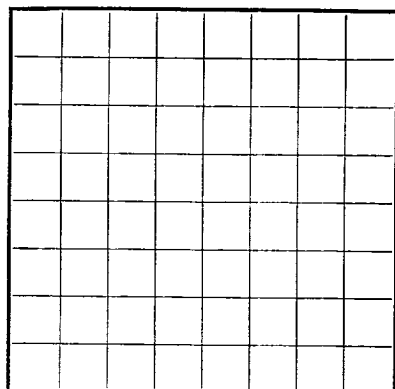


Form 9-330

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

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

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

Company **John H. Trigg** Address **P.O. Box 520 Roswell, New Mexico**
Lessor or Tract **Federal "TV"** Field **N. Square Lake Grbs** State **New Mexico**
Well No. **4-5** Sec. **5** T16S R. 31E Meridian **N.M.P.M.** County **Eddy**
Location **2970'** ft. ^[N.]_{XX} of **S** Line and **1980'** ft. ^[E.]_{XX} of **W** Line of **Section 5** Elevation **4052**
(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 14**, 19 **61** Finished drilling **September 21**, 19 **61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3323** to **3348** 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"	24#		J-55	751	float		3323	3327	
4 1/2"	19.5#		C.P.T.	3377	float		3329	3336	
							3339	3348	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	765'	100	Pump		
4 1/2"	3388'	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
250 gal MCA:	SP	47,000 gallons oil with 117,000# sand.				

TOOLS USED

Rotary tools were used from **0** feet to **3390** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

10-18, 19**61** Put to producing **10-18**, 19 **61**

The production for the first 24 hours was **168** 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 **W. M. Knight**, Driller
R. D. Blackledge, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	770	770	Red Beds
770	870	100	Anhydrite
870	1670	800	Salt
1670	3020	1350	Red beds with anhydrite and lime breaks
3020	3365	340	Lime with sand breaks
3365	3390	25	Lime
	T. D. 3390'		
Log tops:	Anhydrite	772	
	Base Salt	1653	
	Yates	1823	
	Queen P	2637	
	Grayburg	3010	
	Premier	3320	
	San Andres	3365	

[OVER]

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