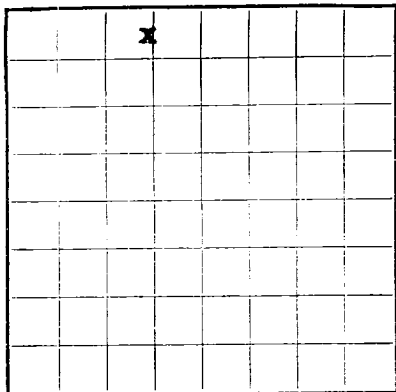


U. S. LAND OFFICE **44-03372**

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Sec. 20

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

ROGER HARRIS

c/o Oil Reports Box 763 Hobbs, N.M.

Company **Federal**

Address **Designated New Mexico**

Lessor or Tract **1 20 9S 35E**

Field **Lea** State **Lea**

Well No. **660** Sec. **20** T. **9S** R. **35E** Meridian **W**

County **Lea** Elevation **4165** GL

Location **660** ft. **S** of **N** Line and **1933** ft. **E** of **W** Line of **20** Line of **20** Elevation **4165** GL
(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.

3/30/60

Signed **Agent**

Date

Title

The summary on this page is for the condition of the well at above date. **2/24/60**

Commenced drilling **12/5/59**, 19 **59** Finished drilling **2/24/60**, 19 **60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4800** to **4880** No. 4, from **4880** to **4905**
4882 **4905**

No. 2, from **4882** to **4905** No. 5, from **4882** to **4905**

No. 3, from **4882** to **4905** No. 6, from **4882** to **4905**

IMPORTANT WATER SANDS

No. 1, from **4882** to **4905** No. 3, from **4882** to **4905**

No. 2, from **4882** to **4905** No. 4, from **4882** to **4905**

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"	-20#		-	set at 297'					Surface
4-1/2"	9.5#			set at 4889'			4800	4805	Oil
							4815-35		
							4855-65		
							4865-74		
						Reperf	4874-4880		
							4880-4905		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	set at 297'	w/150 sx reg 50 sx	50 sx		
4-1/2"	set at 4889'	w/150 sx			

PLUGS AND ADAPTERS

Heaving plug—Material **50 sx** Length **50** Depth set **50**

Adapters—Material **50 sx** Size **50**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from **4882** feet to **4887** feet, and from **4887** feet to **4905** feet

Cable tools were used from **4882** feet to **4887** feet, and from **4887** feet to **4905** feet

DATES

3/30/60, 19 **60** Put to producing **2/23/60**, 19 **60**

The production for the first 24 hours was **200** barrels of fluid of which **50%** was oil; **50%** emulsion; **50%** water; and **50%** sediment. Gravity, °Bé. **50**

If gas well, cu. ft. per 24 hours **50** Gallons gasoline per 1,000 cu. ft. of gas **50**

Rock pressure, lbs. per sq. in. **50** **A/1000 gal Orig Perfs-8000 gals**
Realized 4880-4905 1000 gal

EMPLOYEES

50, Driller **50**, Driller

50, Driller **50**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Loc Log Top A-2212 1-2776 54-4024
			1 copy log attached

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidedracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

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