

N.


AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company Magnolia Petroleum Company Address Dallas, Texas  
Send correspondence to K. Bullock Address Box 900, Dallas, Texas  
N. Berry Well No. 1 in \_\_\_\_\_ of Sec. 31, T. 18S  
R. 32E, N. M. P. M., \_\_\_\_\_ Oil Field Lea County.  
If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
The lessee is \_\_\_\_\_, Address \_\_\_\_\_  
If not state or patented land, give status \_\_\_\_\_  
Drilling commenced October 2nd 1930 Drilling was completed November 18th 1930  
Name of drilling contractor \_\_\_\_\_, Address \_\_\_\_\_  
Elevation above sea level at top of casing \_\_\_\_\_ feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_\_  
Drilled by Vacuum Oil Company under contract with Eastland Oil Company.

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

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8"				245'					
9-5/8"				2800'					
7"				3955'					
Temporarily swung 4184' of 3 1/2" OD tubing in hole 11-17-30. The following day swabbed well in in 3 1/2 hrs. and permitted to flow 6 hrs. thru tubing into reserve pit, then shut in. Following morning opened up around tubing and let flow for 2 hrs. Shake out of oil showed 1 1/2 BSW Empire potential test 11-29-30, 1hr. thru tubing, potential 1947 bbls. 1 hr. thru and around tubing - potential 2138 bbls. First 16 days daily allowable production 111 bbls. to Shell Pipe Line Co.									

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing \_\_\_\_\_, 19\_\_\_\_\_  
The production of the first 24 hours was 2138 barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, Be \_\_\_\_\_  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this 10th Name Jeri Putnam  
day of May, 1933 Position \_\_\_\_\_  
Pauline Dasch Representing Magnolia Petroleum Company  
Notary Public. Company or Operator.  
My commission expires June 1, 1933

*[Signature]*

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	15	15	Surf rock
15	41	26	Surf sand
41	45	4	Hard shell
45	50	5	Flint rock
50	78	28	Sand and gravel
78	83	5	Flint rock
83	101	18	Hard sand
101	110	9	Sand and gravel
110	113	3	Flint rock
113	150	37	Sand
150	208	58	Sand and gravel
208	225	17	Sand and gravel
225	245	20	Red bed
245	700	455	Red bed
700	757	57	Red bed and streaks sand
757	827	70	Red bed
827	850	23	Hard sand
850	1250	400	Red bed and gravel
1250	1273	23	Hard sand
1273	1361	88	Hard sand and lime
1361	1409	48	Hard sand
1409	1446	37	Hard sand shells
1446	1450	4	Anhydrite shell
1450	1478	28	Hard sand and shells
1478	1629	151	Anhydrite
1629	1789	160	Broken anhydrite potash and salt
1789	1817	28	Salt
1817	2560	743	Salt anhydrite and red bed
2560	2800	240	Anhydrite and red bed
2800	2847	47	Anhydrite top brn. lime
2847	2849	2	Brn. lime, gas 2847-49
2849	2852	3	Anhydrite
2852	2854	2	Anhydrite and broken lime
2854	2855	1	Anhydrite and shale
2855	2871	16	" and broken lime, gas 2857-59
2871	2966	95	" " " " 2883-87
2966	3225	259	" " " " blue and red shale
3225	3249	24	Broken anhydrite, shale and brown lime
3249	3259	10	Sandy broken lime, oil 3249-59
3259	3320	61	Broken anhydrite, shale and brown lime
3320	3378	58	Anhydrite and brown lime
3378	3441	63	Anhydrite
3441	3555	14	" , broken lime and shale
3555	3673	118	Hard Anhydrite
3673	3963	290	Anhydrite
3963	3970	7	" and white lime
3970	4005	35	"
4005	4060	55	Broken sandy lime and streaks ady shale, oil 4050-55
4060	4078	18	Broken sandy lime
4078	4089	11	White lime
4089	4141	52	White lime and shale
4141	4159	8	White lime showing oil and gas, core showed gd. porosity and saturation but little gas
4159	4170	21	White lime, core showed same porosity & saturation
4170	4190	20	White, lime, porosity & saturation still gd. but not much gas Last 20' showed hd. strks. T. D.

8/21/83  
by mag + mnt