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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

McFarland Corporation

(Company or Operator)

Harris

(Lease)

Well No. 1-2, in NW 1/4 of NE 1/4, of Sec. 2, T-13-S, R.-38-E, NMPM.

Wildcat

Pool,

Lea

County.

Well is 660 feet from North line and 1658.3 feet from East line

of Section 2. If State Land the Oil and Gas Lease No. is

Drilling Commenced April 27, 1963 Drilling was Completed June 17, 1963

Name of Drilling Contractor McFarland Corporation

Address 3612 West Wall, Midland, Texas

Elevation above sea level at Top of Tubing Head 3793 The information given is to be kept confidential until

Not confidential, 19

OIL SANDS OR ZONES

No. 1, from 9,024' to 9,072' No. 4, from to

No. 2, from 11,142' to 11,150' No. 5, from to

No. 3, from 11,866 to 11,874' No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8	48	New	344	None	-	None	Surface
8-5/8	32	New	4650	Davis-Lynch	-	None	Intermediate
5-1/2	17 & 20	New	11,874	Davis-Lynch	-	11,866'-11,873	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2	13-3/8	344	325	Cut., plug, & pump		
11"	8-5/8	4650	360	Cut., plug, & pump		
7-7/8	5-1/2	11,874	505	Cut., plug, & pump		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perforations 11,866' - 11,873' (Devonian) were treated w/1500 gallons Western Co.

DS-40 acid. Flushed w/ 2 bbls oil plus 46 bbls tubing capacity. Scrubbed well back

3 hrs and kicked off and flowed.

Result of Production Stimulation 1st - 24 hrs. following acid job, well flowed 242 bbls new oil.

T-P. 2904, GOR 57-1, 1/4" positive choke.

Depth Cleaned Out 11,873'

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0' feet to 11,874' feet, and from feet to feet.
Cable tools were used from Not used feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 1:00 P.M., 19 63
OIL WELL: The production during the first 24 hours was 242 barrels of liquid of which 100 % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity 42 degrees API
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure lbs.
Length of Time Shut in Not shut in prior to test

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.	2230		T. Devonian.	11,865	
T. Salt.	2340		T. Silurian.		
B. Salt.	3020		T. Montoya.		
T. Yates.	3070		T. Simpson.		
T. 7 Rivers.	3225		T. McKee.		
T. Queen.	4020		T. Ellenburger.		
T. Grayburg.			T. Gr. Wash.		
T. San Andres.	4485		T. Granite.		
T. Glorieta.	5940		T.		
T. Drinkard.			T.		
T. Tubbs.	7195		T.		
T. Abo.	7870		T.		
T. Penn.	9640		T.		
T. Miss.	11,115		T.		
			T.		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	45	45	Surface rock	11815	11865	50	Shale
45	265	220	Surface rock & redbeds	11865	11874	9	Dolomite
265	2230	1965	Redbeds				
2230	2340	110	Anhydrite				
2340	4047	1707	Salt & Anhydrite				
4047	4512	465	Anhydrite				
4512	4650	138	Anhydrite & Lime				
4650	6166	1516	Lime				
6166	6310	144	Lime & Sand				
6310	8459	2149	Lime				
8459	8585	126	Lime & Sand				
8585	9307	722	Lime				
9307	9494	187	Lime & Chert				
9494	9575	81	Lime				
9575	9616	41	Lime & Shale				
9616	10033	417	Lime				
10033	10165	132	Lime, Chert, Shale, Dolo.				
10165	10296	131	Lime, Sand, & Shale				
10296	10555	259	Lime				
10555	10945	390	Lime and Shale				
10945	11147	202	Lime				
11147	11370	223	Lime & Chert				
11370	11507	137	Lime & Shale				
11507	11562	55	Lime, Shale, & Chert				
11562	11815	253	Lime & Chert				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Richard L. Robinson June 27, 1963 (Date)
Company or Operator McFarland Corporation Address 3612 West Wall, Midland, Texas
Name Richard L. Robinson Position or Title Vice President

New Mexico Oil Conservation Commission
Hobbs, New Mexico

1963 JUN 28 PM 3:24

Gentlemen:

In accordance with Rule No. NMOCC order R-2308, we are filing a record of our deviation surveys run on our Harris 1-2 well, NW/4 NE/4 Section 2, T-13-S, R-38-E, Lea County, New Mexico.

<u>DEPTH</u>	<u>SURVEY</u>
175'	1/4 degree
344'	1/2 degree
690'	3/4 degree
1550'	3/4 degree
2207'	1/4 degree
2750'	1/4 degree
3137'	1/2 degree
3859'	3/4 degree
4300'	1/2 degree
4540'	1/2 degree
4897'	1 degree
5102'	1-1/2 degrees
5305'	2-1/4 degrees
5920'	1-1/2 degrees
6396'	1-1/2 degrees
6649'	1-3/4 degrees
6870'	2-1/2 degrees
7100'	2 degrees
7365'	2-1/4 degrees
7497'	2-3/4 degrees
7606'	3 degrees
7748'	2-3/4 degrees
7960'	3-1/4 degrees
8235'	2 degrees
8450'	2-3/4 degrees
8600'	2-1/4 degrees
8964'	2-1/4 degrees
9080'	2 degrees
9194'	2 degrees
9494'	2 degrees
9671'	1-1/2 degrees
10167'	2 degrees
10350'	2-3/4 degrees
10630'	2-1/4 degrees
10935'	2-1/4 degrees
11140'	2-1/2 degrees
11402'	2-3/4 degrees
11595'	2-3/4 degrees
11708'	2-3/4 degrees
11874'	2-1/2 degrees

I certify that the above is correct and complete to the best of my knowledge.

McFARLAND CORPORATION

Richard L. Robinson

Richard L. Robinson
Vice President

Subscribed and sworn to before me on this the 27th day of June, 1963.

Manda Harris Notary Public in and for Midland

County, Texas

McFARLAND CORPORATION HARRIS 1-2

Drill Stem Tests

- DST #1 8990' - 9080' Tool open 3½ hours. Fair blow. Recovered 7400' gas in drill pipe, 1300' free oil and some mud.
IHH = 4060; ISIP (½ hr.) = 1405; IFP = 135; FFP = 550; FSIP (45 min) = 880; FHH = 4060; Temp. 140
- DST #2 9444' - 9494' Miss-run
- DST #3 9434' - 9494' Tool open 3 hrs. Fair blow. Recovered 360' gas in drill pipe and 390' gas and oil cut mud.
IHH = 4355; ISIP (1 hr.) = 1095; IFP = 245; FFP = 275; FSIP (1 hr.) = 1035; Temp. 142
- DST #4 11,790' - 11,874' Tool open 4 hours. Fair blow. Gas to surface in 1 hour and 45 min. Recovered 724' oil and 420' heavily oil and gas cut mud.
IHH = 5735; ISIP (1 hr.) = 4230; IFP = 260; FFP = 530; FSIP (1½ hrs.) = 4200; FHH = 5735

No Cores were taken