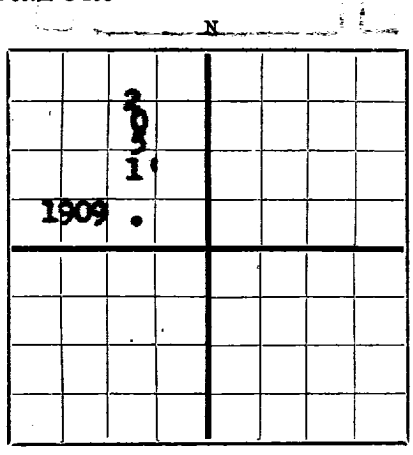
DUPLICATE

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

RECEIVED
MAR 2 1948
OIL CONSERVATION COMMISSION
HOBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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)

E. O. Carson (Lease) Well No. 10 D/D in NW/4 of Sec. 33, T. 21-S

R. 37-E, N. M. P. M., Brunson Field, Lea County.

Well is 2051 feet south of the North line and 1909 feet ~~east~~ West of the ~~East~~ line of Section 33.

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is E. O. Carson, Address Merkel, Texas

If Government land the permittee is, Address

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

Drilling ~~commenced~~ Deeper January 5, 1948. Drilling ~~was completed~~ Deeper February 16, 1948

Name of drilling contractor J. C. Hawkins, Address 2210 Mercantile Bldg. Dallas 1, Texas

Elevation above sea level at top of casing 3464' feet.

The information given is to be kept confidential until — 19

OIL SANDS OR ZONES

No. 1, from 7595 to 7720 No. 4, from to

No. 2, from 8030 to 8214 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
~~5"OD~~	~~15#~~	~~Ext. In.~~	~~J-55~~						
5"OD	15#	8 RT	Rue J-55	8215	Halliburton		7500		Oil String
							8190	8205	
2"	4.7#	8 RT	Rue J-55	8215					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
~~6-1/4"~~	~~5"~~	~~8215~~	~~50 & 100~~	~~Pump & Plug~~		

PLUGS AND ADAPTERS None logged.

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
		NONE.				

Results of shooting or chemical treatment

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 (Old total Depth) 6620 feet to 8216 feet, and from feet to feet

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

PRODUCTION

Put to producing February 24, 1948

The production of the first ~~24~~ 9 1/2 hours was 138.11 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be. 41 @ 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 27th day of February, 19 48

Notary Public

My Commission expires June 1, 1949

Kermit, Texas (Place) February 27, 1948 (Date)

Name C. F. Stephenson

Position District Superintendent

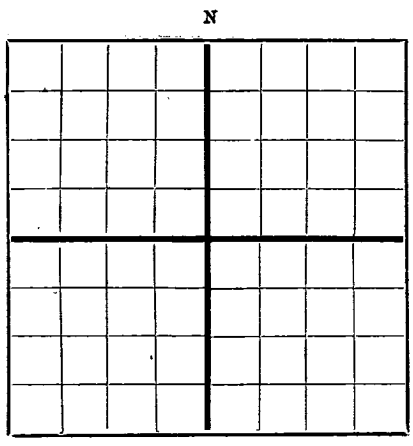
Representing Magnolia Petroleum Company (Company or Operator)

Address Box 727, Kermit, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	2.13	2.13	From top of rotary drive bushing to derrick floor.
2.13	12.03	9.90	From derrick floor to top of 9-5/8" OD casing.
6500			Set Baker Cement retainer @
6525	6585	60	Squeezed perforations w/150 sax cement w/4000#.
6502	6620	118	Driller cut retainer & cement.
6620	6808	198	Lime ½° @ 6672.
6808	6828	20	No formation logged.
6828	7338	510	Lime Straight @ 6880. 3/4° @ 6970; 1¼° @ 7057; 2° @ 7179; 2¼° @ 7250; 2° @ 7286, 7300; 2½° @ 7330.
7338	7346	8	Lime and shale
7346	7392	46	Lime 2¼° @ 7380.
7392	7403	11	Lime and shale 2¼° @ 7395.
7403	7417	14	Lime
7417	7455	38	Lime and shale 1½° @ 7450.
7455	7469	14	Lime
7469	7558	89	Lime and shale 1½° @ 7540.
7558	7584	26	Lime
7584	7592	8	Lime and shale
7592	7630	38	Lime and sand McKee sand 7595-7617; Av. drlg. time 7595-7630 4 MPF.
7595	7630	35	DST (Double Packer) Tool open 73 min. thru 5/8" BHC & 1" surface choke, gas 3 min., mud 13 min., oil 14 min., flowed by 15 min. periods 16.50, 16.50, 19.25, last 10 min., 9.62, 6.5, after tool closed, 68.37 bbls. oil, 1 hr., GOR 1030/1. Est. 24 hr. gas vol. 1670 MCF. Grav. 44.5 @ 60°; No BS. SFP MO, BHFP 2370#, 15 min., S-I BHP 2580#. Rec. circ. out. Hyd. hd. 4050#.
7630	7676	46	Lime, Sand, and shale 1-3/4° @ 7667.
7676	7700	24	Sable and sand (McKee), Av. 4-6 drlg.time from 7630-7700, good stain in sand.
7625	7700	75	DST (Double Packer) Tool open 1 hr. 29 min. thru 5/8" BHC & 1" surface choke, gas 3 min., mud 1[illegible] min., oil 15 min., cleaned in pits 14 min., flowed by 15 min. periods, 18.56, 20.63, 19.25, 19.94, total 78.38 bbls. oil 1 hr. Grav. 45.5 @ 60°, shake-out 3/10 of 1% BS. no water (est. 24 hr. gas vol. 1973 MCF) GOR 1048/1. SFP 180#-210#; BHFP 1510#-2435#; S-I 15 min. BHP 2905#; Hyd. hd. 3785#; circ. out rec.
7700	7720	20	Lime, shale & sand (McKee), fair stain 7 MPF drlg. time, bottom section McKee sand 7702-7715.
7700	7720	20	DST (Double Packer) Tool open 50 min., thru 5/8" BHC & 1" surface choke, gas 3 min., mud 3½ min., oil 7 min., cleaned in pits 13 min.; flowed 15 min. periods, 20.63, 23.37, total 44 bbls. oil 30 min. (Est. 24 hr. gas vol. 2153 MCF) GOR 1019/1. SFP 210#-245#; BHFP 2274#. 15 min. S-I BHP 2400#; hed. hd. 3700#, re-opened 70 min., cleaned & stabilized 10 min; flowed 15 min. periods, 18.56, 18.56, 20.63, total 79.75 bbls. oil 1 hr. (Est. 24 hr. gas vol 2106 MCF) GOR 1100/1; Grav. 45.5 @ 60°; 4/10 of 1% BS. SFP 220#-265#; BHFP 2375# 15 min. S-I BHP 2400#; hyd. hd. 3700#; circ. out rec.
7720	7738	18	Lime and shale
7738	7756	18	Lime, chert & shale
7756	7766	10	Lime and sand
7766	7784	18	Lime and shale
7784	7804	20	Lime, shale & chert
7804	7815	11	Lime
7815	7851	36	Lime and shale 1-3/4° @ 7820.
7851	7855	4	Lime
7855	7986	131	Lime and shale 2° @ 7973. TOP ELLENBERGER 7975'.
7986	8030	44	Lime Light, porous & stain 7985-7990, 8000-8015. Av. drlg. time Ellenberger sec. 25 MPF.
7975	8030	55	DST (Double Packer) Tool open 90 min. thru 3/8" BHC & 1" surface choke, very light blow air thru out test; Rec. 35' drlg. mud, no show oil or gas; SFP 0#; 15 min. S-I BHP 0#; hyd. hd. 3925#.
8030	8108	80	Lime 1½° @ 8095. Av. drlg. time 20 MPF (40 MPF 8047-8051). Ellenberger lime, light stain & porosity thru out. Av. 22 MPF
8028	8108	80	DST (Double Packer) Tool open 1 hr. 43 min. thru 3/8" BHC & 1" surface choke, gas 4 min., mud 23 min; oil 30 min.; flowed by 15 min. periods, 11, 11, 11, 11, total 1 hr. 44 bbls. oil (24 hr. gas vol. 1031 MCF) GOR 976/1. Grav. 41.7 @ 60°; 2% BS, no water, SFP 90#-100#; BHFP 1575#, 15 min. S-I BHP 2790#; hyd. hd. 4125#; Rec. circ. out.
8108	8112	4	Lime
8112	8126	14	Lime & granite wash Granite wash 28-40 MPF drlg. time.
8126	8215	89	[illegible] 8184-8201 8 MPF av. drlg. time, broke 20-7 MPF @ 8184'. Top of Granite - 8214'. Top of Basal sand - 8285', fair to good porosity & stain.
8215	= 8216	1	Drill Pipe Correction.
	8216		TOTAL DEPTH
8216			Schlumberger ran Temp. Surv. Set 5" OD casing @ 8215' w/ 50 sax cement. Centralizers set @ 8208.17, 8178.62, 8140, 8118.71, 8087.16, 8067.44, 8025.53, 7559.66, 7527.81, 7496.44, 7464.83, 6413.68, 6383, 6351.33. Back Off @ 6026.84.
			Pulled 5" OD casg. fr. Back Off Tool @ 6027.
8040			Schumberger ran Temp. Survey Top cement 7515'.

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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.

.....
Company or Operator — Address

.....Well No.....in.....of Sec....., T.....
Lease

R....., N. M. P. M., ...Field, ...County.

Well is.....feet south of the North line and.....feet west of the East line of.....

If State land the oil and gas lease is No.....Assignment No.....

If patented land the owner is....., Address.....

If Government land the permittee is....., Address.....

The Lessee is....., Address.....

Drilling commenced.....19..... Drilling was completed.....19.....

Name of drilling contractor....., Address.....

Elevation above sea level at top of casing.....feet.

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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED

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

Results of shooting or chemical treatment.....

.....

.....

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.....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.....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.....

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..... .....
Place — Date

day of....., 19..... Name.....

Position.....

..... Representing.....
Notary Public — Company or Operator

My Commission expires..... Address.....

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	
7500			McCullough Tools Perf. 5" OD	w/2 -3/8" holes.
7468			Set Baker Retainer @ 2	
7500			Cemented 100 sax thru perf.	w/1800#. Circ. thru out.
5708			Halliburton attempted to run Temp. Surv.	Circ. out mud to 7468'.
7468			Halliburton ran Temp. Surv.	Top cement 6187'.
7468	8215	747	Drilled out retainer and cement	SLM
8190	8205	15	McCullough Tools perf. 5" OD	w/60 holes, 4 SPF.
				Ran 2" tubing to 8215"

TEST: (Natural) Flowed 138.11 bbls. oil 9½ hrs. thru ¼" positive choke, CP 0#; TP 490-665#. GOR 1187/1. Grav. 41 @ 60°; 4/10 of 1% B.S., no water. Est. 24 hr. cap. 349 bbls. oil.