

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SUBMIT IN DUPLICATE

APR 06 2011

FOR APPROVED
OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NM-02758

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Murphy D 100S

9. API WELL NO.

30-045-34856

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 27, T30N, R11W

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

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 L (NWSW), 1732' FSL & 815' FWL

At top prod. interval reported below L (NWSW), 1763' FSL & 694' FWL

At total depth L (NWSW), 1763' FSL & 694' FWL

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPURRED

4/17/2009

16. DATE T.D. REACHED

1/22/2011

17. DATE COMPL. (Ready to prod)

3/23/2011

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

GL 5995' KB 6010'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

MD 2550' TVD 2545'

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

MD 2487' TVD 2482'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

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

Basin Fruitland Coal 2130' - 2307'

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/GSL

27. WAS WELL CORED

No

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" / J-55	20#	133'	8 3/4"	Surface, 34sx (55cf-10bbbls)	3 bbbls
4 1/2" / J-55	10.5#	2541'	6 1/4"	Surface, 227sx(461cf-82bbbls)	30 bbbls

LINER RECORD				TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8", 4.7#, J-55	2312'	

31. PERFORATION RECORD (Interval, size and number)

Lower Fruitland Coal w/ .40" diam.

3SPF @ 2258' - 2262'

2SPF @ 2298' - 2307'

Upper Fruitland Coal w/ .40" diam.

3SPF @ 2130' - 2136'

2SPF @ 2186' - 2229'

Fruitland Coal Total Holes = 86

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

2258' - 2307'

Acidize w/ 12bbbls 10% Formic Acid. Frac w/ 46,700gals 75% 25# Quality Gel Foam w/ 39,640# of 20/40 Brady Sand. N2:582,900SCF

2130' - 2229'

Acidize w/ 12bbbls 10% Formic Acid. Frac w/ 91,560gals 75% 25# Quality Gel Foam w/ 74,880# of 20/40 Brady Sand. N2:1,118,200SCF

33. PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)		WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION	N/A	FLOWING		SI	

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
3/23/2011	1 hr.	1/2"		0	14 mcf/h	2 bwph	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
SI - 80psi	SI - 407psi		0	330 mcf/d	36 bwph		

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED Capital Talara TITLE Staff Regulatory Technician DATE 4/5/2011

*(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.

NMOCD

FARMINGTON FIELD OFFICE

5m

RCVD APR 14 11
OIL CONS. DIV.
DIST. 3

APR 12 2011

ACCEPTED FOR RECORD

API # 30-045-34856	Murphy D 100S			
Ojo Alamo	942'	1068'	White, cr-gr ss.	Ojo Alamo 942'
Kirtland	1068'	1912'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland 1068'
Fruitland	1912'	2332'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland 1912'
Pictured Cliffs	2332'	2550'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs 2332'
Lewis			Shale w/siltstone stringers	Lewis
Huerfano Bentonite			White, waxy chalky bentonite	Huerfano Bent.
Chacra			Gry fn grn silty, glauconitic sd stone w/drak 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

R