

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved,  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM 3606

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lake Shore Fed. Com 10 #2

9. ~~Lake Shore Fed. Com~~

#2

10. FIELD AND POOL, OR WILDCAT

Burton Flat Morrow

11. SEC. T. R. M., ON BLOCK AND SURVEY  
OR AREA NM prime Meridian

10 T21S R26E

12. COUNTY OR  
PARISH

Eddy

13. STATE

NM

1a. TYPE OF WELL:

OIL  
WELL ☐

GAS  
WELL ☒

DRY ☐

Other ☐

b. TYPE OF COMPLETION:

NEW  
WELL ☒

WORK  
OVER ☐

DEEP-  
EN ☐

PLUG  
BACK ☐

DIFF.  
REVR. ☐

Artesia, NM

10-2834

2. NAME OF OPERATOR

Bonneville Fuels Corporation

3. ADDRESS OF OPERATOR

1660 Lincoln Street, Ste 2200 Denver CO 80264

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

At surface 1750' FSL, 660' FEL, Sec 10 T21S R26E

At top prod. Interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

1/21/98

16. DATE T.D. REACHED

3/04/98

17. DATE COMPL. (Ready to prod.)

5/26/98

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

3180'

19. ELEV. CASINGHEAD

Same

20. TOTAL DEPTH, MD & TVD

11,348

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

9790'

22. IF MULTIPLE COMPL.,

HOW MANY\*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

9724-9769' Strawn

JUL 0 1 1998

25. WAS DIRECTIONAL  
SURVEY MADE

n

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL-MCFL/GR/CAL; CNL/TLD-GR/CAL

27. WAS WELL CORED

yes

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD          | AMOUNT PULLED    |
|-------------|-----------------|----------------|-----------|---------------------------|------------------|
| 13 3/8      | 54.5            | 471            | 17 1/2    | 200 sx Cl-G +ADD; 250 sx  | Lite; 350sx Cl-C |
| 8 5/8       | 32              | 2,276          | 11        | 300 sx Cl-C + Add; 450 sx | interfill C +    |
|             |                 |                |           | 300 sx Cl-C + 150 sx Cl-C |                  |
| 5 1/2       | 17              | 11,344         | 7 7/8     | 585 sx Cl-H + 550 sx Cl-C | + 280 sx Cl-H +  |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE  | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|-------|----------------|-----------------|
|      |          |             |               |             | 2 7/8 | 9043           | 9035'           |

31. PERFORATION RECORD (Interval, size and number)

9724-36; 9755-63'; 9769-77' 36 holes .36"

9842-45; 9925-28; 9935-38; 9943-52' 90 holes .36"

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                              |
|---------------------|---------------------------------------------------------------|
| 9724-9777'          | 22Kgal+61K#20/40 + 104T Co <sub>2</sub> + 421M N <sub>2</sub> |
| 9842-9845'          | 500 gal 15% HCL                                               |
| 9925-9952'          | 2.6K Galacide+339.7K gal Gel + 40K#                           |
|                     | 20/40 sd Plug @ 9814'                                         |

33.\* PRODUCTION

|                                          |                 |                                                                                          |                         |          |            |                                            |               |
|------------------------------------------|-----------------|------------------------------------------------------------------------------------------|-------------------------|----------|------------|--------------------------------------------|---------------|
| DATE FIRST PRODUCTION<br>5/30/98 6/15/98 |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing Gas Well |                         |          |            | WELL STATUS (Producing or shut-in)<br>WOPL |               |
| DATE OF TEST                             | HOURS TESTED    | CHOKE SIZE                                                                               | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                                 | GAS-OIL RATIO |
| 5/26/98                                  | 6               | 1/2"                                                                                     | →                       | 8        | 723        | 11                                         | 90410         |
| FLOW. TUBING PRESS.                      | CASING PRESSURE | CALCULATED 24-HOUR RATE                                                                  | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)                    |               |
| 830                                      | Same            | →                                                                                        | 32                      | 6893     | 44         | 63.8                                       |               |

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

Flared

CAOF @ 5400 MCFD Gas Grav. .72

TEST WITNESSED BY

R. A. Schwering & J. Rice

35. LIST OF ATTACHMENTS

Test Report, AOF Calculation, Gas Analysis, Oil Analysis, Logs

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

SIGNED

*R. A. Schwering*

TITLE R. A. Schwering, P. E.

DATE 6/08/98

\*(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):

| FORMATION        | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC. | GEOLOGIC MARKERS |             |                  |
|------------------|-------|--------|-----------------------------|------------------|-------------|------------------|
|                  |       |        |                             | NAME             | MEAS. DEPTH | TRUE VERT. DEPTH |
| Cherry Canyon    | 2346  |        |                             |                  |             |                  |
| Bone Springs     | 4366  |        |                             |                  |             |                  |
| 3rd Bone Springs | 7978  |        |                             |                  |             |                  |
| Wolfcamp         | 8342  |        |                             |                  |             |                  |
| Cisco            | 9312  |        |                             |                  |             |                  |
| Canyon           | 9501  |        |                             |                  |             |                  |
| Strawn           | 9719  |        |                             |                  |             |                  |
| Atoka            | 9963  |        |                             |                  |             |                  |
| Morrow 'B'       | 10692 |        |                             |                  |             |                  |
| Barnett          | 11019 |        |                             |                  |             |                  |

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