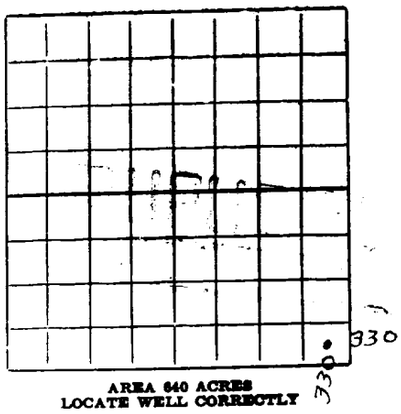
(Revised 7/1/52)
(Form C-105)



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 Bridges (Lease)

Well No. 86, in SE ¼ of SE ¼, of Sec. 3, T. 17S, R. 34E, NMPM.

Vacuum Pool, Lea County.

Well is 330 feet from South line and 330 feet from East line of Section 3. If State Land the Oil and Gas Lease No. is B - 1520

Drilling Commenced 4 - 15, 19 56 Drilling was Completed 4 - 27, 19 56

Name of Drilling Contractor Denver Drilling Corporation

Address 2212 Adolphus Tower, Dallas, Texas

Elevation above sea level at Top of Tubing Head 4056 The information given is to be kept confidential until ....., 19.....

OIL SANDS OR ZONES

No. 1, from ..... to ..... 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#	New	1658				Surface String
5 1/2	14#	New	4691				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	1658	1000sks.	Pump & Plug		
7 7/8	5 1/2	4691	1185 sks.	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 .....

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 4753 feet, and from ..... feet to ..... feet.

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

PRODUCTION

Put to Producing 5 - 1, 19 56

OIL WELL: The production during the first 24 hours was 80 barrels of liquid of which 100 % was was oil; - % was emulsion; ..... % water; and - % was sediment. A.P.I. Gravity 35.6

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 1643	T. Devonian	T. Ojo Alamo
T. Salt 1753	T. Silurian	T. Kirtland-Fruitland
B. Salt 2730	T. Montoya	T. Farmington
T. Yates 2920	T. Simpson	T. Pictured Cliffs
Brown Lime ~~Rock River~~ 3135	T. McKee	T. Menefee
T. Queen 3884	T. Ellenburger	T. Point Lookout
Solid Dolomite ~~Rock Springs~~ 4365	T. Gr. Wash	T. Mancos
T. San Andres 4660	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	410	410	Anhydrite & Red Bed				
410	1625	1215	Red Bed				
1625	1658	33	Red Bed & Anhydrite				
1658	2910	1252	Anhydrite & salt				
2910	3345	435	Anhydrite & Dolomite				
3345	3523	178	Anhydrite, Lime & Dolomite				
3523	4195	672	Anhydrite				
4195	4510	315	Anhydrite, gyp & lime				
4510	4691	181	Lime				
4691	4693	2	Dolomite				
4693	4723	30	Core # 1				
4723	4753	30	Core # 2				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED See attachment

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.

May 8, 1956 (Date)

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

Name E. G. Blundell Position or Title District Superintendent

Attachment - State Bridges #86

TOTCO DEVIATION SURVEYS

Depth	Degree off Vertical
750	1/2
870	1/4

CORE RECORD

No.	From	To	Rec.	Description
1	4693	4723	30'	Dolomite. 4693 - 4695 Dolomite finely crystalline white, N. S. 4695-4711 Dolomite, finely crystalline white, fair to 15% oolitic porosity. 4711-4723 Dolomite, finely crystalline white to light tan w/scattered trace of oolitic porosity.
2	4723	4753	30'	Dolomite. 4723-4737 dolomite, finely crystalline green w/5% gyp inclusions, trace of gray shale partings, N. S. 4737-4738½ dolomite, finely crystalline light tan, slight trace of pin point porosity, bleeding oil & gas, tight. 4738½-4739½ dolomite, finely crystalline light tan 20% pin head porosity, bleeding oil & gas. 4739½-4745½ dolomite, finely crystalline gray to tan, trace of gray shale partings, occasional spot of bleeding oil & gas. 4745½-4753 dolomite, finely crystalline gray to tan, trace of gray shale partings, N. S.

DRILL STEM TESTS

None

ACIDIZING OR OTHER COMPLETION OPERATION

4-28-56 Chemical Process, Inc. Acidized open hole 4691-4753 w/3000 gals. 15% NonEmulsion Tr 2600-3500#, 1 BPM, 71 mins., 5 min SIP 3000#. Swabbed 28 BLO (ALL) in 3 hrs. Swabbed 68 BWO + 52 BAW in 30 hrs. LH swabbed 2 1/2 BLO, SO 3% AW. 300' FIH. Fair show of gas.

4-30-56 Chemical Process, Inc. Treated formation w/30 bbls lease crude w/25 gals. F 46 Treatolite 2%, followed w/30 bbls lease crude w/TR277 - 2% At pet. 25 bbls into formation, pressure 0-2700#. .7 BPM. WAited 6 1/2 hrs. 3200 FIH. Swabbed 62 BLO in 5 hrs., slight show of gas. Swabbed 17 BLO (ALL) in 4 hrs., swabbed 24 BWO in 6 hrs., slight show of gas.