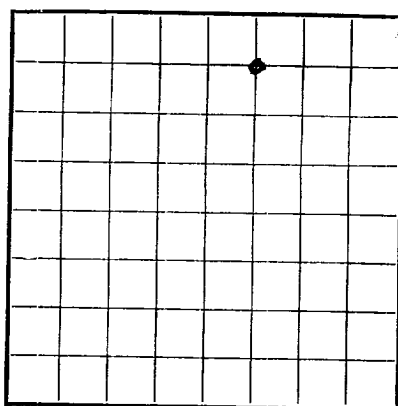


COPY TO O. C. C.

U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **069224**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **John H. Trigg** Address **705 Amherst Drive SE Albuquerque, New Mexico**

Lessor or Tract _____ Field **North Caprock** State **New Mexico**

Well No. **1-S-21** Sec. **21** T. **12S** R. **32E** Meridian **N. M. P. M.** County **Lea**

Location **640** ft. **N** of **N** Line and **1980** ft. **E** of **E** Line of **Section 21** Elevation **4367**
(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 **John H. Trigg** Title **Owner**

Date **December 16, 1954**

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

Commenced drilling **September 11,** 19**54** Finished drilling **October 4,** 19**54**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3015** to **3035** 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—	
13 3/8	44 1/2		Spiral weld 120	120	Texas Pattern		0	120	Surface
8 5/8	24 1/2		1-55	1120	Texas Pattern		0	1120	Intermediate
5 1/2	11 1/2		1-55	3013	1-55		0	3013	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	120	50			
5 1/2	3013	100			

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
Sandfraced with 8,000 gallons of Petrifrac, one-half pound of sand to one gallon						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

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

DATES

September 11, 19**54** Put to producing **October 4,** 19**54**

The production for the first 24 hours was **5** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

B. M. Nestor _____, Driller _____, Driller

J. C. Hutchins _____, Driller _____, Driller

J. A. Copeland _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	450		Sand and caliche
450	1000		Red shale and lime
1000	1430		Red shale, sand and lime
1430	1548		Anhydrite, dolomite and red shale
1548	2140		Salt
2140	2270		Anhydrite and salt
2270	2395		Sand, red shale and anhydrite
2395	2460		Anhydrite, salt, and shale
2460	2490		Anhydrite and sand
2490	2800		Anhydrite, salt, shale
2800	2850		Anhydrite, sand and red shale
2850	2900		Salt, anhydrite and red shale
2900	2985		Anhydrite
2985	3007		Shale and anhydrite
3007	3014		Anhydrite, dolomite and red shale
3014	3036		Sand
3036	3047		Sand and anhydrite
3047			Total depth

