



**CORD 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 0 feet to 9393 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing September 13, 1953  
 OIL WELL: The production during the first 24 hours was 230.9 barrels of liquid of which 99.8 % was oil; No % was emulsion; No % water; and .2 % was sediment. A.P.I. Gravity 43.3° @ 60°  
 GAS WELL: The production during the first 24 hours was \_\_\_\_\_ M.C.F. plus \_\_\_\_\_ barrels of liquid Hydrocarbon. Shut in Pressure \_\_\_\_\_ lbs.  
 Length of Time Shut in \_\_\_\_\_

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....	<u>2158</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....		T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....		T. Montoya.....	T. Farmington.....
T. Yates.....	<u>3118</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....		T. McKee.....	T. Menefee.....
T. Queen.....		T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	<u>4657</u>	T. Granite.....	T. Dakota.....
T. Glorieta.....	<u>6120</u>	T. ....	T. Morrison.....
T. Drinkard.....		T. ....	T. Penn.....
T. Tubbs.....	<u>7280</u>	T. ....	T. ....
T. Abo.....	<u>7968</u>	T. ....	T. ....
T. Penn.....	<u>9183</u>	T. ....	T. ....
T. Miss.....		T. ....	T. ....

**FORMATION RECORD**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	440	440	Caliche & Red bed				
440	2096	1656	Red bed				
2096	3195	1099	Anhydrite & sand				
3195	3690	495	Anhydrite				
3690	4453	763	Anhydrite & Gyp				
4453	4690	237	Anhydrite & Shale				
4690	4750	60	Anhydrite & Lime				
4750	5163	413	Lime				
5163	6360	1197	Lime & Sand				
6360	7540	1180	Lime				
7540	7922	382	Lime & Sand				
7922	9080	1158	Lime & Shale				
9080	9393	313	Lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

October 22, 1953  
 Box 727, Kermit, Texas (Date)

Company or Operator Magnolia Petroleum Company Address \_\_\_\_\_  
 Name E. H. Blundell Position or Title District Superintendent

ACIDIZING OR OTHER COMPLETION OPERATION

<u>Date</u>	<u>Operation</u>
9-3-53	Cardinal Acidized perms. 9354-9374 w/1000 gals mud acid, Time 3 hrs Inj. rate .3 BPM, TP 5200-5000#. Swabbed 37 BLO (All) plus 4 BAW 3 hrs. Swabbed 18 BFO plus 20 BAW 10 hrs.
9-4-53	Cardinal Acidized (Re-acidized) perms. 9354-9374 w/2000 gals 20% LST, Time 47 min. Inj. rate 1 BPM, TP 500-5500-5250#, Swabbed 37 BLO (All) plus 40 BAW 4 hrs, Swabbed 57 BFO plus 8 BAW 13 hrs.
9-4-53	Cardinal re-acidized perms. 9354-9374 w/5000 gals 20% LST, Time 74 min. Inj. rate 1.6 BPM, TP 2500-4500. Swabbed 37 BLO (All) 2½ hrs. Swabbed 98 BFO plus 120 BAW 17 hrs.
9-7-53	Cardinal acidized perms 9220-9265 w/1000 gals mud acid, Time 17 min. Inj. rate 1½ BPM, TP 4500-2200-3000#. Swabbed 37 BLO (All) 2 hrs. Swabbed 122 BLO plus 24 BAW 16 hrs.
9-8-53	Cardinal re-acidized perms. 9220-9265 w/2000 gals 20% LST, Time 16 min. Inj. rate 3 BPM, TP 1500-2300. Swabbed 37 BLO (All) plus 20 BAW 3 hrs. Flowed 237 BFO plus 28 BAW 18 hrs. 12/64" choke. TP 145#.
9-9-53	Cardinal re-acidized perms 9220-9265 w/5000 gals 20% LST, Time 27 min. Inj. rate 4.8 BPM, TP 1000-2500-2000#, Swabbed 37 BLO (All) plus 95 BAW 5 hrs. Flowed 130 BFO plus 25 BAW 10 hrs. 12/64" choke.
9-13-53	Cardinal re-acidized perms 9220-9265 & 9354-9374 w/1000 gals mud acid, Time 15 min. Inj. rate 1.8 BPM, TP 500-1000-800. Swabbed 37 BLO (All) plus 52 BFO plus 24 BAW 7 hrs. Flowed 32 BFO 3 hrs. 32/64" choke TP 0-60#

DRILL STEM TESTS

<u>No</u>	<u>Operation</u>
1	DST (Wolfcamp) 9040-9090, Open Hole, 1" SC, 5/8" BHC, No WC, Time 2 hrs, w/2 pkrs, Nothing to surface, Rec. 15' drlg. mud, No show. All pressures 0, HH 4155# in and out.
2	DST (Wolfcamp) 9209-9260, Open Hole, 1" SC, 5/8" BHC, No WC, Time 2 hrs 5 min., w/2 pkrs, Gas in 7 min. 305.2 MDF/day., mud to surface 45 min., oil in 46 min. Cleaned to pits 50 min. Flowed 28.81 BFO 1 hr. GOR 474 to 1, Gr. 43° @ 60°. S/O .2% RS, SFP 0-45#, BHFP 850-2130#. Closed 15 min. SIP 2715#, HH 4200 in, 4170# out. Rev. out.
3	DST (Wolfcamp) 9345-9393 Open Hole, 1" SC, 5/8" BHC, Time 3 hrs, w/2 pkrs, Nothing to surface, Rec. 3' free oil & 270' oil & gas cut mud, SFP 0, BHFP 0-150#. Closed 15 min. SIP 625#. HH 4275# in & out.

DEVIATION SURVEY

<u>Depth</u>	<u>Degrees Off Vertical</u>	<u>Depth</u>	<u>Degrees Off Vertical</u>
1500	1	7100	1 3/4
3000	2	7450	1½
3100	1	8060	1
4100	½	8270	1½
5000	3/4	8498	2
5240	1	8675	1½
5636	1½	9090	1



