

OIL
JUN 17 1947
NEW MEXICO OIL CONSERVATION COMMISSION

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

RECEIVED
JUN 20 1947
HOBBS OFFICE

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Magnolia Petroleum Company Box 727, Kermit, Texas
Company or Operator Address
E. O. Carson Well No. **11** in **NE/4** of Sec. **33**, T. **21-S**
Lease
R. **37-E**, N. M. P. M., **Drinkard** Field, **Lea** County.
Well is **369'** feet **North** of the **South** line and **731** feet **East** of the **West** line of **NE/4 of Sec. 33**
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **E. O. Carson**, Address **Marhal, Texas**
If Government land the permittee is, Address
The Lessee is **E. O. Carson**, Address **Marhal, Texas**
Drilling commenced **December 24, 1946** Drilling was completed **February 16, 1947**
Name of drilling contractor **Magnolia Petroleum Company's New Mexico Drilling Tools**, Address **Box 727, Kermit, Texas**
Elevation above sea level at top of casing **3459** feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **5103** to **5165** No. 4, from to
No. 2, from **6570** to **6585** 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	WT. PER FOOT	THREADS PER IN.	MAKE	AMOUNT	KIND OF SHOE	PERFORATED FROM TO	PURPOSE
13-3/8" CD	48#	SRT	Grade H-40 EW	328'	Halliburton		Surface
9-5/8" CD	36#	SRT	Grade H-40 EW				
9-5/8" CD	36#	SRT	AOS S-80				
9-5/8" CD	36#	SRT	Grade J-55 EW				
9-5/8" CD	40#	SRT	Grade J-55 SS	3810'	Halliburton		Intermediate
7" CD	23#	Ext. ln.	Grade H-80 SS				
7" CD	23#	Ext. ln.	Grade J-55 SS				
7" CD	23#	SRT	Grade J-55 SS	6595'	Halliburton	6570-6585	Oil String

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4"	13-3/8"	328'	250	Pump & Plug		
12-1/4"	9-5/8"	3810'	1000	Pump & Plug		
8-3/4"	7"	6595'	450	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
		20% low tension acid	2000 gals.	2-22-47		

Results of shooting or chemical treatment **Acidized perforations to complete.**

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.
See reverse side.

TOOLS USED

Rotary tools were used from **0** feet to **6595'** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **February 23, 1947**
The production of the first 24 hours was **est. 215** barrels of fluid of which **99.2** % was oil; **.8** % emulsion; % water; and % sediment. Gravity, Be. **38.9 @ 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

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 **June**, 19 **47**
DAN B. COMFORT Notary Public in and for Wilkin County, Texas
My Commission expires **June 1, 1949**
Place **Kermit, Texas** Date **June 14, 1947**
Name **L. T. Daniel**
Position **District Superintendent**
Representing **Magnolia Petroleum Company**
Company or Operator
Address **Box 727, Kermit, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1.2'	1.2'	Top of rotary drive bushing to derrick floor.
1.2'	12.7'	11.5'	From derrick floor to top of 9-5/8" CD casing.
12.7'	23	12.3'	Surface soil & caliche
23	125	100	Sand & shells
125	198	33	Red bed & sand shell
198	270	112	No formation logged
270	330	60	Red bed & sand
			Straight @ 250'.
			Set 12-3/8" CD casing @ 128' w/250 corr.
			SIC 284 = 250.
330	525	195	Red bed
525	855	330	Red bed & sand
855	1085	230	Red bed, red rock & sand
1085	1180	95	Red rock & hard sand
1180	1260	80	Anhydrite
1260	1300	40	Anhy. & red rock
1300	1985	285	Red rock, anhy. & potash
1985	1785	200	Anhy. & salt
			Straight @ 1360', 3/4° off @ 1720'.
1785	1970	185	Red rock, anhy. & potash
1970	2065	95	Red rock & anhy.
2065	2400	335	Anhy. & salt
2400	2.83	183	Anhydrite
			1 1/2° @ 2110; 1 1/2° @ 2371. 1° @ 2500.
			SIC 2490 = 2500
2583	3580	917	Anhy. & lime
			1° @ 2750. SIC 2758 = 2774 Straight @ 3000; 5/4° off @ 3350'.
3500	3538	38	Lime & sand
3538	3595	57	Lime
3595	3607	12	Lime & sand
3607	3691	84	Lime
3691	3703	12	Lime to junk
3703	3715	12	Lime end bit shank
3715	3734	19	Lime
3734	3750	16	Junk & lime
3750	4140	390	Lime
			1° @ 3791 Set 9-5/8" CD casing @ 3810' w/1000 corr. cement.
4140	4220	80	Soft lime showing oil
4220	4460	240	Soft lime
4460	5165	705	Lime
			Straight @ 4664 SIC 4938 = 4989 Straight @ 4989'
5103	5165	62	Drill Stem Test
			Tool open 2 hrs. 30 min. thru 5/8" BHC & 1/2" sur- face choke, gas in 10 min. (insufficient to measure), light blow, fluctuating slightly in intensity, surface flowing press. Of BHP flowing 150%. BHP build-up after 15 min. 1990#. Rec. 430# heavily gas-out oil, sulphur ctr. and drlg. mud (very ther- oughtly mixed thru out). 3/4° @ 5628 SIC 5623 = 5628
5165	5630	465	Lime
5630	5659	29	Brown lime
5659	6100	441	Lime
6100	6145	45	Lime & shale
6145	6500	355	Lime
6460	6500	40	Drill Stem Test
			Straight @ 5993
6500	6524	24	Lime
6501	6524	23	Drill Stem Test
			Tool open 2 1/2 hrs. thru 5/8" BHC & 1" surface choke gas 7 min., est. gas vol. 30 MCF per day, sur. flow. press. Of. BH flow. press. 300#. BH press. after 15 min. build-up 1650#, doubt- ful, from chart, indica- tions are that packer gave way, lacking 20 stands out well started flowing, had to circ. to displace fluid in drill pipe; Rec. 20' oil & gas out mid.
6524	6595	71	Lime
6523	6595	72	Drill Stem Test
			Tool open 2 1/2 hrs. thru 5/8" BHC & 1" sur. choke, gas 11 min., pulsating flow thru- out test (est. 30 MCF pr. day), sur. flow. press. Of BH flow. press. 200#; BHP after 20 min. build-up 2000# Rec. 270' oil & gas out mid.
	6595		TOTAL DEPTH
3808	6588	2780	Ran Schlumberger
			Set 7" CD casing @ 6595' w/ 450 corr w/centralizers @ 6587, 6552, 6521, 6482, 6441, 6400, 6361, 6323, 6283, 6191, 6158, 6126, 6093, 6061. SIC 6595 = 6588
6595	6595	3	Drilled out
6570	6585	15	McGough Tools perforated 7" CD casing w/60 shots.
6570	6585	15	Western Co. acidized w/2000 gals, 20% low tension acid, 1750-1625 in 30 min
TEST 1	Flowed 93.47 gal 10-3/4 hrs thru 2" pos. choke, BHP 665/l. Curr. Gray, 38.9 @		