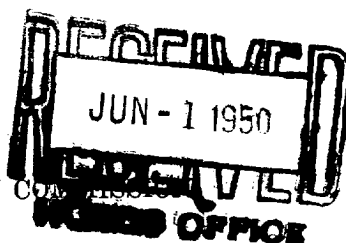
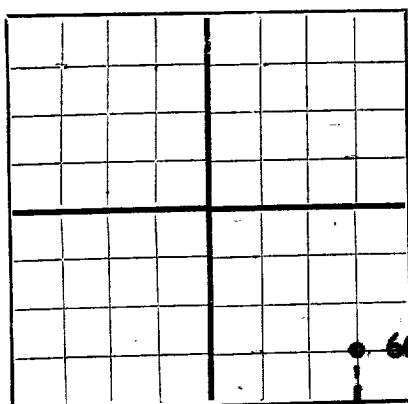


DUPLICATE

FORM C-105



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Magnolia Petroleum Company
Company or Operator
Lightcap Land Co.
Lease
Well No. 1 in SE/4 of Sec. 6, T. 8 S.
R. 30 E. N. M. P. M. Wildcat Field, Chaves County.
Well is 660 feet North of the base line and 660 feet west of the East line of Sec. 6.
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Lightcap Land Company Address Dubuque, Iowa
If Government land the permittee is Address
The Lessee is Magnolia Petroleum Company Address Box 727, Kermit, Texas.
Drilling commenced January 1 19 50 Drilling was completed May 10 19 50
Name of drilling contractor Makin Drilling Company Address Box 131, Hobbs, New Mexico
Elevation above sea level at top of casing 4078 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 7955 to 7978 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 See Reverse Side feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	TO	PURPOSE
11-3/4	45#	8 RT	Pitts-	739					Surface
8-5/8	32#	8 RT	Yonkers	4792					Intermediate
5-1/2	17#	8 RT	5-80, LT & C	7978			7960	7976	Oil String
2	4.7#	8 RT	Nat'l.	7975					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
15	11-3/4	739	450	Pump & plug		
10-5/8	8-5/8	4792	1900/665/280	Pump & Plug		
7-3/4	5-1/2	7978	250/600/150/100	Pump & plug.		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters — Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		N O				
		N E				

Results of shooting or chemical treatment See Reverse Side

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 Top (0) feet to ID (7978) feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing May 18 19 50
The production of the first 24 hours was 491.82 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be. 52.4 @ 60°
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

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 29th day of May 19 50
Notary Public
My Commission expires
Kermit, Texas
Name Melvin Kiehl
Position District Superintendent E S B
Representing Magnolia Petroleum Company
Company or Operator
Address Box 727, Kermit, Texas.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
			line, 7290½ to 93 line. 7293-96 crystalline gray line, 30% gray shale. 7296-99 gray shale and line, 7299-7305 finely crystalline gray line 30% shale, 7305-7308 black shale, 7308-7309 crystalline gray shaley line.
7310	7318	8	Cored Rec. 6', 7310-12½ crystalline gray line, 7312½-15 gray shale, 7315-16 red shale.
7318	7320	2	Shale
7320	7351	31	Cored Rec. 31' broken line and shale no show oil, gas or water. Porous in line.
7351	7387	36	Line and shale
7347	7387	40	Drill Stem Test:- (Penn) 2 Pkrs. no WC, 1 hr. 5/8" BHC & 1" SC, no fluid or gas to surface. Rec. 60' drlg. mud, no show oil, gas or water, BHFP 0-0, no build up. H.H. 3700-3650#, weak blow of air 5 min., Reopened w/ slight blow air 5 min.
7387	7393	6	Line and shale
7393	7413	20	Cored Rec. 19' broken line and shale, no shows.
7413	7472	59	Line and shale 7452-7472 15-20% fluorescence, slight stain in line.
7440	7472	32	Drill Stem Test:- 2 packers, no WC, 1 hrs. (Twice 30 min. each time) blow air 4 min. each time, 5/8" BHC & 1" SC, Rec. 30' drlg. mud, no shows, All pressures zero, H.H. 3800#.
7472	7554	82	Line and shale Fluorescence, stain @ 7487, slight show porosity and stain @ 7487 (Penn) little show porosity and fluorescence @ 7500.
7554	7582	28	Line, shale & chert stringers, 1-1/2" @ 7540.
7582	7601	19	Line and chert streaks
7601	7616	15	Line, shale, and chert
7616	7641	25	Line and chert streaks.
7641	7658	17	Line, sand & chert streaks
7658	7677	19	Line and chert 1-1/4" @ 7660
7677	7685	8	Line Drlg. good 7677-7685, trace porosity in Penn.
7685	7697	12	Cored Rec. 11' finely crystalline gray line, trace chert, no shows.
7697	7699	2	Line
7699	7910	211	Line and chert 1-1/2" @ 7800, 1-1/2" @ 7870
7910	7939	29	Line, shale and chert
7939	7954	15	Line and chert
7954	7958	4	Line Trace fluorescence @ 7958
7958	7978	20	Cored Rec. 20' finely crystalline gray and tan dolomite w/stringers of chert. Fractured. Devonian trace 10% porosity, trace fluorescence.
7940	7978	38	Drill Stem Test:- 2 packers no WC 2 hrs. 35 min. 5/8" BHC & 1" SC, gas 3 min. (2293 MCF/24 hrs.) Mud 9 min. oil 10 min. Cleaned 10 min. Flow 145.67 BO 2-1/4 hrs. GOR 1527/1, Grav. 52 @ 60°, S/O 2/10 of 1% BS no water, SFP 340-310#, BHFP 2300-2650#, 15 min. S-I BHP 2925#, H.H. 4100-4100#.
801	7972	7171	Ran Schlumberger Electric and Micro Log. Ran Halliburton Calipers. Set 5-1/2" OD @ 7978 w/WD @ 7220.47 w/250 sax neat below collar. Circ out 40 sax. WOC 4 hrs. 4 600 (6%) and 150 Wellite 100 neat thru collar. Plug to cementing collar. Centralizers @ 7966.8, 7911.83, 7872.86, 7230.77, 7215.77, 7129.28, 4801.56 and 4738.20, 7051.86
	5600		Halliburton Ran Temperature Survey to Top cement @ 3650'.
7218	7227	9	Drill out Tested w/1500# 30 min. no break
7227	7306	79	Drill out
7306	7318	12	No cement
7318	7976	658	Drill out cement Tested w/1500# 30 min. no break.
	7950		MPCo Seismograph crew ran Velocity survey on Schlumberger line to
	7982		Lane Wells ran Gamma Ray and Neutron Log to
7960	7976	16	Lane Wells Perf. 5-1/2" OD Casg. w/4 SFP (Jet.) 2" @ 7975 Start flowing without swabbing.
POTENTIAL TEST: Flowed 491.82 bbls. oil 24 hrs. 1/4" choke, GOR 1472/1, Grav. 52.4 @ 60°, S/O 1/10 of 1% BS, no water, TP 830-845#, CP 850-1000#.			