

**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

5. LEASE DESIGNATION AND SERIAL NO.  
**NMLC-030187**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
**C. E. LAMUNYON #54**

9. API WELL NO.  
**30-025-33252**

10. FIELD AND POOL, OR WILDCAT  
**TEAGUE BLINEBRY**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

**22, T23S, R37E**

12. COUNTY OR PARISH  
**Lea**

13. STATE  
**NM**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐ **APR 6 10 00 AM '96**

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. SERV. ☐ OTHER ☐

2. NAME OF OPERATOR  
**ARCH PETROLEUM INC.**

3. ADDRESS AND TELEPHONE NO.  
**10 DESTA DRIVE, SUITE 420E, MIDLAND, TX 79705 (915) 685-1961**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
**At surface 1300' FNL & 660' FWL OF SECTION**

**At top prod. interval reported below**

**At total depth**

14. PERMIT NO. **1** DATE ISSUED **1/10/96**

15. DATE SPUDDED **2/4/96** 16. DATE T.D. REACHED **2/16/96** 17. DATE COMPL. (Ready to prod.) **2/23/96** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **GE=3292', KB=3305'** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **6005'** 21. PLUG BACK T.D., MD & TVD **5953'** 22. IF MULTIPLE COMPL., HOW MANY\* **1** 23. INTERVALS DRILLED BY **X** CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* **5419'-5847' BLINEBRY** 25. WAS DIRECTIONAL SURVEY MADE **NO**

26. TYPE ELECTRIC AND OTHER LOGS RUN **GR-CDL-CNL-CL, GR-DLL, GR-BHC-SONIC-CL** 27. WAS WELL CORRED **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 |
|-------------------|-----------------|----------------|-----------|---------------------------------|---------------|
| 8-5/8"            | 32#             | 1068'          | 12-1/4"   | 600 sx, Circ 85 sx              |               |
| 5-1/2"            | 15.5"           | 6005'          | 7-7/8"    | 1250 sx, Circ 150 sx            |               |
|                   |                 |                |           |                                 |               |
|                   |                 |                |           |                                 |               |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
|                  |          |             |               |             | 2-3/8"            | 5249'          |                 |
|                  |          |             |               |             |                   |                |                 |

| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                |  |  |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|------------------------------------------------|-------------------------------------------------------------------|
| 5419', 5429', 5463', 5532', 5544', 5562', 5573', 5593', 5613', 5633', 5640', 5653', 5691', 5706', 5744', 5763', 5808', 5847', (18', 4-0.45" JHPF, 72 holes total) |  |  |  | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED                                  |
|                                                                                                                                                                   |  |  |  | 5419'-5847'                                    | 3,700 gal 15% NEFE                                                |
|                                                                                                                                                                   |  |  |  | 5419'-5847'                                    | 85,000 gal 40# gel w/65-50% CO2 + 249,000# 16/30 mesh Jordan sand |
|                                                                                                                                                                   |  |  |  |                                                |                                                                   |

| 33. PRODUCTION                          |                           |                                                                                                                 |                                      |                        |                          |                                                        |                              |
|-----------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------|--------------------------|--------------------------------------------------------|------------------------------|
| DATE FIRST PRODUCTION<br><b>2/23/96</b> |                           | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br><b>Pumping w/2"x1-1/2"x18' Rod Pump</b> |                                      |                        |                          | WELL STATUS (Producing or shut-in)<br><b>Producing</b> |                              |
| DATE OF TEST<br><b>3/5/96</b>           | HOURS TESTED<br><b>24</b> | CHOKE SIZE                                                                                                      | PROD'N. FOR TEST PERIOD<br><b>56</b> | OIL—BBL.<br><b>56</b>  | GAS—MCF.<br><b>181</b>   | WATER—BBL.<br><b>118</b>                               | GAS-OIL RATIO<br><b>3232</b> |
| FLOW. TUBING PRESS.                     | CASING PRESSURE           | CALCULATED 24-HOUR RATE<br><b>56</b>                                                                            | OIL—BBL.<br><b>56</b>                | GAS—MCF.<br><b>181</b> | WATER—BBL.<br><b>118</b> | OIL GRAVITY-API (CORR.)<br><b>38.6</b>                 |                              |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Sold** TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
**GR-CDL-CNL-CL, GR-DLL, GR-BHC-SONIC-CL**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED **Barrie Brooks** TITLE **Production Analyst** DATE **3/5/96**

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

## GEOLOGIC MARKERS

APR 1986  
Received  
Hobbs  
OCD