

LOCATE WELL CORRECTLY

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 93478 C
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company McFarland Corporation Address 3612 West Wall Street, Midland, Texas
 Lessor or Tract Malone Federal A Field Undesignated State New Mexico
 Well No. 1 Sec. 13 T. 19S R. 31E Meridian N.M.P.M. County Eddy County
 Location 1980 ft. NE of N. Line and 1980 ft. E. of W. Line of Sec. 13 Elevation 3594
 (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 Richard L. Robinson

Date November 12, 1963

Title **Vice President**

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

Commenced drilling April 29, 1943 Finished drilling October 23, 1943

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

No. 1, from **12446** ----- to **12482 (G)** -----
 No. 2, from **12603** ----- to **12632 (G)** -----
 No. 3, from ----- to -----
 No. 4, from ----- to -----
 No. 5, from ----- to -----
 No. 6, from ----- to -----

IMPORTANT WATER SANDS

No. 1, from _____ to _____
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____ to _____

HOUSING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	705	330	Pump & Plug		
8-5/8	4195	300	Pump & Plug		
4-1/2	12715	310	Pump & Plug		

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 705 feet to 12715 feet, and from _____ feet to _____ feet.

Cable tools were used from -----0----- feet to -----795----- feet, and from ----- feet to ----- feet.

DATES

November 12, 1963 Put to producing November 8, 1963

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

If gas well, cu. ft. per 24 hours 1,540,000 Gallons gasoline per 1,000 cu. ft. of gas 5

Rock pressure, lbs. per sq. in. -----50204

EMPLOYEES

R. E. Smith	Driller	Driller
J. H. Owen	Driller	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
682	682	682	Red sand & shale
920	920	238	Anhydrite
984	984	64	Salt and shale
2350	2350	1366	Salt
2512	2512	162	Anhydrite
2890	2890	378	Sand and dolomite
4000	4000	1110	Dolomite
5365	5365	1365	Dolomite and sand
6965	6965	1600	Sand, dolomite, and shale
8298	8298	1363	Shaly lime
8658	8658	360	Sand
9046	9046	388	Shaly lime
9448	9448	402	Sand
9848	9848	400	Shaly lime
10220	10220	372	Sand
10392	10392	172	Sandy shale
10645	10645	252	Limestone
11252	11252	607	Shale
11655	11655	403	Limestone
11815	11815	160	Shale and Lime
12276	12276	461	Lime, shale, and sand
		439	Sand and shale

[illegible]

1. The first step is to identify the problem. This involves understanding the symptoms and the context in which the problem is occurring. It is important to gather as much information as possible about the problem, including any relevant data and the opinions of those involved.

2. The second step is to analyze the problem. This involves breaking the problem down into its constituent parts and identifying the underlying causes. It is important to consider all possible causes and to evaluate the evidence for each one.

3. The third step is to develop a solution. This involves identifying the most effective way to address the problem, taking into account the resources available and the potential risks. It is important to consider all possible solutions and to evaluate the evidence for each one.

4. The fourth step is to implement the solution. This involves putting the solution into practice and monitoring its progress. It is important to ensure that the solution is implemented correctly and to make any necessary adjustments along the way.

5. The fifth step is to evaluate the results. This involves assessing the effectiveness of the solution and identifying any areas for improvement. It is important to gather feedback from those involved and to use this to inform future actions.

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 position. If the well has been dynamited, give date, size, position, and amount of shots. If pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

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FROM—	TO—	TOTAL FEET	FORMATION
662	12276	12276	1952
920	11815	11815	1952
2350	11635	11635	1952
2512	11238	11238	1952
10900	10398	10398	1952
3265	8130	8130	1952
6965	6965	6965	1952
10900	10900	10900	1952
2512	2512	2512	1952
10900	10900	10900	1952
3265	3265	3265	1952
6965	6965	6965	1952
10900	10900	10900	1952
2512	2512	2512	1952
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2512	2512	2512	1952
10900	10900	10900	1952
3265	3265	3265	1952
6965	6965	6965	1952
10900	10900	10900	1952
2512	2512	2512	195