DUPLICATE

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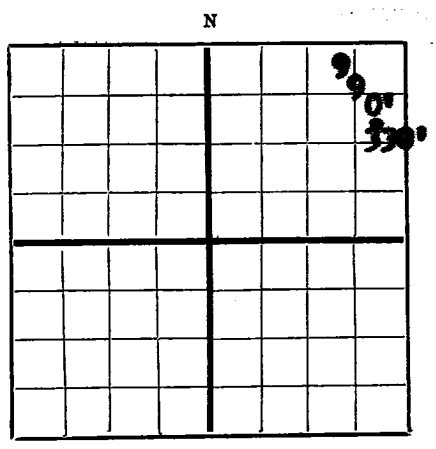
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New ILLEGIBLE

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) Box 727, Kermit, Texas (Address)

State "X" (Lease) Well No. 1 in NE/4 of Sec. 7, T. 17-S

R. 34-E, N. M. P. M., Vacuum Field, Lea County.

Well is 990 feet south of the North line and 330 feet west of the East line of 7 (Section)

If State land the oil and gas lease is No. E-1251 Assignment No. —

If patented land the owner is —, Address —

If Government land the permittee is —, Address —

The Lessee is Magnolia Petroleum Company, Address Box 727, Kermit, Texas

Drilling commenced March 11 19 48 Drilling was completed April 26 19 48

Name of drilling contractor Mobile Drilling Co. & Makin Drilling Co. Address Hobbs, New Mexico Box 1052, Midland, Texas

Elevation above sea level at top of casing 4120 feet.

The information given is to be kept confidential until ——— 19.....

OIL SANDS OR ZONES

No. 1, from 4654 to 4674 No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, from ..... to .....

IMPORTANT WATER SANDS None logged.

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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
9-5/8"	36#	8 RT	H-40	1560	Halliburton				
7" OD	23#	8 RT	J-55	4660	Halliburton				
2"	4.7#	8 RT	H-40	4674					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	9-5/8"	1560	750	Pump & Plug		Surface
8-3/4"	7" OD	4660	600	Pump & Plug		Oil String

PLUGS AND ADAPTERS None used.

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
		3000 gals. 20% low tension acid	3000 gals.	4-29-48		

Results of shooting or chemical treatment Completing well.

RECORD OF DRILL-STEM AND SPECIAL TESTS See reverse side.

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 4670 feet, and from ..... feet to ..... feet

Cable tools were used from 4670 feet to 4679 feet, and from ..... feet to ..... feet

PRODUCTION

Put to producing May 1, 19 48.

The production of the first 24 hours was 111 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be. 36.8 @ 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 14th day of May, 19 48

Dan B. Comfort

DAN B. COMFORT, Notary Public in and for Winkler County, Texas

My Commission expires June 1, 1949

Kermit, Texas, May 13, 1948
Place Date

Name G. F. Sumner

Position District Superintendent

Representing Magnolia Petroleum Company
Company or Operator

Address Box 727, Kermit, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	
0	0'3"	0'3"	From top of rotary drive bushing to derrick floor.	
0'3"	13'9"	13'6"	From derrick floor to top of 7" OD casing.	
13'9"	217'	214'9"	Caliche & surface rock	
217	637	420	Caliche & red bed	3/4° @ 300, 600.
637	875	238	Red bed and sand	
875	1065	190	Red bed, rocks & shells	3/4° @ 975.
1065	1175	110	Red bed and rocks	
1175	1489	314	Red bed and shells	1/4° @ 1475.
1489	1559	70	Red bed & anhydrite	
1559	1573	14	Anhydrite	
			Set 9-5/8" OD casg. @ 1560' w/750 sks.	
1573	1634	61	Anhydrite	
1634	2648	1034	Anhydrite & salt	1/4° @ 1800; 1° @ 2200, 1 1/4° @ 2550.
2648	2800	152	Anhydrite	
2800	2937	137	Anhydrite & gyp	1-3/4° @ 2925.
2937	3082	145	Anhydrite	
3082	3155	73	Anhydrite & gyp	2° @ 3125.
3155	3262	107	Anhydrite	
3262	3316	54	Anhydrite & gyp	2° @ 3316.
3316	3682	366	Anhydrite	1-3/4° @ 3400; 1° @ 3580.
3682	3910	228	Lime	1-1/4° @ 3740.
3910	4005	95	Lime & gyp	7/8° @ 3975.
4005	4566	561	Lime	1° @ 4250, 4590.
4566	4593	27	Lime & sand	
4593	4635	42	Lime	
4635	4642	& 7	Cored	Rec. 6', 3 hrs. to cut core, hard dense white lime.
4642	4648	6	Cored	Rec. 6', hard dense white lime, 30 MPF.
4648	4663	15	Lime	Drilled
			Cored	Rec. 7', top 4' soft porous lime carrying oil, bottom 3' hard dense white lime w/oil in fractures.
			Set 7" OD csgg. @ 4660' w/600 sks.	
			Plugged to 4636'.	
			Centralizers set at 4635.45, 4415, 4190, 3969.	
			CABLE TOOL REC'D:	
	4626		Top of cement plug	
4626	4670	44	Drilled out to	Pockets of gas. Bailed hole dry.
4670	4672	2	No formation logged	Very little gas, rainbow of oil.
			Set Baker Hook Wall Packer @	
	4607		Western Co. Acidized	w/1000 gals. 20% low tension, 3000#-1300#, 15 min. 1.9 BPM. Flowed 150 bbls. oil 24 hrs. 1/4" choke, TP 0#-75#, CP (Packer in wall) Pulled packer to drill deeper.
4672	4676	4	No formation logged.	
4676	4680	4	Lime	
4680	4683	3	Lime, hard	
4683	4691	8	Sandy lime	Good stain in lime.
4691	4679	12	Steel line correction	
0	4'6"	4'6"	Top of Control head to 7" OD	
4679	4674	5	1 sax salseal filled hole - Plug back total depth.	
4660	4674	14	Western Co. Acidized	w/3000 gals, 20% low tension (Packer @ 4636) TP 1950#-1750#; CP 1900#-1750#; 40 min., 1.5 B.P.M.

RRC POTENTIAL TEST: Flowed 111 bbls. oil 24 hrs. 20/64"choke. TP 125#-120#. CP (Packer in wall) GOR 1164/1. Corr. Grav. 36.8 @ 60°. Cut 1.2% salid water.