

**Santa Fe, New Mexico**

# WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form G-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

**Magnolia Petroleum Company**

**Gann-Wright**

(Company or Operator)

(L-230)

Well No. 2, in NE  $\frac{1}{4}$  of NW  $\frac{1}{4}$ , of Sec. 9, T. 15S, R. 36E, NMPM.

**Candill Wolfcamp**

**Pool.**

**Lee**

...County.

Well is 660' feet from North line and 1960' feet from West line

of Section 9 If State Land the Oil and Gas Lease No. is.....

Drilling Commenced..... **January 12** ..... 19 **57** Drilling was Completed..... **March 1** ..... 19 **57**

Name of Drilling Contractor..... **Magnolia Petroleum Company** .....

Address..... **Box 633, Midland, Texas** .....

Elevation above sea level at Top of Tubing Head..... **3933'** ..... The information given is to be kept confidential until

No. 1, from.....to..... No. 4, from.....to.....

No. 2, from.....to..... No. 5, from.....to.....

No. 3. from.....to..... No. 6. from.....to.....

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.

| SIZE    | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE             |
|---------|-----------------|-------------|--------|--------------|---------------------|--------------|---------------------|
| 13 3/8" | 48#             | New         | 430'   |              |                     |              | Surface String      |
| 9 5/8"  | 40#             | New         | 4715'  |              |                     |              | Intermediate String |
| 5 1/2"  | 17 & 20#        | New         | 10620' |              |                     |              | Oil String          |
|         |                 |             |        |              |                     |              |                     |

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 17 1/2"      | 13 3/8"        | 430'      | 425                 | Pump & Plug |             |                    |
| 12 1/4"      | 9 5/8"         | 4715'     | 2500                | Pump & Plug |             |                    |
| 8 3/4"       | 5 1/2"         | 10620'    | 520                 | Pump & Plug |             |                    |
|              |                |           |                     |             |             |                    |

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Result of Production Stimulation.....

**Depth Cleaned Out.....**

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 0 feet to 10620 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

Put to Producing March 16, 1957  
OIL WELL: The production during the first 24 hours was 191 barrels of liquid of which 100 % was  
was oil; \_\_\_\_\_ % was emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % was sediment A.P.I.  
Gravity 42.5 @ 60° F  
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.....       | 2070'  | T. Devonian.....    | T. Ojo Alamo.....          |
| T. Salt.....       | 2130'  | T. Silurian.....    | T. Kirtland-Fruitland..... |
| B. Salt.....       | 2980'  | T. Montoya.....     | T. Farmington.....         |
| T. Yates.....      | 3100'  | T. Simpson.....     | T. Pictured Cliffs.....    |
| T. 7 Rivers.....   | 3920'  | T. McKee.....       | T. Menefee.....            |
| T. Queen.....      | 4600'  | T. Ellenburger..... | T. Point Lookout.....      |
| T. Grayburg.....   | 6125'  | T. Gr. Wash.....    | T. Mancos.....             |
| T. San Andres..... | 74 05' | T. Granite.....     | T. Dakota.....             |
| T. Glorieta.....   | 8154'  | T. ....             | T. Morrison.....           |
| T. Drinkard.....   | 9728'  | T. ....             | T. Penn.....               |
| T. Tubbs.....      |        | T. ....             | T. ....                    |
| T. Abo.....        |        | T. ....             | T. ....                    |
| Penn.....          |        | T. ....             | T. ....                    |
| T. Miss.....       |        | T. ....             | T. ....                    |

FORMATION RECORD

| From  | To    | Thickness<br>in Feet | Formation                | From | To | Thickness<br>in Feet | Formation |
|-------|-------|----------------------|--------------------------|------|----|----------------------|-----------|
| 0     | 20    | 20                   | Caliche                  |      |    |                      |           |
| 20    | 104   | 84                   | Red bed                  |      |    |                      |           |
| 104   | 160   | 56                   | Sand                     |      |    |                      |           |
| 160   | 354   | 194                  | Red bed & shells         |      |    |                      |           |
| 354   | 430   | 76                   | Shells                   |      |    |                      |           |
| 430   | 565   | 135                  | Red rock & Shale         |      |    |                      |           |
| 565   | 1660  | 1095                 | Red bed & shells         |      |    |                      |           |
| 1660  | 1965  | 305                  | Red bed & Shale          |      |    |                      |           |
| 1965  | 2036  | 71                   | Anhydrite & sand         |      |    |                      |           |
| 2036  | 2180  | 144                  | Anhydrite & Gypsum       |      |    |                      |           |
| 2180  | 3200  | 1020                 | Anhydrite, Gypsum & Salt |      |    |                      |           |
| 3200  | 3300  | 100                  | Anhydrite & Gypsum       |      |    |                      |           |
| 3300  | 3793  | 493                  | Anhydrite, Gypsum & Lime |      |    |                      |           |
| 3793  | 4582  | 789                  | Anhydrite & Lime         |      |    |                      |           |
| 4582  | 5521  | 939                  | Lime                     |      |    |                      |           |
| 5521  | 5635  | 114                  | Lime & Shale             |      |    |                      |           |
| 5635  | 5732  | 97                   | Lime & Shale             |      |    |                      |           |
| 5732  | 8885  | 3153                 | Lime                     |      |    |                      |           |
| 8885  | 9075  | 190                  | Lime & Shale             |      |    |                      |           |
| 9075  | 9180  | 105                  | Lime                     |      |    |                      |           |
| 9180  | 9491  | 311                  | Lime & Shale             |      |    |                      |           |
| 9491  | 10411 | 920                  | Lime                     |      |    |                      |           |
| 10411 | 10620 | 209                  | Lime & Shale             |      |    |                      |           |

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.

March 20, 1957 (Date)  
Company or Operator Magnolia Petroleum Company Address Box 2406, Hobbs, New Mexico  
Name M. L. Ougherty Position or Title District Superintendent

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Form C-110  
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Socony Mobil Oil Company, Inc. Lease Gann-Wright  
Well No. 2 Unit Letter C S 9 T 15S R 36E Pool Caudill-Wolfeamp  
County Lea Kind of Lease (State, Fed. or Patented) Patented  
If well produces oil or condensate, give location of tanks: Unit NW/4 S 9 T 15S R 36E  
Authorized Transporter of Oil or Condensate Cactus Petroleum, Inc.

Address Box 1567, Midland, Texas  
(Give address to which approved copy of this form is to be sent)  
Authorized Transporter of Gas Socony Mobil Oil Company, Inc.  
Address Box 2406, Hobbs, New Mexico Date Connected \_\_\_\_\_  
(Give address to which approved copy of this form is to be sent)  
If Gas is not being sold, give reasons and also explain its present disposition:

Reasons for Filing: (Please check proper box) New Well ☐  
Change in Transporter of (Check One): Oil ☐ Dry Gas ☐ C'head ☐ Condensate ☐  
Change in Ownership ☐ Other ☒  
Remarks: (Give explanation below)

Change name of Operator from Magnolia Petroleum Company  
Effective October 1, 1959.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 1st day of October 19 59

Approved OCT 21 1959 19

OIL CONSERVATION COMMISSION

By [Signature]  
Title Engineer

By [Signature]  
Title District Superintendent

Company Socony Mobil Oil Company, Inc.

Address Box 2406  
Hobbs, New Mexico

TOTCO DEVIATION CURVE

| <u>Depth</u> | <u>Degrees off Vertical</u> |
|--------------|-----------------------------|
| 700'         | 1/2                         |
| 2036'        | 1                           |
| 4850'        | 1/2                         |
| 5165'        | 1/4                         |
| 5445'        | 1/4                         |
| 5942'        | 1/4                         |
| 6645'        | 1/4                         |
| 7030'        | 1/2                         |
| 7155'        | 1/2                         |
| 7359'        | 3/4                         |
| 7594'        | 3/4                         |
| 8285'        | 3/4                         |
| 8460'        | 1/2                         |
| 8739'        | 1/4                         |
| 9000'        | 1/2                         |
| 9180'        | 3/4                         |
| 9453'        |                             |
| 9858'        |                             |
| 9940'        |                             |
| 10087'       |                             |
| 10143'       |                             |
| 10460'       |                             |

CORE RECORD

None

DRILL STEM TESTS

| <u>NO</u>  | <u>DATE</u> | <u>FROM</u> | <u>TO</u> | <u>NO. KIND &amp; SIZE<br/>OF PERFORATIONS<br/>(OR OPEN HOLE)</u> | <u>TOOL<br/>SET @</u> | <u>CHOKES<br/>TOP BOTTOM</u> | <u>WATER<br/>CUSHION</u> | <u>TIME<br/>TESTED</u> |
|--|-------------|-------------|-----------|---|-----------------------|------------------------------|--------------------------|------------------------|
| 1  | 2/24/57     | 10195       | 10232     | Open Hole   | 10195'                | 5/8" 1"                      | None                     | 1 1/2 Hr.              |
| (Welfcamp) Nothing to surface, recovered 160' of slight gas cut drilling mud & 30' of mud cut water. SFP - 0#, BHFP - 30-90#, 15 minutes. SIP - 3170#, HH - 4960# in and out.  |             |             |           |   |                       |                              |                          |                        |
| 2  | 2/24/57     | 10350       | 10395     | Open Hole   | 10350'                | 5/8" 1"                      | None                     | 3 Hrs.                 |
| (Welfcamp) Gas to surface 12 minutes. Measured 87.68 MCF/Day. No recovery due to pipe stuck. Circulated out 4285' oil from DP, SFP - 7#, BHFP - 210# 15 minutes. SIP - no gauge, HH - 5210 in. Spotted 90 BQ - pipe came loose. Prep. to condition hole. |             |             |           |   |                       |                              |                          |                        |
| 3  | 2/27/57     | 10340       | 10410     | Open Hole   | 10340'                | 5/8" 1"                      | None                     | 2 Hrs.                 |
| (Welfcamp) Gas to surface in 13 minutes. Estimated 84.06 MCF/Day. Recovered 2600' of free oil (Gravity 40.1 @ 60°). SFP - 6 1/2#, BHFP - 170-660# 30 minutes. SIP - 3295#, HH - 5020-4970#.  |             |             |           |   |                       |                              |                          |                        |
| 4  | 3/3/57      | 10463       | 10508     | Open Hole   | 10463'                | 5/8" 1"                      | None                     | 2 hrs.                 |
| (Welfcamp) Nothing to surface, weak blow air, recovered 60' very slight oil cut drilling mud. SFP - 0#, BHFP - 65-150# 30 minutes, SIP - 2435#, HH - 5295-5215.  |             |             |           |   |                       |                              |                          |                        |

ACIDIZING OR OTHER COMPLETION OPERATION

|         |  |
|---------|--|
| 3/10/57 | Western acidized perforations 10472-10480 w/1000 gals. TP 6000-5000-5500#. Swabbed 41 BLO (all) in 6 hrs.  |
| 3/10/57 | Western Reacidized perforations 10472-10480 w/3000 gals regular. TP 5000-5400#.  |
| 3/10/57 | Western Reacidized perforations 10472-10480 w/6000 gals. regular. TP 5200-4900-5400#. Swabbed 41 BLO (all) in 2 hrs. Swabbed & flowed 30 BNO & 77 BAW in 10 hrs. |

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