

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL ☐ GAS ☒ DRY ☐ Other \_\_\_\_\_  
b. TYPE OF COMPLETION: NEW ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☒ Other \_\_\_\_\_

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS AND TELEPHONE NO.

5525 Highway 64, NBU 3004, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

Unit 0, 828' FSL &amp; 1602' FEL

At top prod. interval reported below

Same as above

At total depth

Same as above

14. PERMIT NO.

DATE ISSUED

DIST. 3

15. DATE SPUDDED

5/14/97

16. DATE T.D. REACHED

5/23/97

17. DATE COMPL. (Ready to prod.)

11/25/98

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)\*

6491'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

8050'

21. PLUG, BACK T.D., MD &amp; TVD

7992'

22. IF MULTIPLE COMPL., HOW MANY\*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

Blanco Mesaverde - 4486' - 5880'

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CCL-CBL

27. WAS WELL CORED

no

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

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---------------------------------|---------------|
| 9-5/8"            | 36#, K-55       | 364'           | 12-1/4"   | 185 sx (222 cf) C1 B            | 11 bbls       |
| 7"                | 20#, J-55       | 3807'          | 8-3/4"    | L-435(957 cf) 35/65 POZ C1 B    | 2 bbls        |
|                   |                 |                |           | T-150 (180 cf) C1 B             |               |
| 4-1/2"            | 11.6# N-80      | 8026'          | 6-1/4"    | L-335(455cf) T-150 sx C1 B      | TOC - 4100'   |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2-3/8" | 7819'          | no              |
|      |          |             |               |             | 4.7#   |                |                 |

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

See attached for perforation details

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| See attached for    | acid and frac details            |

33.\* PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) |                         |            |              |                           | WELL STATUS (Producing or shut-in) |  |
|-----------------------|-----------------|------------------------------------------------------------------------|-------------------------|------------|--------------|---------------------------|------------------------------------|--|
| SI                    |                 | flowing                                                                |                         |            |              |                           | SI                                 |  |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                             | PROD'N. FOR TEST PERIOD | OIL - BBL. | GAS - MCF.   | WATER - BBL.              | GAS - OIL RATIO                    |  |
| 11/22/98              | 1 hr            | 1/2"                                                                   |                         |            | 970 mcf      | plst + mist               |                                    |  |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                                | OIL - BBL.              | GAS - MCF. | WATER - BBL. | OIL GRAVITY - API (CORR.) |                                    |  |
| n/a                   | 155 psi         |                                                                        |                         | 970 mcf    | plst + mist  | NOTED FOR SEA             |                                    |  |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Waiting for approvals.

TEST WITNESSED BY

Drew Bates

35. LIST OF ATTACHMENTS

DEC 09 1998

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Patsy Clugston

TITLE

Regulatory Assistant

DATE

12/7/98

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

| FORMATION       | TOP  | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP         |                  |
|-----------------|------|--------|-----------------------------|------|-------------|------------------|
|                 |      |        |                             |      | MEAS. DEPTH | TRUE VERT. DEPTH |
| Ojo Alamo       | 2700 | 3150   | Sandstone                   |      |             |                  |
| Fruitland       | 3150 | 3400   | Shale & Sandstone           |      |             |                  |
| Pictured Cliffs | 3400 | 3650   | Marine Sands                |      |             |                  |
| Lewis Shale     | 3650 | 5390   | Shale                       |      |             |                  |
| Cliff House     | 5390 | 5445   | Sandstone & Shale           |      |             |                  |
| Menefee         | 5445 | 5675   | Sandstone & Shale           |      |             |                  |
| Pt Lookout      | 5675 | 6190   | Sandstone & Shale           |      |             |                  |
| Mancos          | 6190 | 6390   | Shale                       |      |             |                  |
| Gallup          | 6390 | 7670   | Sandstone & Shale           |      |             |                  |
| Greenhorn       | 7670 | 7718   | Limestone & Shale           |      |             |                  |
| Graneros        | 7718 | 7850   | Shale                       |      |             |                  |
| Dakota          | 7850 | 8050   | Sandstone & Shale           |      |             |                  |

**San Juan 30-5 72E**  
**SF-078997; API – 30-039-25676**  
**Unit O, 828' FSL & 1602', FEL**  
**Section 10, T30N, R5W; Rio Arriba County, NM**

**Perforation detail:**

Perf'd Lower Mesaverde interval (.31" dia 120 deg. phased holes) as follows:

5880', 5864', 5838', 5808', 5781', 5758', 5745', 5727', 5725', 5723', 5721', 5719',  
5708', 5695', 5692', 5689', 5677', 5671', 5632', 5588', 5549', 5545', 5521', 5507',  
5502', 5498', **Total 26 Holes**

Perf'd Lewis Shale interval @ 1 spf (.38") 120 degree phased holes as follows:

|                     |                     |                       |                     |
|---------------------|---------------------|-----------------------|---------------------|
| 4830' – 4833' (3'); | 4786' – 4789' (3'); | 4752' – 4755' (3');   | 4729' – 4732' (3'); |
| 4723' – 4726' (3'); | 4657' – 4660' (3'); | 4651' – 4654' (3');   | 4605' – 4608' (3'); |
| 4601' – 4604' (3'); | 4596' – 4599' (3'); | 4590' – 4593' (3');   | 4539' – 4542' (3'); |
| 4501' – 4504' (3'); | 4486' – 4489' (3'); | <b>Total 42 Holes</b> |                     |

**Acidized**

Lower Mesaverde interval:

Pumped 1100 gals 1500 HCL & ballsealers.

Lewis Shale interval:

Pumped 1500 gals 1500 HCL & ballsealers.

**Frac'd**

Frac'd Lower Mesaverde interval (5498' – 5880'). Pumped 108,000 gal 60 Quality N2 30# Linear foam w/208,000 # 20/40 Brady sand. Total N2 – 1,191,000 scf, Total fluid to recover 960 bbls.

Frac'd Lewis Shale interval; (4486' – 4833') Pumped 73,230 gal 60 Quality N2 30# X-link Borate foam w/203,640 # 20/40 Brady sand. Total N2 – 832,000 scf. Total fluid to recover 732 bbls.