



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 TRIPPLICATE. 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
J. H. Carson
 Well No. **1** in **NE/4** of Sec. **33**, T. **21-S**
 Lease
37-E, N. M. P. M., **Drinkard** Field, **Lee** County.
 Well is **660** feet **north** of the **South** line and **660** 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 **Merkel, Texas**
 If Government land the permittee is _____, Address _____
 The Lessee is **E. O. Carson**, Address **Merkel, Texas**
 Drilling commenced **January 15, 1947** Drilling **Deeper** was completed **February 15, 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 **3462'** feet.
 The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from **6570** to **6590** 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		PURPOSE
							FROM	TO	
5" CD	154	Extra Fine	J-55	6610'	Halliburton		6570	6590	Oil String

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" CD	6610'	350	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.	2-23-47	6570-6590	

Results of shooting or chemical treatment **Acidised 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 **3770** feet to **6610** 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 **242** barrels of fluid of which **98.6** % was oil; **1.4** % emulsion; _____ % water; and _____ % sediment. Gravity, Be. **35.3 corrected to 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 **13th** day of **June**, 19**47**

 Notary Public
 in and for Winkler County, Texas
 My Commission expires **June 1, 1949**
 Place **Kermit, Texas** Date **June 13, 1947**
 Name **E. E. Davis**
 Position **District Superintendent**
 Representing **Magnolia Petroleum Company**
 Company or Operator
 Address **Box 727, Kermit, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	2.5'	2.5'	From Rotary Drive Bushing to Derrick Floor.
2.5'	12.2'	9.7'	From Derrick Floor to top of 7" CD casing.
3640	3770	130	Ran Halliburton Caliper - 6 1/2" to 17" in diameter.
3770	3585	185	Shot hole cemented w/100 sax.
3770	4743	973	<p> Lime - 2-3/4" @ 3805, 2 1/2" @ 3862, 3900, 2 1/2" @ 3930, 2" @ 3990, 4050, 2 1/2" @ 4102, 2 1/2" @ 4170, 1-3/4" @ 4260, 1 1/2" @ 4350, 2" @ 4420, 1-3/4" @ 4510, 1 1/2" @ 4590, 1-3/4" @ 4700. </p> <p> Sandy Lime Lime - 1 1/2" @ 4900, 1 1/2" @ 5000. Sandy lime, (slight odor). Lime, broken - 1-3/4" @ 5150. Lime Sandy lime (good odor) Broken lime. Lime - 1 1/2" @ 5440. Lime, broken. Lime. Lime, broken. Lime - 2" @ 5780, 2 1/2" @ 6050. Lime, broken. Lime - 2 1/2" @ 6535. </p>
4743	4835	92	
4835	5048	213	
5048	5109	61	
5109	5179	70	
5179	5231	52	
5231	5314	83	
5314	5343	29	
5343	5532	189	
5532	5576	44	
5576	5628	52	
5628	5699	71	
5699	6157	458	
6157	6204	47	
6204	6610	406	
	6610		<u>TOTAL DEPTH</u>
3630	6610	2980	Ran Schlumberger Well Survey.
6511	6610	99	<p> Drill Stem Test - Tool open 2 1/2 hrs. thru 5/8" HRC & 1" surface choke, gas in 7 min., Est. 50 MBF 2 1/2 hrs. Surface flowing pressure 0 1/2 to BH flow, press. 400#, gradual increase from 100# commencement of test to 400# at end of test, BH after 20 min. build-up 2500#, after cir- culating thru tool, rec. 30' oil-cut mud, by displacement and weight. Est. 600' fluid in drill pipe before circulating. </p> <p> Set 5" CD casing @ 6610' w/350 sax cement w/cen- tralizers @ 6605, 6559, 6538, 6508, 6478, 6447, 6415, 6384, 6247, 6216, 6184, 6154, 6122, 6091, 6060, 6029. </p>
6415	6610	195	Drilled out
6570	6590	20	McCullough Tools Perforated 5" CD casg. w/80 shots.
6570	6590	20	<p> Western Company acidized perforations w/2000 gals. 20% low tension acid. CP 2400# broke @ 2300# op 2500# broke @ 2000#, 59 min., flowed all lead oil. </p> <p> <u>TEST:</u> Flowed 82.03 bbls. oil thru 1/4" positive choke, 2.36 bbls. water, 8-1/4 hrs., GCR 281/1 Corr. Grav. 35.3, @ 60°. Open CP 0#, TP 250#. Closing CP 0#, TP 400#. 1.4 B.S. & W., Est. cap. 242 bbls. thru 1/4" choke. </p>