

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED
SUBMIT IN DUPLICATE
(See other instructions on reverse side)

MAY 26 2009

FOR APPROVED
OMB NO 1004-0137

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO

SF-043260-A

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT NAME

8 FARM OR LEASE NAME, WELL NO.

Lackey 100

9. API WELL NO.

30-045-34844

10 FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 33 T30N R11W, NMPM

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 ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF RESVR ☐ Other ☐

2. NAME OF OPERATOR

BURLINGTON RESOURCES OIL & GAS COMPANY

3 ADDRESS AND TELEPHONE NO.

PO BOX 4289, Farmington, NM 87499 (505) 326-9700

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

At surface Unit O (SWSE) 1280' FSL, 1785' FEL

At top prod. interval reported below

Same as above

At total depth

Same as above

14. PERMIT NO.

DATE ISSUED

12 COUNTY OR
PARISH

San Juan

13. STATE

New Mexico

15 DATE SPUDDED

2/23/09

16. DATE T.D. REACHED

3/5/09

17 DATE COMPL. (Ready to prod.)

5/14/09

18. ELEVATIONS (OF, RKB, RT, BR, ETC)*

GL 5901'

KB 5912'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

2431'

21. PLUG, BACK T D, MD & TVD

2373'

22 IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

yes

CABLE TOOLS

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

Basin Fruitland Coal 1902' - 2148'

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CNL

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 |
|-------------------|---------------|----------------|-----------|---------------------------------|---------------|
| 7" | 20# J-55 | 133' | 8 3/4" | surface; 26 sx (41 cf) | 1/2 bbl |
| 4 1/2" | 10.5# J-55 | 2416' | 6 1/4" | TOC Surface; 240 sx(510 cf) | 30 bbls |



29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|------------------|----------------|-----------------|
| | | | | | 2 3/8" 4.7# J-55 | 2211' | |

30. TUBING RECORD

| PERFORATION RECORD (Interval, size and number) | ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |
|--|---|
| LFC .42" @ 3 spf 2096' - 2100', 2134' - 2148' = 54 holes | 2096' - 2148' A/500 bbls 15% formic acid. Frac w/23,436 gals 25# linear 75% N2 foam, w/49,500# 20/40 AZ Sand. N2 = 798,576 SCF |
| UFC .37" - .40" @ 2 spf 1902' - 1905', 1912' - 1916', 1920' - 1924', 1942' - 1950' = 38 holes @ 3 spf 2009' - 2017', 2058' - 2064' = 42 holes total holes = 134 | 1902' - 2064' A/10 bbls 15% HCL. Frac w/36,498 gals 20# linear 70% N2 foam, w/101,377# 20/40 AZ Sand N2 = 1,324,926 |

33.

| DATE FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) | | | | | WELL STATUS (Producing or shut-in) | |
|-----------------------|-----------------|---|---|----------|-------------|-------------------------|------------------------------------|--|
| SI W/O Facilities | | Pump | | | | | SI | |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N FOR TEST PERIOD | OIL--BBL | GAS--MCF | WATER--BBL | GAS-OIL RATIO | |
| 5/13/09 | 1 | 1/2" |  | 0 bopd | 3.29 mcfh | TSTM | | |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL--BBL | GAS--MCF | WATER--BBL | OIL GRAVITY-API (CORR.) | | |
| Rods | SI - 320# |  | 0 bopd | 79 mcf/d | 1.125 bwp/d | | | |

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

This well is a Basin Fruitland Coal stand-alone.

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

SIGNED

TITLE

Regulatory Technician

DATE

5/20/2009

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ACCEPTED FOR RECORD

MAY 27 2009

NMOCD

FARMINGTON FIELD OFFICE

RCVD MAY 29 '09
OIL CONS. DIV.
DIST. 3

| API # 30-045-34844 | | | Lackey 100 | | |
|----------------------|-------|-------|--|------------------|-------|
| Ojo Alamo | 819' | 956' | White, cr-gr ss. | Ojo Alamo | 819' |
| Kirtland | 956' | 1741' | Gry sh interbedded w/tight, gry, fine-gr ss. | Kirtland | 956' |
| Fruitland | 1741' | 2175' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. | Fruitland | 1741' |
| Pictured Cliffs | 2175' | | Bn-Gry, fine grn, tight ss. | Pic.Cliffs | 2175' |
| Lewis | | | Shale w/siltstone stringers | Lewis | |
| Huerfanito Bentonite | | | White, waxy chalky bentonite | Huerfanito Bent. | |
| Chacra | | | Gry fn grn silty, glauconitic sd stone w/drck gry shale | Chacra | |
| Mesa Verde | | | Light gry, med-fine gr ss, carb sh & coal | Mesa Verde | |
| Menefee | | | Med-dark gry, fine gr ss, carb sh & coal | Menefee | |
| Point Lookout | | | Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation | Point Lookout | |
| Mancos | | | Dark gry carb sh. | Mancos | |
| Gallup | | | Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh | Gallup | |
| Greenhorn | | | Highly calc gry sh w/thin lmst. | Greenhorn | |
| Graneros | | | Dk gry shale, fossil & carb w/pyrite incl. | Graneros | |
| Dakota | | | Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks | Dakota | |
| Morrison | | | Interbed grn, brn & red waxy sh & fine to coarse grn ss | Morrison | |