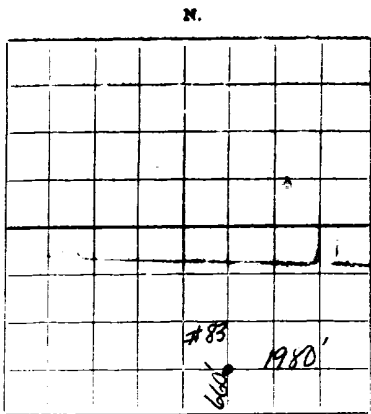




NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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.

AREA 840 ACRES
LOCATE WELL CORRECTLY

Magnolia Petroleum Company
(Company or Operator)

State Bridges
(Lease)

Well No. 83, in SW 1/4 of SE 1/4, of Sec. 12, T. 17S, R. 34E, NMPM.

Vacuum Pool, Lea County.

Well is 660 feet from South line and 1980 feet from East line of Section 12. If State Land the Oil and Gas Lease No. is B-1520

Drilling Commenced November 27, 1955. Drilling was Completed December 28, 1955.

Name of Drilling Contractor Donnelly Drilling Company

Address Box 433, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 4024. The information given is to be kept confidential until , 19.

OIL SANDS OR ZONES

No. 1, from 4662 to 4720 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	1720				Surface
5 1/2"	14#	New	4662				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"	1720	900	Pump & Plug		
7 7/8"	5 1/2"	4662	1900	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

ORD OF DRILL-STEM AND SPECIAL TEST

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 4720 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 1, 1956

OIL WELL: The production during the first 24 hours was 43 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 36.8 @ 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.	1693	T. Devonian	T. Ojo Alamo		
T. Salt	1803	T. Silurian	T. Kirtland-Fruitland		
B. Salt	2720	T. Montoya	T. Farmington		
T. Yates	2956	T. Simpson	T. Pictured Cliffs		
T. Yellow Brown Line	3170	T. McKee	T. Menefee		
T. Queen	3896	T. Ellenburger	T. Point Lookout		
T. Yellow Solid Dolo	4344	T. Gr. Wash	T. Mancos		
T. San Andres	4637	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	50	50	Caliche & Red Bed	4527	4637	110	Anhydrite & Lime
50	460	410	Sand & Red Bed	4637	4662	25	Lime
460	638	178	Red Bed & Gyp	4662	4667	5	Dolomite
638	810	172	Red Bed	4667	4688	21	Core #1
810	1224	414	Red Bed & Red Rock	4688	4702	14	Core #2
1224	1382	158	Red Rock & Gyp	4702	4720	18	Core #3
1382	1414	32	Red Rock				
1414	1448	34	Red Bed & Red Rock				
1448	1644	196	Red Rock				
1644	1705	61	Red Bed & Anhydrite				
1705	1815	110	Anhydrite				
1815	1830	15	Anhydrite & Salt				
1830	2560	730	Salt & Red Rock				
2560	2880	320	Salt & Anhydrite				
2880	3105	225	Anhydrite & Red Rock				
3105	3724	619	Anhydrite				
3724	3804	80	Anhydrite & Gyp				
3804	3906	102	Anhydrite				
3906	3920	14	Sand				
3920	3934	14	Anhydrite				
3934	3975	41	Anhydrite & Gyp				
3975	4309	334	Anhydrite				
4309	4491	182	Anhydrite & Lime				
4491	4527	36	Anhydrite, Lime & Sand				

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.

January 9, 1956 (Date)
Company or Operator Magnolia Petroleum Company Address Box 727, Kermit, Texas
Name E. H. Blumelf Position or Title District Superintendent

STATE BRIDGES NO. 83

Drill Stem Tests

DST #1, 12-13-55, Queens 3906-3920, open hole, tool set at 3906, 5/3" x 1" choke, no water cushion, time tested 2 hrs. Gas to surface in 6 mins, 266 MCF/day est. rec 420' of heavy gas cut mud, no oil or water, SFP 20#, BHFP 150-185#, 15 min SIP 1360#, PH 2050 in & out.

Deviation Survey

<u>Depth</u>	<u>Degrees Off Vertical</u>	<u>Depth</u>	<u>Degrees Off Vertical</u>
280	1	2178	1/4
534	1 1/4	2559	3/4
1110	2 3/4	2850	1
1200	3	3040	1 1/4
1514	2 1/2	3358	1 1/2
1613	1 3/4	3575	1
1713	3/4	4076	3/4
1903	1	4180	1/4
2064	1 1/2	4313	1/2

Core Record

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Rec.</u>	<u>Description</u>
1	4667	4688	15	4667-4669, 2' gray dolo w/fair vuggy porosity, bleeding oil, fair show, 4669-4675, 6' gray to tan dolo, 10% dolo inclusions & porosity, 4675-4678, 3' gray anhy w/dolo inclusions, NS, 4678-4682, 4' tan dolo w/10% porosity, few small vuggs, bleeding oil, fair show, 4682-4688, 6' lost.
2	4688	4702	14	Dolo. 4688-4698, 10' gray dolo w/10% porosity & fair show oil, 4698-4702, 4' dense dolo, NS.
3	4702	4720	18	Dolo. 4702-4710, 8' light gray dense dolo, NS, 4710-4713 3' finely crystalline gray dense dolo w/trace of small vuggs, 4713-4714, 1' gray dense dolo w/shale partings, NS, 4714-4717, 3' light gray dolo w/trace of inclusions & pin point porosity, 4717-4720, 3' gray dense dolo, NS.

Acidizing or Other Completion Operation

12-30-55 Halliburton sand oil frac open hole 4662-4720 w/5000 gals w/1/2# sand 1st 1000 gals, to 1# sand per gal last 4000 gals, down 5-1/2" csg, 20 mins, 16 1/2 BPM, CP 3000-900#, SI 30 mins, CP 500#, SI for 6 hrs, opened up, CP 25#, Flowed 100 BLO in 4 hrs, swabbed 80 BLO in 38 hrs, pumped 141 BLO (all) in 21 hrs.

1941-1942

1. The first part of the report deals with the general situation in the country. It is a very interesting and informative study of the economic and social conditions of the country at that time. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's history.

1943-1944

2. The second part of the report deals with the economic and social conditions of the country in 1943-1944. It is a very interesting and informative study of the economic and social conditions of the country at that time. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's history.

1945-1946

3. The third part of the report deals with the economic and social conditions of the country in 1945-1946. It is a very interesting and informative study of the economic and social conditions of the country at that time. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's history.

1947-1948

4. The fourth part of the report deals with the economic and social conditions of the country in 1947-1948. It is a very interesting and informative study of the economic and social conditions of the country at that time. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's history.