

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

|                        |   |
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| OPERATOR               |   |

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                        |
|------------------------------------------------------------------------|
| 50. Indicate Type of Lease                                             |
| State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 51. State Oil & Gas Lease No.                                          |
| 1450                                                                   |

## 3. TYPE OF WELL

OIL WELL ☐GAS WELL ☒DRY ☒

OTHER

## 5. TYPE OF COMPLETION

NEW WELL ☐WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OTHER Plug &amp; Abandon

## 6. Name of Operator

U. S. Operating, Inc.

## 7. Address of Operator

2709 North Big Spring Street; Midland, Texas 79701

## 8. Location of Well

UNIT LETTER M LOCATED 660 FEET FROM THE South

LINE AND 660 FEET FROM

THE West LINE OF SEC. 6 TWP. 4N RSE 20E

DeBaca

## 15. Date Spudded

Aug. 6, 1980

## 16. Date T.D. Reached

Sept. 10, 1980

## 17. Date Compl. (Ready to Prod.)

P.H. 1-17-81

## 18. Elevations (D.R., RKB, RT, GR, etc.)

5167 GR

## 19. Elev. Casinghead

None

## 20. Total Depth

4755'

## 21. Plug Back T.D.

4680'

## 22. If Multiple Compl., How Many

-

## 23. Intervals Drilled By

Rotary Tools 0 - 4755'

## Cable Tools

## 24. Producing Interval(s), at this completion - Top, Bottom, Name

Plugged and abandoned January 17, 1981

## 25. Was Directional Survey Made

No

## 26. Type Electric and Other Logs Run

Gamma Ray Neutron Density, Dual Laterlog

## 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 |
|-------------|----------------|-----------|-----------|-------------------|---------------|
| 13-3/8"     | 48             | 404'      | 17-1/2    | 425 sacks Class C | None          |
| 10-3/4"     | 40.5           | 1401'     | 12-1/4    | None              | 1334'         |
| 8-5/8"      | 24             | 2840'     | 12-1/4    | 200 sacks Class C | 1773'         |
| 5-1/2"      | 15.5           | 4721'     | 7-7/8     | 425 sacks Class C | 3032'         |

## 29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
| None |     |        |              |        |

## 30. TUBING RECORD

| SIZE | DEPTH SET | PACKER SET |
|------|-----------|------------|
| None |           |            |

## 31. Perforation Record (Interval, size and number)

4524' - 4528', 4530 - 4534', 4536' - 4543' with 42 shots per foot.  
4591' - 4599', 4602' - 4604' with 2 shots per foot

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 4591' - 4604'  | 1500 gallons of 15% HCl       |
| 4524' - 4543'  | 1000 gallons of 10% HCl       |
|                | 7200 gallons 2% KCl-30000 lb  |

## 33. PRODUCTION

|                       |                                                                     |                                |
|-----------------------|---------------------------------------------------------------------|--------------------------------|
| Date First Production | Production Method (Flowing, gas lift, pumping - Size and type pump) | Well Status (Prod. or Shut-in) |
| None                  |                                                                     | sand                           |

| Date of Test       | Hours Tested    | Choke Size              | Prod'n. For Test (per day) | Oil - Bbl. | Gas - MCF    | Water - Bbl.              | Gas - Oil Ratio |
|--------------------|-----------------|-------------------------|----------------------------|------------|--------------|---------------------------|-----------------|
|                    |                 |                         |                            |            |              |                           |                 |
| Flow Tubing Press. | 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.)

## Test Witnessed By

## 35. REMARKS

Final logs and C-103 sent January 26, 1981.

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

TITLE Drilling Superintendent

DATE February 9, 1981

# 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 radioactivity logs run in 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 30 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 _____           | T. Miss _____                      | T. Cliff House _____        | T. Leadville _____    |
| T. 7 Rivers _____        | T. Devonian _____                  | T. Menefee _____            | T. Madison _____      |
| T. Queen _____           | T. Silurian _____                  | T. Point Lookout _____      | T. Elbert _____       |
| T. Grayburg _____        | T. Montoya _____                   | T. Mancos _____             | T. McCracken _____    |
| T. San Andres <u>62'</u> | T. Simpson _____                   | T. Gallup _____             | T. Ignacio Qrte _____ |
| T. Glorieta <u>602'</u>  | T. McKee _____                     | Base Greenhorn _____        | T. Granite _____      |
| T. Paddock <u>2327'</u>  | T. Ellenburger <u>4602'</u>        | T. Dakota _____             | T. _____              |
| T. Blinberry _____       | T. Gr. Wash <u>4432'</u>           | T. Morrison _____           | T. _____              |
| T. Tubb _____            | T. Granite _____                   | T. Tedito _____             | T. _____              |
| T. Drinkard _____        | T. Delaware Sand _____             | T. Entrada _____            | T. _____              |
| T. Abo _____             | T. Bone Springs _____              | T. Wingate _____            | T. _____              |
| T. Wolfcamp _____        | T. <u>Green Shist</u> <u>4692'</u> | T. Chinle _____             | T. _____              |
| T. Penn. <u>3690'</u>    | T. _____                           | T. Permian _____            | T. _____              |
| T. Cisco (Bough C) _____ | T. _____                           | T. Penn. "A" _____          | T. _____              |

### OIL OR GAS SANDS OR ZONES

|                                  |                            |
|----------------------------------|----------------------------|
| No. 1, from <u>None</u> to _____ | 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 <u>500'</u> to <u>700'</u> feet | <u>200 barrels per day</u><br><u>freshwater</u> |
| 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<br>in Feet | Formation               | From | To   | Thickness<br>in Feet | Formation   |
|------|------|----------------------|-------------------------|------|------|----------------------|-------------|
| 0    | 400  | 400                  | Anhydrite               | 4450 | 4600 | 150                  | Sandstone   |
| 400  | 540  | 140                  | Sandstone               | 4600 | 4700 | 100                  | Limestone   |
| 540  | 630  | 90                   | Limestone and Sandstone | 4700 | 4755 | 55                   | Green Shist |
| 630  | 1200 | 570                  | Sandstone               |      |      |                      |             |
| 1200 | 1800 | 600                  | Redbeds and Sandstone   |      |      |                      |             |
| 1800 | 2100 | 300                  | Sandstone               |      |      | 4755'                |             |
| 2100 | 2300 | 200                  | Limestone               |      |      |                      |             |
| 2300 | 2900 | 600                  | No Samples              |      |      |                      |             |
| 2900 | 3600 | 700                  | Limestone and Silts     |      |      |                      |             |
| 3600 | 4000 | 400                  | Limestone               |      |      |                      |             |
| 4000 | 4400 | 400                  | Dolomite                |      |      |                      |             |
| 4400 | 4450 | 50                   | Redbeds                 |      |      |                      |             |