

OIL CONSERVATION DIVISION
P. O. BOX 2038
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| | |
|------------------------|--|
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| FILE | |
| U.S.G.S. | |
| LAND OFFICE | |
| OPERATOR | |

5a. Indicate Type of Lease
State ☒ Fee

5. State Oil & Gas Lease No.
B-1527-2

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name
State "JJ"

9. Well No.
2

10. Field and Pool, or Wildcat
Vacuum Grayburg - SA

2. Name of Operator
Mobil Producing TX & NM Inc.

3. Address of Operator
9 Greenway Plaza, Suite 2700, Houston, TX 77046

4. Location of Well

UNIT LETTER N LOCATED 1670 FEET FROM THE West 340 FEET FROM

THE South LINE OF SEC. 7 TWP. 17S RGE. 35E NMFM

12. County
Lea

15. Date Spudded 8-5-86 16. Date T.D. Reached 8-12-86 17. Date Compl. (Ready to Prod.) 9-5-86 18. Elevations (Lr, RKB, RT, GR, etc.) KB-4017 19. Elev. Casinghead 4004

20. Total Depth 5000 21. Plug Back T.D. 4954 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools X Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
4724-4736 San Andres 25. Was Directional Sur Made No

26. Type Electric and Other Logs Run
SD-DS-NG, DG/MG, Acoustic, Computer analyzed 27. Was Well Cored No

| CASING RECORD (Report all strings set in well) | | | | | |
|--|----------------|-----------|-----------|--------------------------|---------------|
| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 8 5/8 | 24# | 1710 | 12 1/4 | 1100 sx C | Circ 250 sx |
| 5 1/2 | 15.5# | 5000 | 7 7/8 | 875 sx C + 350 sx C Neat | Circ 170 sx |

| LINER RECORD | | | | TUBING RECORD | | |
|--------------|-----|--------|--------------|---------------|-------|-----------|
| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET |
| | | | | | 2 3/8 | SN @ 4764 |
| | | | | | | TA @ 4641 |

31. Perforation Record (Interval, size and number)
Perf SA W/2 JSPF @ 4724-4728, 4730-36 (22 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL
4765-4665 Spot 100 gal 15% Dine Fe Acid
4724-4736 Bkdn W/2900 gal 15% Dine Fe
HCL + 44 RCNBS. SWF W/26210
gal Mini-Max 111-30 gel 2% KC

33. PRODUCTION
Date First Production 9-30-86 Production Method (Flowing, gas lift, pumping - Size and type pump) FW 47000# 20/40 Ottawa Sd, fl W/69 BSW
Date of Test No Test Hours Tested 2 x 1 1/2 x 16 Pump Well Status (Prod. or Shut-in) Shut-in

Flow Tubing Press. No Test Casing Pressure Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Shut-in Test Witnessed By

35. List of Attachments
Inclination Record, Logs

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Jenny Lewis TITLE Authorized Agent DATE 11-4-86

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 36 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

| | | | |
|--------------------------|------------------------|-----------------------------|------------------------|
| T. Anhy _____ | T. Canyon _____ | T. Ojo Alamo _____ | T. Penn. "B" _____ |
| T. Salt _____ | T. Strawn _____ | T. Kirtland-Fruitland _____ | T. Penn. "C" _____ |
| D. Salt _____ | T. Atoka _____ | T. Pictured Cliffs _____ | T. Penn. "D" _____ |
| T. Yates _____ 3014 | T. Miss _____ | T. Cliff House _____ | T. Leadville _____ |
| T. 7 Rivers _____ | T. Devonian _____ | T. Menefee _____ | T. Madison _____ |
| T. Queen _____ 3991 | T. Silurian _____ | T. Point Lookout _____ | T. Elbert _____ |
| T. Grayburg _____ | T. Montoya _____ | T. Mancos _____ | T. McCracken _____ |
| T. San Andres _____ 4694 | T. Simpson _____ | T. Gallup _____ | T. Ignacio Qtzte _____ |
| T. Glorieta _____ | T. McKee _____ | Base Greenhorn _____ | T. Granite _____ |
| T. Paddock _____ | T. Ellenburger _____ | T. Dakota _____ | T. _____ |
| T. Blirebry _____ | T. Gr. Wash _____ | T. Morrison _____ | T. _____ |
| T. Tubb _____ | T. Granite _____ | T. Todilto _____ | T. _____ |
| T. Drinkard _____ | T. Delaware Sand _____ | T. Entrada _____ | T. _____ |
| T. Abo _____ | T. Bone Springs _____ | T. Wingate _____ | T. _____ |
| T. Wolfcamp _____ | T. Rustler _____ 1765 | T. Chinle _____ | T. _____ |
| T. Penn. _____ | T. _____ | T. Permian _____ | T. _____ |
| T. Cisco (Bough C) _____ | T. _____ | T. Penn. "A" _____ | T. _____ |

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, 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.....

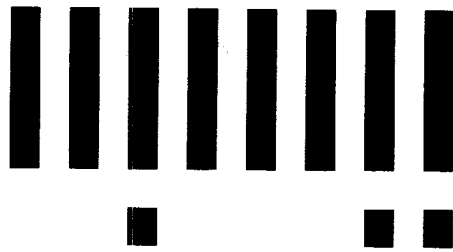
No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

No. 4, from.....to.....feet.....

FORMATION RECORD (Attach additional sheets if necessary)

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|----------------------|----------------|------|----|----------------------|-----------|
| 1765 | 3014 | 1249 | Anhydrite | | | | |
| 3014 | 3991 | 977 | Sand | | | | |
| 3991 | 4694 | 703 | Sand-Limestone | | | | |
| 4694 | 5000 | 306 | Dolomite | | | | |



LTR



Job separation sheet

INCLINATION REPORT

OPERATOR: Mobil Oil Company ADDRESS: 900 Greenway Plaza, Suite 2700
Houston, Texas

LEASE NAME: J.J.

WELL NO.: #2-N FIELD:

LOCATION: Lea County, New Mexico 102913 + 340/8 7-17-35

| DEPTH | ANGLE INCLINATION DEGREES | DISPLACEMENT | DISPLACEMENT ACCUMULATED |
|--------|------------------------------|--------------|-----------------------------|
| 256 * | 0.25 | 0.44 * | 1.1264 |
| 729 * | 0.25 | 0.44 * | 3.2076 |
| 1218 * | 0.50 | 0.87 * | 7.4619 |
| 1710 * | 1.00 | 1.75 * | 16.0719 |
| 2197 * | 1.00 | 1.75 * | 24.5944 |
| 2688 * | 1.25 | 2.18 * | 35.2982 |
| 3176 * | 1.00 | 1.75 * | 43.8382 |
| 3666 * | 1.25 | 2.18 * | 54.5202 |
| 4642 * | 1.50 | 2.62 * | 80.0914 |
| 4757 * | 1.50 | 2.62 * | 83.1044 |
| 5000 * | 2.00 | 3.49 * | 91.5851 |

I Hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

Renee Hill
TITLE: Drilling Secretary

AFFIDAVIT:

Before me, the undersigned authority, appeared Renee Hill known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that she is acting for and in behalf of the Operator of the well identified above, and that to the best of her knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Renee Hill
AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this 19th day of August, 1986.

Dana Whit
Notary Public in and for
the County of Midland,
State of Texas.

SEAL

My Commission Expires:

7-19-89

RECEIVED

AUG 28 1986

PRODUCTION
ACCTG

RECEIVED
NOV 7 1986
C.C.C.
HOBBS OFFICE



LTR



Job separation sheet

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

| | |
|-----------------------|-----|
| NO. OF COPIES DESIRED | |
| DISTRIBUTION | |
| SANTA FE | |
| FILE | |
| U.S.G.A. | |
| LAND OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| OPERATOR | |
| PRODUCTION OFFICE | |

I. Operator
Mobil Producing TX & NM Inc.

Address
9 Greenway Plaza, Suite 2700, Houston, TX 77046

Reason(s) for filing (Check proper box)

| | | |
|--|---|-----------------------------------|
| <input checked="" type="checkbox"/> New Well | Change in Transporter of: | Other (Please explain) |
| <input type="checkbox"/> Recompletion | <input type="checkbox"/> Oil | Request 200 bbl Testing Allowable |
| <input type="checkbox"/> Change in Ownership | <input type="checkbox"/> Casinghead Gas | for September, 1986 |
| | <input type="checkbox"/> Dry Gas | San Andres Perfs 4724-4736 |
| | <input type="checkbox"/> Condensate | |

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|---|---------------|--|--|----------------------|
| Lease Name State "JJ" | Well No. 2 | Pool Name, including Formation Vacuum Grayburg-SA | Kind of Lease State, Federal or Fee State | Lease No. B-1527- |
| Location Unit Letter <u>N</u> : <u>1670</u> Feet From The <u>West</u> Line and <u>340</u> Feet From The <u>South</u> | | | | |
| Line of Section <u>7</u> Township <u>17-S</u> Range <u>34-E 35</u> , NMPM, Lea County | | | | |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| | |
|---|--|
| Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> J M Petroleum Corp. | Address (Give address to which approved copy of this form is to be sent) 2000 N. Tower, Plaza of the Americas, Dallas, TX 75201 |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) |
| If well produces oil or liquids, give location of tanks. | Unit Sec. Twp. Rge. 7 17 35 |
| Is gas actually connected? | When No |

If this production is commingled with that from any other lease or pool, give commingling order number: _____

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Authorized Agent

9-22-86

(Date)

OIL CONSERVATION DIVISION

APPROVED SEP 21 1986, 19

BY ORIGINAL SIGNED BY JERRY TERTON
DISTRICT I SUPERVISOR

TITLE _____

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepen well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiple completed wells.

IV. COMPLETION DATA

| | | | | | | | | | |
|------------------------------------|-----------------------------|----------|-----------------|----------|----------|-------------------|-----------|-------------|------------|
| Designate Type of Completion - (X) | | Oil Well | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res' |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | | P.B.T.D. | | | |
| Elevations (DF, RKB, RT, CR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | | Tubing Depth | | | |
| Perforations | | | | | | Depth Casing Shoe | | | |

TUBING, CASING, AND CEMENTING RECORD

| MOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
|-----------|----------------------|-----------|--------------|
| | | | |
| | | | |
| | | | |
| | | | |

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

| | | | |
|---------------------------------|-----------------|---|------------|
| Date First New Oil Run To Tanks | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil - Bbls. | Water - Bbls. | Gas - MCF |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test - MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (prior, back pr.) | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in) | Choke Size |