

N. M. O. C. C.

Form 9-330

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U. S. LAND OFFICE - Santa Fe, N. Mex.  
 SERIAL NUMBER \_\_\_\_\_  
 LEASE OR PERMIT TO PROSPECT 073941

DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Standard Oil and Gas Company Address 301 1/2, Hobbs, New Mexico  
 Lessor or Tract J. W. Fuller Field Prio-Dona State New Mexico  
 Well No. 1 Sec. 25 T. 22 R. 30E Meridian 104W County Quay

Location 550 ft. S. of N. Line and 450 ft. W. of E. Line of Section 25 (T. 22, R. 30E) Elevation 440  
(Derrick floor relative to 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.

Date April 6, 1943 Signed Robert Pennington Title Field Superintendent

The summary on this page is for the condition of the well at above date.  
 Commenced drilling December 30, 1942 Finished drilling March 20, 1943

OIL OR GAS SANDS OR ZONES

(Denote gas by G)  
 No. 1, from None to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ 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
							From	To	
16"	70#	67	Endriand	120'	None	None pulled			
13"	50#	87	Do	1058'	Malibu	Do			
9-7/8"	40 1/2#	8 & 27	Hand	500'	Barker	4354'			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	13' 12"	125 Sks.	MILLIBURTON		
13"	10' 4 1/2"	300 Sks.	MILLIBURTON		
9-7/8"	4500'	150 Sks.	MILLIBURTON		

PLUGS AND ADAPTERS

Heaving plug—Material None Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material None Size \_\_\_\_\_

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		<u>None</u>				

FOLD MARK

15"	4-17-77	Hand	1000'	Wilmington	50
13"	4-17-77	Hand	1000'	Wilmington	50

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	13 1/2"	125 Sks.	WILMINGTON		
13"	10 1/2"	200 Sks.	WILMINGTON		
13 1/2"	4500'	140 Sks.	WILMINGTON		

FOLD MARK

**PLUGS AND ADAPTERS**

Heaving plug—Material None Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material None Size \_\_\_\_\_

**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		None				

**TOOLS USED**

Rotary tools were used from 0 feet to 6747 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

Put to producing \_\_\_\_\_, 19\_\_\_\_  
 The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which Did not % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. \_\_\_\_\_  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

Loffland Bros. Drilling Co. Contractor/Driller \_\_\_\_\_, Driller  
 \_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM	TO	TOTAL FEET	FORMATION
0	170	170	Surface Rock
170	190	20	Sand
190	250	60	Shells
250	390	140	Red Beds
390	987	597	Sandy Red Beds
987	1120	133	Shaley Sand
1120	1135	15	Hard Lime
1135	1158	23	Red Beds
1158	1200	42	Anhydrite
1200	1310	110	Salt
1310	1760	450	Anhydrite with Salt Stringers
1760	1780	20	Sand
1780	2019	239	Anhydrite with Salt Stringers
2019	2069	50	Lime
2069	2175	106	Salt and Anhydrite
2175	2219	44	Dolomite
2219	2412	193	Salt
2412	4220	1807	Hard Dolomite Anhydrite
4220	4353	133	Salt
4353	4495	142	Shale
4495	4540	45	Lime
4540	4551	11	Sand
4551	5613	1062	Salt
5613	5643	30	Shale with Granite Wash Stringers
5643	6000	357	Salt

(OVER)

FORMATION RECORD - Continued

FROM	TO	TOTAL FEET	FORMATION
6000	6010	10	Granite Wash
6010	6158	148	Shale with Lime Stringers
6158	6215	57	Granite Wash
6215	6727	512	Shale with Lime and Granite Wash Stringers
6727	6730	3	Lime and Dolomite
6730	6747 1/2	17 1/2	Granite - Total Depth

**EXPLANATION**

**EXPLANATION RECORD**

Driller \_\_\_\_\_

Driller \_\_\_\_\_

**EMPLOYEES**

Rock pressure per sq. ft. \_\_\_\_\_

Pipe work per ft. per sq. ft. \_\_\_\_\_

Gas pressure per 1000 cu. ft. of gas \_\_\_\_\_

Oil pressure per 1000 cu. ft. of oil \_\_\_\_\_

Production per 24 hours \_\_\_\_\_

Per ft. production \_\_\_\_\_

**DATES**

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**LOGS USED**

No.	Date	Depth	Remarks

**SHOOTING RECORD**

\_\_\_\_\_

**TRUCKS AND VEHICLES**

No.	Date	Depth	Remarks

SHOOTING RECORD

PLUGS AND BRIDGES

REDRILLING AND REMEDIAL RECORD

HISTORY OF OIL OR GAS WELL

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 "sidetracked" 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 balling.

Core No. 1 - 2420-35', recovered 13 1/2'; 10' anhydrite, 3 1/2' hard granular dolomite, odor gas on fresh break.

Core No. 2 - 2435-52', recovered 18 1/2'; 10' dark brown granular light dolomite, good odor on fresh break, 7' hard gray to brown crystalline limestone, 1' brown granular dolomite with stain and odor.

Core No. 3 - 2452-70', recovered 17'; 1' anhydrite, 15' hard crystalline lime with streaks of stain and odor.

Core No. 4 - 2470-83', recovered 16'; 10' dolomite anhydrite, 4' limey dolomite, 2' black fine crystalline dolomite.

Drill Stem Test No. 1 - 2420-83', open 30 minutes; recovered 100' drilling mud, B.H.P. none, no show of oil or gas.

Drilled 2510-24', medium porous saccharine limey dolomite, slight odor gas on fresh break.

Core No. 5 - 2524-42', recovered 18'; 7' brown granular dolomite, slight porosity, good odor gas, 7' anhydrite, 4' salt.

Drill Stem Test No. 2 - 2505-75', open 40 minutes; recovered 285' drilling mud, no show oil or gas.

Drilled 2630-30', brown crystalline and lime, slight to fair porosity, good odor gas.

Drill Stem Test No. 3 - 2593-2678', open 40 minutes; recovered 500' drilling mud, no show oil or gas, B.H.P. 100 pounds.

This well was drilled to total depth of 6747' in basement granite and was abandoned.

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

FORM NO. 330

FIELD OFFICE