTING WORKS

[illegible]

FILES AND ADAPTERS

[illegible]

SHOOTING RECORD

Size	Weight	Quantity	Date	Location	Method of capture
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072U 2107

[illegible]

2374

[illegible]

EMPLOYEES

Number of	Number of
Number of	Number of

INFORMATION RECORD

[illegible]