

Santa Fe

U. S. LAND OFFICE **SF-04444**

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **J. R. Abraham** Address **224 1st National Bank Bldg., Alb., N.M.**
Horseshoe State **New Mexico**
Lessor or Tract **3** Field **NMPM** County **San Juan**
Well No. **520** Sec. **14** T. **30N** R. **16W** Meridian **E** Section **14** Elevation **5417**
Location **520** ft. **N.** of **N** Line and **1935** ft. **E.** of **E** Line of **Section 14** (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 **August 1, 1959**Title **Owner**

The summary on this page is for the condition of the well at above date.
Commenced drilling **April 25**, 19**59** Finished drilling **July 18**, 19**59**

OIL OR GAS SANDS OR ZONES

No. 1, from **2722** to **2758** (Denote gas by G) No. 4, from **2875** to **2884**
No. 2, from **2820** to **2851** No. 5, from **2856** to **2863**
No. 3, from **2856** to **2863** No. 6, from **2863** to **2875**
IMPORTANT WATER SANDS
No. 1, from **2856** to **2863** No. 3, from **2863** to **2875**
No. 2, from **2863** to **2875** No. 4, from **2875** to **2884**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	Purpose
103/4	45	8 R.D.	J.N.L.	110					Surface
5-1/2	14	8 R.D.	J.N.L.	2932					2932

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
103/4	110	75	Halliburton		
5-1/2	2932	225	BJ 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 **0** feet to **2940** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 30, 19**59** Put to producing **July 30**, 19**59**

The production for the first **24** hours was **125** barrels of fluid of 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	2758	36	Sd-with thin shale breaks
2758	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	2722		

FORMATION RECORD—CONTINUED

