

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |   |
|------------------------|---|
| NO. OF COPIES RECEIVED | 2 |
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| SANTA FE               |   |
| FILE                   |   |
| U.S.G.S.               |   |
| LAND OFFICE            |   |
| OPERATOR               |   |

5a. Indicate Type of Lease

State ☒Fee ☐

5. State Oil &amp; Gas Lease No.

B 8318

7. Unit Agreement Name

8. Farm or Lease Name

SPURCK

9. Well No.

8

10. Farm or Lease Ident.

FED 2 A/C/E  
Queen, Grayburg, S.A.

12. County

EDDY

1. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐OTHER ☐

2. TYPE OF COMPLETION

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

3. Name of Operator

LATCH OPERATIONS

4. Address of Operator

BOX 10108 LUBBOCK TX 79408

5. Location of Well

UNIT LETTER I LOCATED 2310 FEET FROM THE SOUTH LINE AND 965 FEET FROM6. EAST LINE OF SEC. 24 TWP. 17S RGE. 27E NMPM

13. Date Spudded

9 FEB 81

16. Date T.D. Reached

12 May 82

17. Date Compl. (Ready to Prod.)

15 May 82

18. Elevations (LF, RAB, RT, GR, etc.)

3520 GR.

19. Elev. Casinghead

20. Total Depth

1735'

21. Plug Back T.D.

1725'

22. If Multiple Compl., How Many

—

23. Intervals Drilled By

—

Rotary Tools

—

Cable Tools

0-1735'

24. Producing Interval(s), of this completion — Top, Bottom, Name

1532-1604 GRAYBURG

25. Was Directional Survey Made

NO

26. Type Electric and Other Logs Run

Gamma Ray - Newton

27. Was Well Cored

NO

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD         | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|--------------------------|---------------|
| 10 3/4      | 40.5           | 412       | 15"       | 100 SKS (circ)           | — 0 —         |
| 8 5/8       | 26.0           | 818       | 10 3/4"   | 100 SKS (circ)           | — 0 —         |
| 4 1/2       | 9.5            | 1731      | 7 7/8"    | 100 SKS circulated to PT | — 0 —         |

29. LINER RECORD

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

30. TUBING RECORD

| SIZE  | DEPTH SET | PACKER SET |
|-------|-----------|------------|
| 2 3/8 | 1644.25'  | —          |

31. Perforation Record (Interval, size and number)

1532-1604  
1 per ft = 71

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED                  |
|----------------|------------------------------------------------|
| 1532-1604      | 1000.99# HCL, 25000# 20/40<br>5000# 14/20 Sand |

33. PRODUCTION

|                         |           |                                                                          |                                       |                                     |       |
|-------------------------|-----------|--------------------------------------------------------------------------|---------------------------------------|-------------------------------------|-------|
| 33a. First Production   | 18 May 82 | 33b. Production Method (Flowing, gas lift, pumping — Size and type pump) | Pumping — 1 1/8 x 8" Pump Bottom Hole | 33c. Well Status (Prod. or Shut-in) | Prod. |
| 33d. Date of Test       | 25 May 82 | 33e. Hours Tested                                                        | 24                                    | 33f. Choke Size                     |       |
| 33g. Flow Tubing Press. |           | 33h. Casing Pressure                                                     | 235 PSI                               | 33i. Calculated 24-Hour Rate        |       |
| 33j. Oil — Bbl.         | 18        | 33k. Gas — MCF                                                           | 50                                    | 33l. Water — Bbl.                   | — 0 — |
| 33m. Gas — Oil Ratio    | 2778 : 1  | 33n. Oil Gravity — API (Corr.)                                           | 34                                    |                                     |       |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Waiting on Phillips

Test Witnessed By

Joseph B Schiel Jr.

35. List of Attachments

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

Joseph B Schiel Jr.

TITLE

Agent

DATE

21 June 82

## INSTRUCTIONS

Form 100 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 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 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate 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"      |
| B. Salt                 | T. Atoka         | T. Pictured Cliffs    | T. Penn. "D"      |
| T. Yates                | T. Miss          | T. Cliff House        | T. Leadville      |
| T. 7 Rivers <u>454</u>  | T. Devonian      | T. Menefee            | T. Madison        |
| T. Queen <u>1094</u>    | T. Silurian      | T. Point Lookout      | T. Elbert         |
| T. Grayburg <u>1408</u> | T. Montoya       | T. Mancos             | T. McCracken      |
| T. San Andres           | T. Simpson       | T. Gallup             | T. Ignacio Quartz |
| T. Glorieta             | T. McKee         | Base Greenhorn        | T. Granite        |
| T. Paddock              | T. Ellenburger   | T. Dakota             | T.                |
| T. Huebner              | T. Gr. Wash      | T. Morrison           | T.                |
| T. Tubb                 | T. Granite       | T. Todile             | T.                |
| T. Drinkard             | T. Delaware Sand | T. Entrada            | T.                |
| T. Abo                  | T. Bone Springs  | T. Wingate            | T.                |
| T. Wolfcamp             | T.               | T. Chinle             | T.                |
| T. Penn.                | T.               | T. Permian            | T.                |
| T. Cocco (Bough C)      | T.               | T. Penn. "A"          | T.                |

## OIL OR GAS SANDS OR ZONES

|                                        |                            |
|----------------------------------------|----------------------------|
| No. 1, from <u>1532</u> to <u>1604</u> | 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 _____ 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               |
|------|-----|-------------------|--------------------------------|------|------|-------------------|-------------------------|
| 0    | 30  | 30                | OVERBURDEN                     | 908  | 952  | 44                | ANKY E Sand             |
| 30   | 150 | 120               | ANKY & gypsum                  | 952  | 983  | 31                | Sand E LMS              |
| 150  | 190 | 40                | ANKY E gray & red shale        | 983  | 1050 | 67                | ANKY E Sand             |
| 190  | 224 | 34                | Red Shale                      | 1050 | 1094 | 44                | ANKY E LMS & Sand       |
| 224  | 432 | 108               | ANKY E red & gray shale lenses | 1094 | 1115 | 21                | LMS E Sand              |
| 432  | 453 | 21                | Sand                           | 1115 | 1185 | 70                | ANKY E Red Bed          |
| 453  | 518 | 65                | ANKY E sand lenses             | 1185 | 1215 | 30                | Sand E Red Bed          |
| 518  | 782 | 264               | ANKY E gray & red shale        | 1215 | 1363 | 148               | ANKY E Red Bed          |
| 782  | 794 | 12                | ANKY & Salt                    | 1363 | 1408 | 45                | ANKY E LMS & Red Bed    |
| 794  | 908 | 114               | ANKY                           | 1408 | 1464 | 56                | LMS E Sand & gray shale |
|      |     |                   |                                | 1464 | 1502 | 38                | ANKY E LMS              |
|      |     |                   |                                |      |      |                   |                         |

SPURCK - 0

2310 S 965 E

LATCH OPERATIONS

24 175 27

From To Thickness Formation

1532 - 1627 95 LMS E sand & red Bed Lenses

1627 - 1694 67 LMS E redbeds

1694 - 1735 41 LMS