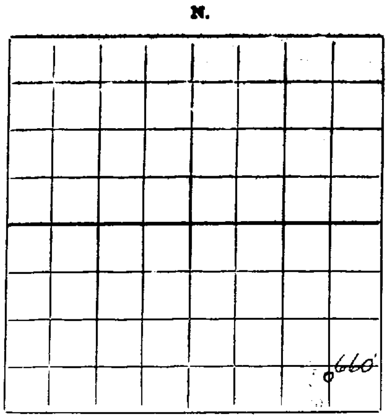
(Revised 7/1/52)
(Form C-105)



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Magnolia Petroleum Company (Company or Operator) J. C. Maxwell (Lease)

Well No. 2, in SE ¼ of SE ¼, of Sec. 27, T. 14-S, R. 37-E, NMPM.

Denton Wolfcamp Pool, Lea County.

Well is 560' feet from South line and 660' feet from East line

of Section 27. If State Land the Oil and Gas Lease No. is

Drilling Commenced December 16, 1952 Drilling was Completed February 23, 1953

Name of Drilling Contractor Brahaney Drilling Company,

Address Box 1695, Midland, Texas.

Elevation above sea level at Top of Tubing Head 3826' DF The information given is to be kept confidential until

, 19

OIL SANDS OR ZONES

No. 1, from 9365' to 9371' No. 4, from to

No. 2, from 9384' to 9398' No. 5, from to

No. 3, from to 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 None 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
10-3/4"	35.75#	New	445'				Surface String.
7-5/8"	26.40#	New	4280'				Salt String.
5-1/2"	17#	New	5353'			9365'-9371'	Oil String.
						9384'-9398'	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	10-3/4"	445'	450	Halliburton		
9-7/8"	7-5/8"	4280'	3000	Halliburton		
6-3/4"	5-1/2"	9498'	700	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

SEE ATTACHED SHEET:

Result of Production Stimulation

Depth Cleaned Out

CORD OF DRILL-STEM AND SPECIAL T

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 9498' feet, and from .... feet to .... feet.

Cable tools were used from .... feet to .... feet, and from .... feet to .... feet.

PRODUCTION

Put to Producing February 19, 1953

OIL WELL: The production during the first 24 hours was 211 barrels of liquid of which 99.8 % was was oil; 0 % was emulsion; 0 % water; and .2 % was sediment. A.P.I. Gravity 44.6 @ 60°

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 ....

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

Southeastern New Mexico			Northwestern New Mexico
T. Anhy 2132'	T. Devonian		T. Ojo Alamo
T. Salt	T. Silurian		T. Kirtland-Fruitland
B. Salt	T. Montoya		T. Farmington
T. Yates 3145'	T. Simpson		T. Pictured Cliffs
T. 7 Rivers	T. McKee		T. Menefee
T. Queen	T. Ellenburger		T. Point Lookout
T. Grayburg	T. Gr. Wash		T. Mancos
T. San Andres 4662'	T. Granite		T. Dakota
T. Glorieta 6217'	T.		T. Morrison
T. Drinkard	T.		T. Penn
T. Tubbs 7366'	T.		T.
T. Abo 8065'	T.		T.
T. Penn 9403'	T.		T.
T. Miss	T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	445'	445'	Calichie, Red Bed & Gravel				
445'	3322'	2877	Anhydrite, Salt & Shale.				
3322	3880	558	Shale and Anhydrite.				
3880	6524	2644	Sand and Lime.				
6524	8686	2162	Lime.				
8686	9188	502	Lime and Shale.				
9188	9222	34	Lime and Sand.				
9222	9498	276	Lime, Sand and Shale.				

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.

March 18, 1953.
(Date)

Company or Operator Magnolia Petroleum Company Address Box 727, Kermit, Texas.

Name E H Blundell Position or Title District Superintendent.

RECORD OF PRODUCTION AND STIMULATION

Cardinal Chemical Company attempted to acidize perforations 9384' - 9398' W/500 gallons 20% SLT acid, TP-3000#, CP-2500#, 1-1/2 barrels in formation, packer gave way. (2-16-53).

Cardinal Chemical Company acidized perforations 9384' - 9398' W/500 gallons 20% SLT acid, 2400# pressure, time 30 minutes, injection rate .4 BPM, swabbed 37 BLO plus 12 BAW, 17 BFO 3 hours, kicked off and flowed 16.55 BFO 4 hours, last hour flowed 4.25 barrels, flowed 30.94 BFO, plus 110 BW 6 hours, 20/64" choke, GOR - 353/1, last hour flowed 8.94 barrels, TP-70#.(2-18-53)

Cardinal Chemical Company re-acidized perforations 9384' - 9398' W/1000 gallons 20% SLT acid, 3000# pressure, time 1 hour 5 minutes, injection rate .6 to .8 BPM, swabbed and flowed 43 BLO, (all), plus 24 BAW, 104 BFO 13 hours, swabbed and flowed 99.31 BFO, no water, next 10 hours, (2-19-53)

Cardinal Chemical Company re-acidized perforations 9384' - 9398' W/500 gallons mud acid, 1500 gallons 20% SLT acid, time 1 hour 5 minutes, injection rate 1 BPM @ 2600# to 3500#, swabbed and flowed 8.27 BFO, choke size 32/64", swabbed and flowed 250 BFO, 8 BAW (all) 28 hours, last hour swabbed 19 BFO, swabbed 237 BLO next 21 hours, 63 BLO not recovered. (2-20-53).

Cardinal Chemical Company attempted to acidize perforations 9365' - 9371', packer @ 9377', W/500 gallons 20% mud acid, TP-3000# to 3500#, no break, washed 8 hour @ 3500#, washed 8 hours @ 4000#, no break, reversed out acid. (2-24-53)

Cardinal Chemical Company re-acidized perforations 9365' - 9371' W/500 gallons mud acid, time 1 hour 45 minutes, injection rate 1-1/2 BPM @ 2500#, TP-4000#, 4250# and 2500#, swabbed 187 BLO plus 12 BAW 12 hours, swabbed 113 BLO (all) next 7 hours, swabbed 123 BFO next 5 hours.(2-25-53).

Cardinal Chemical Company re-acidized perforations 9365' - 9371' W/1000 gallons 20% SLT acid, time 17 minutes, injection rate 2 BPM @ 2500# and 2100#, swabbed 125 BLO plus 19 BAW first 9 hours, next 10 hours swabbed 116 BLO, no AW, 59 BLO plus 5 BAW to recover. (2-26-53).

Cardinal Chemical Company re-acidized perforations 9365' - 9371' W/3000 gallons 20% SLT acid, time 32 minutes, injection rate 2.8 BPM, TP-3000# to 4000#, swabbed 154 BLO plus 22 BAW first 10 hours, swabbed 205 BLO plus 55 BAW plus 147 BFO next 26 hours. (3-1-53).

Cardinal Chemical Company re-acidized perforations 9365' - 9371' W/6000 gallons 20% SLT acid, time 48 minutes, injection rate 3 BPM, TP-3000# to 3500#, swabbed 248 BLO plus 17 BAW 14 hours, swabbed 52 BLO plus 72 BAW plus 256 BFO next 24 hours, 55 BAW to recover.(3-3-53).

Cardinal Chemical Company re-acidized perforations 9365' - 9371' W/15000 gallons 20% SLT acid, time 2 hours 20 minutes, injection rate 2.8 BPM, TP-3600#, 4100# and 3200#, swabbed 92 BLO plus 22 BAW first 6 hours, swabbed and flowed 208 BLO (all) plus 110 BAW plus 376 BFO next 24 hours. Swabbed and flowed 163 BFO plus 37 BLO (all) plus 10 BAW next 9 hours, 110 BAW not recovered.(3-4-53).