



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

Magnolia Petroleum Company
(Company or Operator)

State "X"
(Lease)

Well No. 3, in SW 1/4 of NE 1/4, of Sec. 7, T. 17-S, R. 34-E, NMPM.

Vacuum

Pool,

Lea

County.

Well is 1980 feet from East line and 1980 feet from North line

of Section 7. If State Land the Oil and Gas Lease No. is K1291

Drilling Commenced April 6, 1957 Drilling was Completed April 24, 1957

Name of Drilling Contractor Denver Drilling Corporation

Oleosa, Texas

Address

Elevation above sea level at Top of Tubing Head 4132' The information given is to be kept confidential until , 19

OIL SANDS OR ZONES

No. 1, from 4640 to 4730 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 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"	24.8	New	1567'			Open hole	Surface String
5 1/2"	14.8	New	1640'			(1640-1730)	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"	1567'	800	Pump & Plug		
7 7/8"	5 1/2"	1640'	1375	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

1 ORD 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 4730 feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing April 30, 1957

OIL WELL: The production during the first 24 hours was 17 barrels of liquid of which 100% was oil; 0% was emulsion; 0% water; and 0% was sediment. A.P.I. Gravity 34.9 @ 60° F.

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.	1552'	T. Devonian	T. Ojo Alamo
T. Salt	1664'	T. Silurian	T. Kirtland-Fruitland
B. Salt	2745'	T. Montoya	T. Farmington
T. Yates	2802'	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	3060'	T. McKee	T. Menefec
T. Queen	3800'	T. Ellenburger	T. Point Lookout
T. Grayburg	4310'	T. Gr. Wash	T. Mancos
T. San Andres	4617'	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	316	316	Caliche & Red bed				
316	1240	924	Red bed				
1240	1967	327	Red bed & Anhydrite				
1967	1609	42	Anhydrite				
1609	3260	1651	Anhydrite & Salt				
3260	3850	590	Anhydrite				
3850	3888	38	Anhydrite & Gypsum				
3888	3970	82	Anhydrite				
3970	4177	207	Anhydrite & Gypsum				
4177	4210	33	Anhydrite & Lime				
4210	4640	430	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.

Company or Operator Magnolia Petroleum Company
Name J. M. Dougherty
Address Box 2406, Hobbs, New Mexico
Position or Title District Superintendent
Date May 8, 1957

ATTACHMENT: State "I" #3

TOTCO DEVIATION SURVEY

<u>Depth</u>	<u>Degrees off Vertical</u>
2029	1/4
3160	3/4
3475	1/4
3940	1/4
4120	1/4
4200	1/4

CORE RECORD

- 1 3800-3815 Recovered 1' sand, no shows. Core barrel jammed.
- 2 4641-4651 Recovered 9' dolomite w/slight trace of anhydrite, no shows. Core barrel jammed.
- 3 4651-4690 Recovered 39'. 4651-4660, 9' dolomite & anhydrite, no shows. 4660-4665, 5' dolomite, 10% porosity, good stain and odor. 4665-4670, 5' dolomite, dense, no show. 4670-4671, 1' dolomite w/trace of porosity, poor show. 4671-4690, 19' dense dolomite, no show.
- 4 4690-4730 Recovered 40' dolomite, shale and anhydrite, no show.

DRILL STEM TESTS

None

ACIDIZING RECORD

- 4/28/57 Cardinal Chemical acidized op hole perforations 4640-4730 w/3000 gals. 15% regular acid. TP 3500-3700#, 2.6 BPM - 5 minutes SIP 3000#. Swabbed 19 BLO in 2 hours. Swabbed 40 BAW in 6 hours.
- 4/28/57 Cardinal Chemical reacidized open hole perforations 4640-4730 w/6000 gals. 15% regular acid. TP 3600-3700#, 4.8 BPM. Swabbed 19 BLO (all) in 2 hours. Swabbed 18 BNO / 112 BNO / 112 BAW in 33 hours.
- 4/30/57 Cardinal Chemical reacidized open hole perforations 4640-4730 w/12,000 gals. 15% regular acid. TP 3900-4100#. 6 BPM 5 minutes SIP 3500#. Swabbed 19 BLO (all) in 2 hrs. Swabbed 20 BNO / 115 BAW in 10 hours.

~~CONFIDENTIAL~~

Identify the subject

dtgdc

9009

0355

2748

0405

0511

0054

CONFIDENTIAL

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SECRET

etohi

THOMAS CHRISTIAN

72/35A

158121

7/10/61