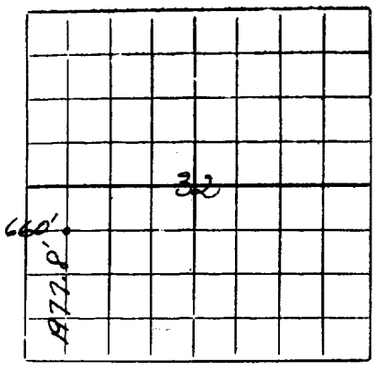
(Revised 7/1/52)
(Form C-105)



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. If State Land submit 6 Copies

Magnolia Petroleum Company (Company or Operator) State-Phillips (Lease)

Well No. 1, in NW ¼ of SW ¼, of Sec. 32, T. 9 S, R. 36 E, NMPM.

Undesignated Pool, Lea County.

Well is 660 feet from West line and 1977.8 feet from South line of Section 32. If State Land the Oil and Gas Lease No. is E-1952

Drilling Commenced January 31, 19 58 Drilling was Completed February 15, 19 58

Name of Drilling Contractor Verna Drilling Company

Address 1216 Mercantile Bldg., Dallas, Texas

Elevation above sea level at Top of Tubing Head 4051' The information given is to be kept confidential until ....., 19.....

OIL SANDS OR ZONES

No. 1, from 4800 to 4837 No. 4, from ..... to .....

No. 2, from 4820 to 4840 No. 5, from ..... to .....

No. 3, from 4837 to 4869 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
8-5/8	29#	2nd Hand	450'				Surface String
5-1/2	14#	New	4955'			4820-40	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4	8-5/8	450'	325	Pump & Plug		
7-7/8	5-1/2	4955'	1950	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

(See Attachment)

Result of Production Stimulation .....

Depth Cleaned Out .....

CORD OF DRILL-STEM AND SPECIAL TI 3

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 4955 feet, and from — feet to — feet.

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

PRODUCTION

Put to Producing 100% Salt Water - Prepare to P & A 3-7-58, 19

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

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	2157	T. Devonian		T. Ojo Alamo
T. Salt	2273	T. Silurian		T. Kirtland-Fruitland
B. Salt	2701	T. Montoya		T. Farmington
T. Yates	2808	T. Simpson		T. Pictured Cliffs
T. 7 Rivers		T. McKee		T. Menefee
T. Queen	3539	T. Ellenburger		T. Point Lookout
T. Grayburg		T. Gr. Wash		T. Mancos
T. San Andres	4064	T. Granite		T. Dakota
T. Glorieta		T.		T. Morrison
T. Drinkard		T.		T. Penn
T. Tubbs		T.		T.
T. Abo		T.		T.
T. Penn		T.		T.
T. Miss		T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	180	180	Surface sand & shells				
180	286	106	Red bed				
286	1582	1296	Red bed & shells				
1582	2170	588	Red bed & shale				
2170	2270	100	Anhydrite				
2270	2360	90	Anhydrite & salt				
2360	3040	680	Anhydrite, shale & salt				
3040	4080	1040	Anhydrite & shale				
4080	4252	172	Anhydrite & lime				
4252	4800	548	Lime				
4800	4902	102	Coring dolomite & lime				
4902	4955	53	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.

March 11, 1958
(Date)

Company or Operator Magnolia Petroleum Company

Address P. O. Box 2406, Hobbs, New Mexico

Name G. Young Jr

Position or Title District Superintendent

ATTACHMENT: State Phillips #1

TOTCO DEVIATION SURVEY

Depth	Degrees off Vertical
416	3/4
2070	1/2
2810	1
3729	1-1/4
4067	3/4
4410	3/4

DRILL STEM TESTS

No.	Date	From	To	No., Kind or Size of Perforation or Open Hole	Tool Set @	Chokes Top	Chokes Bottom	Water Cushion	Time Tested
1	2-12-58	4800	4837	Open Hole	4800'	5/8" x	1"	None	2 hrs.

(San Andres) Used 2 packers. Nothing to surface. Rec. 90' slightly oil & gas cut drilling mud. SFP: 0#, BHFP: 70-70#, 30 minute SIP: 98#, HH: 2738-2725#.

2	2-14-58	4837	4869	Open Hole	4837'	5/8" x	1"	None	1 hr.

(San Andres) Used 2 packers. Nothing to surface. Weak blow of air for 45 minutes. Rec. 190' slightly oil & gas cut drilling mud. SFP: 0#, BHFP: 115-145#, 30 minute SIP: 320#, HH: 3725-2725#.

CORE RECORD

No.	From	To	Rec.	Description
1	4800	4821	18½'	4800-4812 - 12' dolo. & anhy., no shows. 4812-4818½ - 6½' dolo., good stain, good show.
2	4821	4837	16½'	4820½-4821 - 1/2' from previous core. Dolo. w/stain fluor. & cut, no poro., poor show. 4821-4833 - 12' dolo. w/trace p.p. poro. w/shale partings & anhy. inclosures, good stain, fluor. & cut, good show. 4833-4837 - 4' dolo., 10% p.p. & p.h. poro. w/vertical fractures, good stain, fluor. & cut, good show.
3	4837	4849	12'	4837-4840 - 3' dolo., trace p.p. poro., good stain, fluor. & cut, fair show. 4840-4842 - 2' dolo., 10% p.h. poro., good stain, fluor. & cut, good show. 4842-4843 - 1' dolo., shaley - no show. 4843-4849 - 6' dolo. w/trace p.p. & p.h. & small vuggy poro., good stain, fluor. & cut, fair show.
4	4849	4869	20'	4849-4855 - 6' dolo., trace p.p. & p.h. poro, poor fluor., good stain, cut & fair show. 4855-4869 - 14' dolo. & anhy. inclosures, no poro., poor fluor., stain & cut, poor show.
5	4869	4885	15'	4869-4872 - 3' dolo. w/trace p.p. poro., poor fluor., good stain & cut, fair show. 4872-4881 - 9' dolo. w/trace p.p. & p.h. & vuggy poro., fair to good fluor., good stain & cut, fair show. 4881-4883 - 2' dolo & shale partings w/trace p.p. & p.h. poro., poor to faint fluor., good stain & cut, poor show. 4883-4884 - 1' dolo. w/trace p.p. poro., good fluor. & cut, fair show.

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ATTACHMENT: State Phillips #1 (Cont'd)

CORE RECORD (Continued)

No.	From	To	Rec.	Description
6	4885	4902	16'	4885-4888 - 3' dolo., 10% p.p. & p.h. & small vuggy poro., fair fluor., good stain & cut, good show. 4888-4892 - 4' dolo. w/trace p.p. poro., full fluor, good stain & cut, fair show. 4892-4897 - 5' dolo., w/trace p.p. poro., faint trace fluor., poor cut, good stain, poor show. 4897-4901 - 4' dolo., 10% p.p. & inner crystaline poro., poor fluor., good stain & cut, good show.

ACIDIZING OR OTHER COMPLETION OPERATIONS

2-18-58 The Chemical Process Company acidized perforations 4820-4840 w/500 gals. 15% regular acid. TP: 2700-2800#. Injection rate 2 BPM. 5 Minute S/D pressure 1900#. Swab 19 BLO (all) 2 hrs. + 10 BAW + 3 BNO 2 hrs. - 250' FIH. Good show gas.

2-19-58 The Chemical Process Company re-acidized perforations w/2000 gals. 15% regular acid. TP: 3500-3600#. Injection rate 5 BPM. S/D Pressure 2000# - 5 minute S/D pressure 1400# - 3 bbls. over spot. Swab 19 BLO in 1 hr. + 11 BNO + 48 BAW + 63 BSW in 14 hrs. 450' FIH. Fair show of gas.

2-25-58 Install pumping unit - pump 75 BLO + 749 BSW in 148 hours.

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