

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Magnolia Petroleum Company Box 727, Kermit, Texas
Company or Operator Address

Brunson Argo Well No. **1 D/D** in **NE/4** of Sec. **9**, T. **24S**
Lease

R. **37-E**, N. M. P. M., **Drinkard** Field, **Lea** County.
Well is **660** feet south of the North line and **1980** feet west of the East line of **Section 9**

If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is **R. L. Brunson**, Address **Bunice, New Mexico**
If Government land the permittee is _____, Address _____
The Lessee is _____, Address _____
Drilling commenced **March 8, 1947** Drilling was completed **April 2, 1947**
Name of drilling contractor **New Mexico Drilling Tools**, Address **Box 727, Kermit, Texas**
Elevation above sea level at top of casing **3436'** feet.
The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from **5139** to **5190** No. 4, from _____ to _____
No. 2, from **6538** to **6558** 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		PURPOSE
							FROM	TO	
5" OD	15#	8rt	J-55 19.55						
5" OD	15#	8rt	SS	6569	Halliburton		6538	6558	Producing zone.
2"	4.7#	8rt	EUE H-40 SS	6567					

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" OD	6569	250	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% L.T. Acid	2,000	4-7-47	6538-6558	

Results of shooting or chemical treatment **Process of completion.****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 **X03738** feet to **6569** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **April 8, 1947**
The production of the first 24 hours was **est. 175** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be **39.2°**
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 **30th** day of **September**, 19 **47**
Daniel C. Comfort Notary Public
My Commission expires **June 1, 1939**

Kermit, Texas **Sept. 30, 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	2.6'	2.6'	Top of rotary drive bushing to derrick floor.
2.6'	12.3'	9.7	From derrick floor to top of 7" OD casing.
3738	3710	3710	Halliburton ran Calipers to Diameter 8" - 33".
3718	3718	20	100 sax cement
3686	3686	32	100 sax cement (No fill-up from 3718-3718 w/100 sax cement.)
3686	3200	486	100 sax cement
3200	3753	553	Drilled out cement
3753	4105	352	Lime
4105	4210	105	Lime, broken
4210	5090	880	Lime
5090	5170	80	Lime, broken
5170	5190	20	Lime
5133	5190	57	D. S. T.
			Tool open 2 hrs. 35 min. thru 5/8" BHC & 1" surface choke, gas in 60 min. (insufficient to measure), surface flowing press 0#, BH flowing press., gradual increase thru out test 100#, 775#, S-I BHP 1550# after 20 min. Rec. 210' heavily oil and gas out drlg. mud, 630' oil and gas out salt water, 960' gas out salt water.
5190	6138	948	Lime
6138	6195	57	Lime, slight odor
6195	6515	320	Lime
6515	6565	50	Lime, broken
6565	6569	4	Lime
6481	6569	88	D. S. T.
			Tool open 80 min. thru 5/8" BHC & 1" surface choke, gas in 7 min., (est. 30 MCF 24 hrs.) surface flowing press. 0#; Rec. w/30 stands (approximately 2700') still in hole, pipe unloaded clean oil for 5 min., unloaded small amounts of oil intermittently while pulling rest of pipe. Last 2 stands (180') heavily oil and gas out drlg. mud, BH flow press. 200#-400#, S-I BHP 2350# after 15 min. Corr. Grav. 38.5.
			Set 5" OD casing @ 6569' w/250 sax cement w/centralizers set @ 6556-6519-6483-6452-6420-6389-6357-6326, 5249, 5218, 5186, 5154, 5123, 5092, 5060, 5028.
6569	6567	2	Drilled out
	6558	6558	Ran Gamma Ray & Neutron log
6538	6558	20	McCullough Tools perforated
6538	6558	20	5" OD casing.
			w/3 holes per foot, 60 shots.
			Western Company acidised
			w/2000 gals, 20% low tension acid. 2500#-2250# - 2 hrs. 25 min.
6569 D/O	6567	2	
			TEST: Flowed 88.6 bbls oil 11-3/4 hrs. thru 3/8" positive choke on 2" tubing; TP 150#-200#, CP 0#-0#; GOR 807/1, Corr. Grav. 39.2 8/10 of 1% BS. Est. cap. 175 bbls. oil P. D., daily allowable 75 bbls., Gas 7153 MCF per 24 hours.