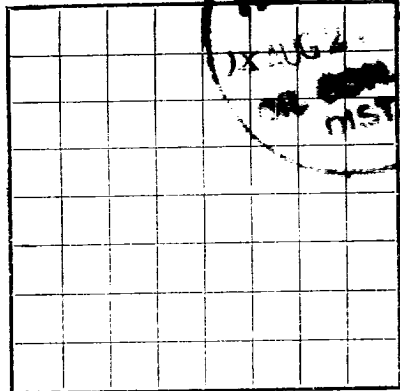


U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER SF-04444  
LEASE OR PERMIT TO PROSPECT



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company J. R. Abraham Address 224-1st National Bank Bldg. Alb. N. M.  
Lessor or Tract \_\_\_\_\_ Field Horseshoe State New Mexico  
Well No. 3 Sec. 14 T30N R. 16W Meridian N. M. P. M. County San Juan  
Location 520 ft. N. of N. Line and 1935 ft. E. of E. Line of Section-14 Elevation 5417  
(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. R. Abraham

Date Aug-1-1959 Title \_\_\_\_\_

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

Commenced drilling April-25, 1959 Finished drilling July-15, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2722 to 2758 No. 4, from 2875 to 2884  
No. 2, from 2820 to 2851 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 2856 to 2863 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	
10-3/4-45			J. N. L.	110					Surface
5-1/2-14-15-1/2			B. H. D.	2932				2932	Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	110	75	Halliburton		
5-1/2	2932	225	B. J. Service		

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
See Well History						

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to 2884 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

Put to producing July-30, 1959  
The production 165 barrels in 24 hours was 1500 in 24 hours flow test which 100 % was oil; 0 % emulsion; 0 % water and \_\_\_\_\_ % sediment. Gravity, °Bé. 40  
If gas well, cu. ft per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

Grossman Drilling Co, Driller \_\_\_\_\_, Driller \_\_\_\_\_  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller \_\_\_\_\_

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	1000	1000	Sd-Shale
1000	2600	1600	Shale
2600	2606	6	Sd
2606	2680	74	Shale
2680	2722	42	Sd-Shale
2722	2753	36	Sd-with thin shale breaks
2753	2820	62	Shale
2820	2851	31	Sd
2851	2856	5	Shale
2856	2863	7	Sd
2863	2875	12	Shale
2875	2884	9	Sd
2884	2940	56	Shale
Top Gallup	2674		

