

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|              |  |
|--------------|--|
| DISTRIBUTION |  |
| SANTA FE     |  |
| FILE         |  |
| U.S.O.S.     |  |
| LAND OFFICE  |  |
| OPERATOR     |  |

|                              |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| Type of Lease                | State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | E-1075                                                                 |

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  
ARCO State

2. Name of Operator  
Bliss Petroleum, Inc.

3. Address of Operator  
P. O. Box 1817, Hobbs, NM 88240

9. Well No.  
1-Y

10. Field and Pool, or Wildcat  
Dean Devonian

4. Location of Well  
UNIT LETTER E LOCATED 2310 FEET FROM THE North LINE AND 930 FEET FROM West

12. County  
Lea

THE West LINE OF SEC. 35 TWP. 15S RGE. 36E NMPM

15. Date Spudded  
6-30-85

16. Date T.D. Reached  
8-17-85

17. Date Compl. (Ready to Prod.)  
11-25-85

18. Elevations (DF, RKB, RT, GR, etc.)  
3861.5 GL 3880 KB

19. Elev. Casinghead  
3862 KB

20. Total Depth  
13,788'

21. Plug Back T.D.  
13,707'

22. If Multiple Compl., How Many

23. Intervals Drilled By  
Rotary Tools ☒ Cable Tools ☐

24. Producing Interval(s), of this completion - Top, Bottom, Name  
13,692-13,697 Devonian

25. Was Directional Survey Made  
NO

26. Type Electric and Other Logs Run  
DIL-SFL, CNL-FDC, EP, & NGT

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 |
| 20"                                                | 169            | 217'      | 26"       | 575 sx - circ.            |               |
| 13 3/8"                                            | 61             | 2052'     | 17 1/2"   | 1600 sx - circ.           |               |
| 8 5/8"                                             | 32             | 4842'     | 11"       | 1450 sx - 2 stage - circ. |               |
| 5 1/2"                                             | 23 & 17        | 13,788'   | 7 7/8"    | 2250 sx - 2 stage         |               |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2 7/8             | 6158'     |            |

31. Perforation Record (Interval, size and number)

13,692-722 & 737-742' (1/2" holes - 70)

13,671-673 & 680 - 683' (1/2" holes - 14)

13,692-697 (1/2" holes - 20)

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

| DEPTH INTERVAL       | AMOUNT AND KIND MATERIAL USED       |
|----------------------|-------------------------------------|
| 13,692-722 & 737-742 | Perf'd w/70-SSBII chgs              |
| 13,692-722 & 737-742 | Acidz w/1050 gals 15% MCA acid w/BS |
| 13,692-722 & 737-742 | Sqzd w/167 sx C1 "H" + add          |

33. PRODUCTION

Date First Production  
8-27-85

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

Well Status (Prod. or Shut-in)  
Shut-in

|                         |                       |                               |                               |                  |                     |                                 |                      |
|-------------------------|-----------------------|-------------------------------|-------------------------------|------------------|---------------------|---------------------------------|----------------------|
| Date of Test<br>12-1-85 | Hours Tested<br>24    | Choke Size<br>Open-2"         | Prod'n. For Test Period<br>19 | Oil - Bbl.<br>NM | Gas - MCF<br>458    | Water - Bbl.<br>458             | Gas - Oil Ratio<br>- |
| Flow Tubing Press.<br>- | Casing Pressure<br>25 | Calculated 24-Hour Rate<br>19 | Oil - Bbl.<br>NM              | Gas - MCF<br>458 | Water - Bbl.<br>458 | Oil Gravity - API (Conn.)<br>48 |                      |

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

Test Witnessed By  
Carmelita Nash

35. List of Attachments  
Continuation of Block No. 32. Logs have already been sent to NMOCB-Hobbs

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.

*Paul Bliss*

President

DATE 12-30-85

\*"32" continued on next page.

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 30 days after the completion of any newly-drilled or deepened well. It is to be completed by one copy of all electrical and radio-activity logs run on the well and a summary of all test results completed, including, but not limited to, all depths tested, shut-in and secured 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 _____ 2033       | T. Canyon _____          | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____ 2950       | T. Strawn _____ 11,460   | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____           | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____ 3133      | T. Miss _____ 12,262     | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____ 13,566 | T. Menefee _____            | T. Madison _____       |
| T. Queen _____           | T. Silurian _____        | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____         | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____ 4803 | T. Simpson _____         | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta _____ 6512   | T. McKee _____           | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____     | T. Dakota _____             | T. _____               |
| T. Blinebry _____        | T. Gr. Wash _____        | T. Morrison _____           | T. _____               |
| T. Tubb _____ 7634       | T. Granite _____         | T. Todilto _____            | T. _____               |
| T. Drinkard _____        | T. Delaware Sand _____   | T. Entrada _____            | T. _____               |
| T. Abo _____ 8387        | T. Bone Springs _____    | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____ 9723   | T. _____                 | T. Chinle _____             | T. _____               |
| T. Penn. _____ 10,385    | T. _____                 | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____                 | T. Penn. "A" _____          | T. _____               |

## OIL OR GAS SANDS OR ZONES

|                                                      |                            |
|------------------------------------------------------|----------------------------|
| No. 1, from _____ 13,692 _____ to _____ 13,742 _____ | No. 4, from _____ to _____ |
| _____ 13,671 _____ to _____ 13,683 _____             | No. 5, from _____ to _____ |
| No. 2, from _____ to _____                           | No. 6, from _____ to _____ |
| No. 3, 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<br>in Feet | Formation                  | From | To | Thickness<br>in Feet | Formation |
|--------|--------|----------------------|----------------------------|------|----|----------------------|-----------|
| 0      | 2033   | 2033                 | redbed                     |      |    |                      |           |
| 2033   | 2200   | 167                  | anhydrite                  |      |    |                      |           |
| 2200   | 2950   | 750                  | salt                       |      |    |                      |           |
| 2950   | 3133   | 183                  | anhy., salt, & dol.        |      |    |                      |           |
| 3133   | 4803   | 1670                 | dol., anhy., & sd          |      |    |                      |           |
| 4803   | 6512   | 1709                 | dol.                       |      |    |                      |           |
| 6512   | 7634   | 1122                 | silt. stone, dol., & anhy. |      |    |                      |           |
| 7634   | 8387   | 753                  | dol., sd stone             |      |    |                      |           |
| 8387   | 9723   | 1336                 | dol., shale                |      |    |                      |           |
| 9723   | 11460  | 1737                 | lm. shale                  |      |    |                      |           |
| 11460  | 12,262 | 802                  | lm.                        |      |    |                      |           |
| 12,262 | 13,532 | 1270                 | lm.                        |      |    |                      |           |
| 13,532 | 13,566 | 34                   | shale                      |      |    |                      |           |
| 13,566 | 13,788 | 222                  | dolomite                   |      |    |                      |           |

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OCC  
HOBBS OFFICE

32. (cont'd)

| <u>DEPTH INTERVAL</u> | <u>AMOUNT AND KIND MATERIAL USED</u> |
|-----------------------|--------------------------------------|
| 13,671-73 & 13,680-83 | Acidz w/500 gals 15% MCA acid        |
| 13,671-73 & 13,680-83 | Acidz w/750 gals 20% BDA acid        |
| 13,671-73 & 13,680-83 | Sqze w/94 sx Cl 'H' + adds.          |
| 13,692-13,697         | Perf w/20-SSBII chgs                 |
| 13,692-13,697         | Acidz w/750 gals 20% MCA acid        |

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G.C.  
HODGSON OFFICE