

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

Form C-105  
Revised 1-1-89

WELL API NO.

30 025 33177

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

V-1222

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESVR ☐ OTHER ☐

7. Lease Name or Unit Agreement Name

Knowles

2. Name of Operator

Browning Oil Company, Inc.

8. Well No.

1

3. Address of Operator

P.O. Box 686, Giddings, Texas 78942

9. Pool name or Wildcat

Wildcat

4. Well Location

SUB BHL Unit Letter J : 3627 Feet From The N Line and 1425 Feet From The E Line  
3691 1938  
Section 1 Township 16 South Range 38E NMPM Lea County

10. Date Spudded

11/18/95

11. Date T.D. Reached

6/25/96

12. Date Compl. (Ready to Prod.)

10/18/96

13. Elevations (DF& RKB, RT, GR, etc.)

3732' RKB

14. Elev. Casinghead

3717'

15. Total Depth

13,053'

16. Plug Back T.D.

13,053'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

X

19. Producing Interval(s), of this completion - Top, Bottom, Name

12,955' - 13,053' - Devonian

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

DIL-GR-SP-Sonic

22. Was Well Cored

NO

23.

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|------------------|---------------|
| 13 3/8"     | 54.4#         | 400'      | 17 1/2"   | 418 sks Class C  |               |
| 8 5/8"      | 32#           | 5013'     | 11"       | 2020 sks Class C |               |
| 5 1/2"      | 17#           | 12018'    | 7 7/8"    | 2174 sks Poz H   |               |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |

24.

LINER RECORD

25. TUBING RECORD

| SIZE   | TOP     | BOTTOM  | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|--------|---------|---------|--------------|--------|--------|-----------|------------|
| 4 1/2" | 11,749' | 12,983' | 150 sks H    |        | 2 7/8" | 10,023'   | --         |
|        |         |         |              |        |        |           |            |

26. Perforation record (interval, size, and number)

12,955'-12,973' (72 holes)

12,983'-13,053' Open Hole

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

12,955-13,053

20,500 gals 20% HCL

28.

PRODUCTION

Date First Production

8/29/96

Production Method (Flowing, gas lift, pumping - Size and type pump)

Pumping - 1 1/2" Rod Pump

Well Status (Prod. or Shut-in)

Producing

Date of Test

10/20/96

Hours Tested

24

Choke Size

--

Prod'n For Test Period

Oil - Bbl.

138

Gas - MCF

TSTM

Water - Bbl.

8

Gas - Oil Ratio

--

Flow Tubing Press.

--

Casing Pressure

10

Calculated 24-Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API - (Corr.)

46.3

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

Used for fuel

Test Witnessed By

Doug Jatzlau

30. List Attachments

31. 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

Signature

Betty Petzold

Printed Name

Betty Petzold

Title

Prod. Tech.

Date

10/21/96

## 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 25 through 29 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            | 2135 | T. Canyon        |        | T. Ojo Alamo          |  | T. Penn. "B"     |
| T. Salt            |      | T. Strawn        | 11,194 | T. Kirtland-Fruitland |  | T. Penn. "C"     |
| B. Salt            |      | T. Atoka         | 11,398 | T. Pictured Cliffs    |  | T. Penn. "D"     |
| T. Yates           | 3210 | T. Miss          | 11,686 | T. Cliff House        |  | T. Leadville     |
| T. 7 Rivers        |      | T. Devonian      |        | T. Menefee            |  | T. Madison       |
| T. Queen           |      | T. Silurian      | 12,955 | T. Point Lookout      |  | T. Elbert        |
| T. Grayburg        |      | T. Montoya       |        | T. Mancos             |  | T. McCracken     |
| T. San Andres      | 5023 | T. Simpson       |        | T. Gallup             |  | T. Ignacio Otzte |
| T. Glorieta        | 6425 | T. McKee         |        | Base Greenhorn        |  | T. Granite       |
| T. Paddock         |      | T. Ellenburger   |        | T. Dakota             |  | T.               |
| T. Blinebry        |      | T. Gr. Wash      |        | T. Morrison           |  | T.               |
| T. Tubb            | 7610 | T. Delaware Sand |        | T. Todilto            |  | T.               |
| T. Drinkard        | 7740 | T. Bone Springs  |        | T. Entrada            |  | T.               |
| T. Abo             | 8265 | T.               |        | T. Wingate            |  | T.               |
| T. Wolfcamp        | 9570 | T.               |        | T. Chinle             |  | T.               |
| T. Penn            |      | T.               |        | T. Permian            |  | T.               |
| T. Cisco (Bough C) |      | T.               |        | T. Penn "A"           |  | T.               |

**OIL OR GAS SANDS OR ZONES**

**OIL OR GAS SANDS OR ZONES**

|                                                        |                         |
|--------------------------------------------------------|-------------------------|
| No. 1, from 12,955 (12,945 TVD) to 13,053 (13,043 TVD) | No. 3, from.....to..... |
| No. 2, from.....to.....                                | No. 4, 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.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness<br>in Feet | Lithology | From | To | Thickness<br>in Feet | Lithology |
|------|----|----------------------|-----------|------|----|----------------------|-----------|
|      |    |                      |           |      |    |                      |           |