

U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **062483**

LEASE OR PERMIT TO PROSPECT

RECEIVED UNITED STATES
DEPARTMENT OF THE INTERIOR
NOV 22 1961
GEOLOGICAL SURVEY
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **John H. Trigg** Address **P.O. Box 520 Roswell, New Mexico**
Lessor or Tract **Federal "py"** Field **N. Square Lake Grbg** State **New Mexico**
Well No. **3-5** Sec. **5** T. **16S** R. **31E** Meridian **N.M.P.M.** County **Eddy**
Location **2970** ft. **N.** of **8** Line and **660** ft. **E.** of **W** Line of **Section 5** Elevation **4034**
(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

Date **October 16, 1961**Title **Geologist**

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

Commenced drilling **September 5**, 19**61** Finished drilling **September 13**, 19**61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3274** to **3290** 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—	
8 5/8"	244		J-55	728'	float				
4 1/2"	10.54		G.F.I.	3320	float		3274	3276	
							3279	3281	
							3284	3290	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	742	100	Pump		
4 1/2"	3331'	200	Pump		

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
S. F.	50,400 gallons crude with 90,000# sand					

TOOLS USED

Rotary tools were used from **0** feet to **3417** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 16, 19**61** Put to producing **September 27**, 19**61**

The production for the first 24 hours was **117** 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

D. T. Smith, Driller **C. T. Holbert**, Driller
R. D. Blackledge, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	730	730	Red Beds
730	810	80	Anhydrite
810	1610	800	Salt
1610	2960	1350	Red beds with anhydrite streaks
2960	3305	345	Lime with several sand breaks
3305	3417	112	White lime
	T. D. 3417'		
Log Tops:	Anhydrite??	750	
	B. Salt	1610	
	Yates	1780	
	Queen P	2588	
	Grayburg	2960	
	Premier	3266	
	San Andres	3306	

