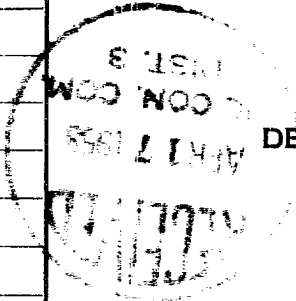
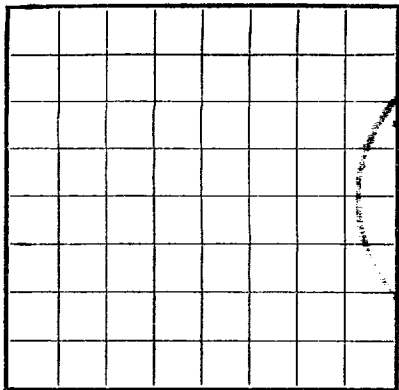


U. S. LAND OFFICE Gerente Pe  
SERIAL NUMBER 578272  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Harrell Bros Address 2111 W. Main St. Farmington  
Lessor or Tract Dunn #1 Field Wildcat State New Mexico  
Well No. 1 Sec. 10 T. 23N R. 7W Meridian UTM County Rio Arriba  
Location 660 ft. N. of 2 Line and 660 ft. E. of 2 Line of Sec. 10 Elevation 7210  
(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 Harrell Bros

Date April 15, 1957 Title \_\_\_\_\_

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

Commenced drilling April 15, 1956 Finished drilling April 3, 1956

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 5597 to 5616 No. 4, from 5346 to 5313  
No. 2, from 5716 to 5725 No. 5, from 5327 to 5346  
No. 3, from 5774 to 5738 No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from none 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
10-3/4				170'				Surface
8-1/2	14		2-53	5895			From 5597 to 5616	5" - 7" string
							5716 to 5725	
							5774 to 5738	
							5327 to 5346	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	170'	325	Displacement		
8-1/2	5895	28	" "		

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

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to 2325 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

November 14, 1956 Put to producing November 14, 1956

The production for the first 24 hours was 47 barrels of fluid of which 27% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours 375 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 1625

EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	275	275	Washch fm.
275	1592	1317	Terrejon Puerto fm.
1592	1720	128	Ojo Alamo fm.
1720	1975	255	Kirtland fm.
1975	2227	252	Fruitland fm.
2227	2315	88	Adriatic Shale fm.
2315	3050	775	Lewis fm.
3050	4545	1455	Cliff House - Mancosque fm.
4545	4710	165	Point Lookout fm.
4710	5575	865	Upper Menace
5575	5895	320	Gallup fm.