



U. S. LAND OFFICE  
SERIAL NUMBER Jicarilla 101  
LEASE OR PERMIT TO PROSPECT


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Huron Drilling Company Address 1575 Sherman St., Denver 3, Colo.  
Lessor or Tract Huron Field Basin Dakota State New Mexico  
Well No. 4-2 Sec. 2 T. 26NR. 4W Meridian NMPM County Rio Arriba  
Location 990 ft. N. of S. Line and 1190 ft. W. of E. Line of Sec. 2 Elevation 7171 KB  
(Derive 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 [Signature]

Date January 6, 1964 Title President

The summary on this page is for the condition of the well at above date.  
Commenced drilling October 8, 1963 Finished drilling November 13, 1963.

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

GNo. 1, from 3896 to 3964 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
GNo. 2, from 8116 to 8320 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-	
12-3/4	33#		CENT	303	Guide				Surface
8-5/8	32#			4175	Float	3896	3964		Intermediate
5-1/2	15.5#			4331	Float	8116	8320		Liner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12-3/4	303	275	Pump & Plug	8.9 lbs/gal.	
8-5/8	4175	261	Pump & Plug	9.8 lbs/gal.	
5-1/2	8382	545	Pump & Plug	gas	

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
	Pictured Cliffs	- Sand-water Frac w/	100,000 lbs	100,000 gal.		
	Dakota	- Sand-water Frac w/	97,000 lbs	97,000 gal.		

TOOLS USED

Rotary tools were used from 0 feet to 8386 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

Put to producing December 9, 1963  
The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment.  
Rate - 3Hr. Potential PC - 979M Gravity, °Bé. \_\_\_\_\_  
If gas well, cu. ft. per 24 hours DK - 669M Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. PC - 1168  
DK - 1492

EMPLOYEES

Huron Drilling Company Inc., Driller \_\_\_\_\_, Driller  
Contractor, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
			Formation Tops (Logs)
Pictured Cliffs			
3896	3940		Pictured Cliffs - 3888 (+3283)
3954	3964		Cliffhouse - 5638 (+1533)
			Point Lookout - 6002 (+1169)
			Greenhorn - 8020 (+849)
			Graneros - 8108 (+938)
Dakota			
8116	8134		
8154	8174		
8250	8258		
8296	8320		

For additional information see attached  
Drilling and Completion history

