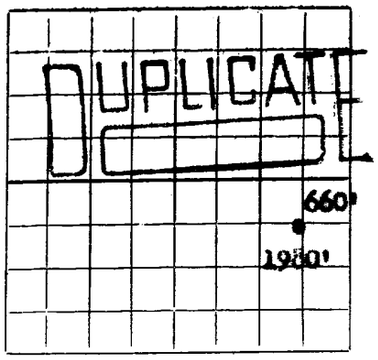
(Revised 7/1/52)
(Form C-105)

N.



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. 3, in NE ¼ of SE ¼, of Sec. 27, T. 14-S, R. 37-E, NMPM.

Denton Pool, Lea County.

Well is 1980 feet from South line and 660 feet from East line of Section 27. If State Land the Oil and Gas Lease No. is Privately Owned

Drilling Commenced Feb. 2, 1953 Drilling was Completed May 23, 1953

Name of Drilling Contractor Magnolia Petroleum Company (Not Contracted)

Address Box 900, Dallas, Texas

Elevation above sea level at Top of Tubing Head 3832 The information given is to be kept confidential until ....., 19.....

OIL SANDS OR ZONES

No. 1, from 12,495 to ~~12,603~~ 12,641 No. 4, from ..... to .....

No. 2, from ..... to ..... 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
13 3/8"	48# 35.62	New	468				Surface String
9 5/8"	36# & 40#	New	4755				Salt String
5 ½"	17# & 20#	New	8117			12,495-12,530	Production String
						12,542-12,589	
						12,603-12,641	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17½"	13 3/8"	468	500	Halliburton		
12¼"	9 5/8"	4755	1800	Halliburton		
8 3/4"	5 ½"	4530-12,647	900	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 .....

ORD OF DRILL-STEM AND SPECIAL TE

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 12,647 feet, and from ..... feet to ..... feet.

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

PRODUCTION

Put to Producing June 2, 1953

OIL WELL: The production during the first 24 hours was 515 barrels of liquid of which 99.8 % was was oil; 0 % was emulsion; 0 % water; and .2 % was sediment. A.P.I. Gravity 45.7

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		Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	2143	T. Devonian	12,478	T. Ojo Alamo	
T. Salt		T. Silurian		T. Kirtland-Fruitland	
B. Salt	2258	T. Montoya		T. Farmington	
T. Yates	3138	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	4643	T. Granite		T. Dakota	
T. Glorieta	6197	T. Woodford	12,365	T. Morrison	
T. Drinkard		T.		T. Penn	
T. Tubbs	7354	T.		T.	
T. Abo	8052	T.		T.	
T. Penn. Penn	9325	T.		T.	
T. Miss	11,655	T.		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	45	45	Caliche & Shells	9912	10020	108	Lime & Shale
45	106	61	Sand & Caliche	10020	10139	119	Lime
106	339	233	Sand & Red Bed	10139	10379	240	Lime & Shale
339	1430	1091	Red Bed & Shells	10379	10529	150	Lime
1430	1580	150	Red bed & Shale	10529	10602	73	Chert
1580	1910	330	Red Bed Shale, & Shells	10602	10740	138	Lime & Shale
1910	2100	90	Red Bed & Shale	10783	10929	206	Lime
2100	2155	55	Sand & Shale	10929	11060	131	Lime & Shale
2155	2220	65	Anhydrite	11060	11310	850	Lime
2220	2320	100	Anhydrite & Shale	11310	11900	590	Lime & Chert
2320	2636	316	Anhydrite & Salt	11900	12402	502	Lime &Shale
2636	3017	281	Anhydrite, Salt & Shale	12402	12505	103	Shale
3017	3282	265	Anhydrite, & Salt	12505	12647	142	Lime
3282	3342	60	Anhydrite, Shale, & Salt				
3342	3485	143	Anhydrite				
3485	3665	180	Anhydrite, Shale, & Salt				
4087	4419	69	Anhydrite, & Shale				
4419	4700	281	Anhydrite, & lime				
4700	5173	473	Lime				
5173	5236	63	Lime & Dolomite				
5236	8011	2775	Lime				
8011	8243	232	Lime & Shale				
8243	8401	658	Lime				
8901	9501	400	Lime & Shale				
9501	9912	411	Lime				

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.

June 1, 1953 (Date)

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

Name E. H. Blackwell Position or Title District Superintendent

DRILL STEM TESTS

#1 DTS (Wolfcamp) 9345-9395, Open Hole, Open 2½ hrs., 5/8" BHC & 1" SC, No Water Cushion, 2 pkrs. Gas to surface 14 min., est. 18.8 MCF/ day. No fluid to surface, Rec. 90' Oil & Gas cut drlg. mud + 3380' free oil, GR 43.7 @ 60, SIP-0-6#, BHFP 100-1160, 15 min. SI 2865, HH 4585 in, 4345 out.

#2 DST Permo Penn.) 9395-9442, Open Hole, Open 1½ hrs., 5/8" BHC & 1" SC, No Water Cushion, 2 pkrs, NTS, Rec. 100' slightly gas cut drlg. mud + 90' oil and gas cut drlg. mud. SIP-0, BHFP-20#, SI 15 min. 45# HH 4535 in 4490 out.

ACIDIZING OPERATIONS

1. Cadinal acidized (Devonian) perfs in 5½" liner @ 12,495-12,530 w/1000 gal mud acid, time 10 min, Inj rate 2.4 BPM TP 6,000-2,800, Flowed 49 BLO (All) 1 hr., 3/4" chole, Flowed 24 BAW + 200 BFO 5 hrs., 24/64" choke 30 bbls last hr, TP 200-700, S/O 1% BS.

2. Cardinal reacidized (Devonian) perfs w/3000 gals 20% LST time 17 min, Inj rate 4.2 BPM, TP 1500-1800, Swabbed 49 BLO (All) 1 hr., Flow 106 BFO + 42 BAW 3 hrs., 24/64" choke 52 bols last hr TP 200-100, S/O .6% BS.

3. Cadinal acidized (Devonian) perfs 12,542-12,589 w/500 gals mud acid, 4500 gals 20% LST, time 23 min. Inj Rate 5.2 BPM TP 2900-2700, Swabbed 49 BLO (All) 1½ hrs flowed AW & Mud to pits 1½ hrs., & died.

4. Cardinal acidized (Devonian) perfs 12,603-12,641 w/500 gals mud acid + 4500 20% LST, time 22 min., Inj. Rate 4½ BPM, TP 4500-300 Swabbed 49 BLO + 120 BAW (All) 3 hrs, Flowed 105 BFO, No water 2 hrs., 3/4" choke, TP 250#, Killed well w/mud.

DEVIATION SURVEY

Depth	Degrees Off Vertical
448	½
2940	3/4
3796	1 ¼
4087	3/4
4296	1
4700	3/4
5000	¼
5420	3/4
5567	1
5955	½
6113	1
7137	1 ½
7351	¼
7626	1
8187	2
8409	1 3/4
8516	1 ¼
9109	2
9170	1 ½
9371	1
9596	3/4
9660	1
9714	3/4
9873	1

Depth	Degrees Off Vertical
10292	2
10432	1
10529	1 ¼
10669	2 ½
10829	3
11118	2½
11162	2 3/4
11193	2 ½
11441	3
11561	4
11628	3 3/4
11678	4
11750	3 3/4
11802	4 ½
11896	5 ½
11981	5 ¼
12,052	5
12088	4 3/4
12168	3 3/4
12206	3 ¼
12295	3 ½
12314	2 ½
12381	3 ¼