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NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Socony Mobil Oil Company, Inc.

State M

(Company or Operator) (Lease)

Well No. 10, in SW NW 34 17S 35E, NMPM.  
Vacuum Abo Pool, Lea County.  
Well is 2310 feet from North line and 990 feet from West line  
of Section 34. If State Land the Oil and Gas Lease No. is B-2273  
Drilling Commenced 2-5-62, 19. Drilling was Completed 3-9-62, 19.  
Name of Drilling Contractor Dale Mount Drilling Co.  
Address Box 5204, Midland, Texas  
Elevation above sea level at Top of Tubing Head 3920. The information given is to be kept confidential until  
19.

OIL SANDS OR ZONES

No. 1, from 8462 to 8898. 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 None to feet.  
No. 2, from to feet.  
No. 3, from to feet.  
No. 4, from to feet.

CASING RECORDED

| SIZE   | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE             |
|--------|-----------------|-------------|--------|--------------|---------------------|--------------|---------------------|
| 10 3/4 | 32.75           | New         | 324    | ---          | ---                 | ---          | Surface String      |
| 7 5/8  | 32.70&          |             |        |              |                     |              |                     |
|        | 26.40           | New         | 3600   | ---          | ---                 | ---          | Intermediate String |
| 5 1/2  | 17 & 15.50      | New         | 5703   | ---          | ---                 | 8462-8898    | Production String   |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE                   | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------------------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 15"                            | 10 3/4         | 324       | 150                 | Pump & Plug | ---         | ---                |
| 9 7/8"                         | 7 5/8          | 3600      | 1300                | Pump & Plug | ---         | ---                |
| 6 5/8"                         | 5 1/2          | 9100      | 550                 | Pump & Plug | ---         | ---                |
| (Liner) (Top of Liner @ 3397') |                |           |                     |             |             |                    |

RECORD OF PRODUCTION AND STIMULATION

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

Perfs: 8462-75, 8483-89, 8495-8513, 8536-42, 8560-66, 8586-90, 8631-40, 8654-59,  
8682-8702, 8708-29, 8733-39, 8744-67, 8771-86, 8790-95, 8806-21, 8829-32  
8835-71, 8877-98 Chemical Engr. Co. acidized w/1000 gals. 15% NE Acid  
Brk dwn TP 2350#. Trt. TP 2350-2700-1900-2500. Rate 0.8 BPM, 5 Min. SI TP 1000#  
Result of Production Stimulation.

Depth Cleaned Out. ---

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 9100 feet, and from --- feet to --- feet.  
Cable tools were used from --- feet to --- feet, and from --- feet to --- feet.

PRODUCTION

Put to Producing March 15 62, 19

OIL WELL: The production during the first 24 hours was 324 barrels of liquid of which 100 % was  
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.  
Gravity. 41.5 @ 60° GOR 475

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.                | 1587      |  | T. Devonian             |  | T. Ojo Alamo          |
| T. Salt                 | 1763      |  | T. Silurian             |  | T. Kirtland-Fruitland |
| B. Salt                 | 2736      |  | T. Montoya              |  | T. Farmington         |
| T. Yates                | 2918      |  | T. Simpson              |  | T. Pictured Cliffs    |
| T. 7 Rivers             |           |  | T. McKee                |  | T. Menefee            |
| T. Queen                | 3784      |  | T. Ellenburger          |  | T. Point Lookout      |
| T. Grayburg             |           |  | T. Gr. Wash.            |  | T. Mancos             |
| T. San Andres           | 4458      |  | T. Granite              |  | T. Dakota             |
| T. Glorieta             |           |  | T.                      |  | T. Morrison           |
| T. Drinkard             |           |  | T.                      |  | T. Penn.              |
| T. Tubbs                |           |  | T.                      |  | T.                    |
| T. Abo                  | Reef 8396 |  | T.                      |  | 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    | 220  | 220                  | Calachie, Sand, Shale          |      |    |                      |           |
| 220  | 1542 | 1322                 | Red Bed                        |      |    |                      |           |
| 1542 | 1715 | 173                  | Anhydrite, Gyp                 |      |    |                      |           |
| 1715 | 2380 | 665                  | Shale, Anhydrite, Salt Streaks |      |    |                      |           |
| 2380 | 3040 | 660                  | Anhydrite & Salt               |      |    |                      |           |
| 3040 | 3078 | 38                   | Anhydrite                      |      |    |                      |           |
| 3078 | 3300 | 222                  | Anhydrite & Salt Streaks       |      |    |                      |           |
| 3300 | 3360 | 60                   | Anhydrite and Gyp              |      |    |                      |           |
| 3360 | 3408 | 48                   | Anhydrite                      |      |    |                      |           |
| 3408 | 3558 | 150                  | Anhydrite & Gyp                |      |    |                      |           |
| 3558 | 3600 | 42                   | Anhydrite & Lime               |      |    |                      |           |
| 3600 | 4398 | 798                  | Lime                           |      |    |                      |           |
| 4398 | 5816 | 1418                 | Lime & Sand                    |      |    |                      |           |
| 5816 | 6575 | 759                  | Lime, Sand & Chert             |      |    |                      |           |
| 6575 | 7468 | 893                  | Lime & Sand                    |      |    |                      |           |
| 7468 | 7672 | 204                  | Lime, Sand & Chert Streaks     |      |    |                      |           |
| 7672 | 7842 | 170                  | Lime, Sand & Shale             |      |    |                      |           |
| 7842 | 8157 | 315                  | Lime, Sand & Chert             |      |    |                      |           |
| 8157 | 8369 | 212                  | Lime                           |      |    |                      |           |
| 8369 | 8543 | 174                  | Lime, Sand & Shale             |      |    |                      |           |
| 8543 | 8670 | 127                  | Lime & Sand                    |      |    |                      |           |
| 8670 | 8904 | 234                  | Lime & Shale                   |      |    |                      |           |
| 8904 | 9065 | 161                  | Lime                           |      |    |                      |           |
| 9065 | 9100 | 35                   | 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 26, 1962

(Date)

Company or Operator Socony Mobil Oil Co., Inc.

Address Box 2406, Hobbs, New Mexico

Name

*W. H. Fultz*

Position or Title

Senior Clerk

PERFORATIONS

| <u>From</u> | <u>To</u> | <u>No.</u> | <u>Size</u> | <u>Kind</u> |
|-------------|-----------|------------|-------------|-------------|
| 8462        | 8475      | 26         | 1           | Jet         |
| 8483        | 8489      | 12         | 1           | "           |
| 8495        | 8513      | 36         | 1           | "           |
| 8536        | 8542      | 12         | 1           | "           |
| 8560        | 8566      | 12         | 1           | "           |
| 8586        | 8590      | 8          | 1           | "           |
| 8631        | 8640      | 18         | 1           | "           |
| 8654        | 8659      | 10         | 1           | "           |
| 8682        | 8702      | 40         | 1           | "           |
| 8708        | 8729      | 42         | 1           | "           |
| 8733        | 8739      | 12         | 1           | "           |
| 8744        | 8767      | 46         | 1           | "           |
| 8771        | 8786      | 30         | 1           | "           |
| 8790        | 8795      | 10         | 1           | "           |
| 8806        | 8821      | 30         | 1           | "           |
| 8829        | 8832      | 6          | 1           | "           |
| 8835        | 8871      | 72         | 1           | "           |
| 8877        | 8898      | 42         | 1           | "           |

CORE RECORD

None

DRILL STEM TEST

None

ACIDIZING RECORD

3-15-62 Chemical Engineering Co. acidized perfs: 8462-8898 (overall)  
w/1000 gals. 15% NE acid. Break down TP 2350#. Treating  
TP 2350-2700-1900-2500#. Rate 0.8 BPM. Intermediate SI TP  
2500#, 5 Min SI TP 1000#, Bled well to o#, Swab & Flow 50 BLO  
+ 20 BAW + 105 BNO in 15 hrs. 28/64" Ch. TP 100-200#.

DEVIATION SURVEYS

| <u>Depth</u> | <u>Degree Off Vertical</u> | <u>Depth</u> | <u>Degree Off Vertical</u> |
|--------------|----------------------------|--------------|----------------------------|
| 69           | $\frac{1}{4}$              | 6846         | 2 $\frac{3}{4}$            |
| 2048         | $1\frac{1}{4}$             | 7063         | 2 $\frac{1}{2}$            |
| 2485         | $3\frac{1}{2}$             | 7465         | 2 $\frac{3}{4}$            |
| 2922         | 1                          | 7796         | 2 $\frac{1}{2}$            |
| 3324         | $1\frac{1}{4}$             | 8044         | 3 $\frac{1}{4}$            |
| 3511         | 2                          | 8392         | 3                          |
| 3572         | $1\frac{3}{4}$             | 8971         | 2                          |
| 3780         | 2                          |              |                            |
| 3907         | $1\frac{3}{4}$             |              |                            |
| 4120         | ?                          |              |                            |
| 4373         | $2\frac{1}{2}$             |              |                            |
| 4560         | 3                          |              |                            |
| 4777         | 2 $\frac{1}{2}$            |              |                            |
| 4985         | 3                          |              |                            |
| 5232         | 2 $\frac{3}{4}$            |              |                            |
| 5974         | 2 $\frac{1}{2}$            |              |                            |

SUMMARY OF OPERATIONS

2-5-62 Commenced drilling operations (spud date)  
2-6-62 Set 324' of 10 3/4" surface casing.  
2-6-62 Tested 10 3/4" Casing.  
2-11-62 Worth Well ran Caliper Survey to 3604'.  
2-12-62 Set 3600' of 7 5/8" Casing.  
2-13-62 Tested 7 5/8" Casing.  
3-9-62 Lane Wells ran GR-Acoustic, ES-Induction Logs to 9098'.  
3-10-62 Lane Wells ran Micro Lateral Log to 9098'.  
Worth Well ran Caliper Log to 9098'.  
3-11-62 Set 5703' of 5 1/2" Liner @ 9100', Top of Liner @ 3497'.  
3-11-62 Worth Well ran Temp. Survey, Top Cement @ 3540'.  
3-12-62 Tested top 5 1/2" Liner.  
3-12-62 D/O cement in 5 1/2" Liner to 9063'. Tested 5 1/2" Liner w/1800#.  
3-13-62 Frontier ran Isotron Log to 9074'.  
3-14-62 Ram Guns Perf. 5 1/2" Liner 8462-8898 (over all) W/2 Jet shots per foot.  
3-15-62 Chemical Engineering Co. acidized Perfs. 8462-8898 W/1000 gals. 15% NE Acid.  
3-16-62 On NMOC potential test, well completed.