

RECEIVED

Form 3160-4
(October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

FOR APPROVED
OMB NO 1004-0137

SEP 26 2011

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NUMBER **Farmington Field Office**
SF-078097 Bureau of Land Management

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 ☐

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT NAME
HEATON 7

8 FARM OR LEASE NAME, WELL NO
100S

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 **C (NENW), 740' FNL & 1495' FWL**

At top prod. interval reported below **C (NENW), 786' FNL & 1612' FWL**

At total depth **C (NENW), 786' FNL & 1612' FWL**

9 API WELL NO.

30-045-35096

10 FIELD AND POOL, OR WILDCAT

WILDCAT FRUITLAND SAND

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

Section 29, T31N, R11W

14 PERMIT NO DATE ISSUED

12 COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUNDED

12/10/10

16 DATE T.D. REACHED

1/12/11

17 DATE COMPL. (Ready to prod.)

8-23-11 8/16/11 - GRS

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

GL-5953' / KB-5968'

19. ELEV. CASINGHEAD

20 TOTAL DEPTH, MD & TVD

MD-2,683'/TVD-2,678'

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

MD-2,678'/TVD-2,673'

22. IF MULTIPLE COMPL., HOW MANY*

2

23 INTERVALS DRILLED BY

ROTARY TOOLS

yes

CABLE TOOLS

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

WILDCAT FRUITLAND SAND 2,256-2,274'

25 WAS DIRECTIONAL SURVEY MADE

27 WAS WELL CORED

No

26 TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL

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", J-55	20#	225'	8 3/4"	Surface, 51 sx (82cf)	3 bbls
4 1/4", J-55	10.5	2672'	6 1/4"	TOC @ 36', Surface, 253 sx (508cf)	32 bbls

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30 TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8", 4.7#		
J-55	2,461'	

31 PERFORATION RECORD (Interval, size and number)

Wildcat Fruitland Sand w/ .40" diam

3 SPF @ 2,256' - 2,274' = 36 holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

2,256' - 2,274'

Acidize w/ 500 gal 10% Formic Acid. Frac w/ 8,022 gal 20# Linear 70Q N2 foam w/ 50,647# 20/40 Brady Sand. N2: 218,900scf.

DATE FIRST PRODUCTION **8/16/11 - GRS** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) **FLOWING**

WELL STATUS (Producing or shut-in) **SI**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL	GAS-OIL RATIO
8/16/11	1	1/2"		0	7mcf/h	Trace	
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR)	
SI-345psi	SI-350psi		0	164mcf/d	1bw/d		

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

To be sold

TEST WITNESSED BY

35 LIST OF ATTACHMENTS

This is a Basin Fruitland Coal/Wildcat Fruitland Sand being commingled by DHC order #4413.

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

SIGNED

Denise J. Murty

TITLE

Staff Regulatory Technician

DATE

9-23-11

*(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 or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ACCEPTED FOR RECORD

THIS WELL WAS DIRECTIONALLY DRILLED SLIGHTLY TO MITIGATE COLLISION RISKS WITH THE EXISTING WELL AT THIS LOCATION.

SEP 26 2011

NMOCD

FARMINGTON FIELD OFFICE
BY *SW*



API# 30-045*-35096			HEATON 7 100S		
Ojo Alamo	819'	942'	White, cr-gr ss.	Ojo Alamo	819'
Kirtland	942'	2050'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	942'
Fruitland	2050'	2479'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2050'
Pictured Cliffs	2479'	2683'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	2479'
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	

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Expires December 31, 1991RECEIVED
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5 LEASE DESIGNATION AND SERIAL NO. SF-078097	
b TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> Other <input type="checkbox"/>		6 IF INDIAN, ALLOTTEE OR TRIBE NAME	
2 NAME OF OPERATOR Burlington Resources Oil & Gas Company		7 UNIT AGREEMENT NAME HEATON 7	
3 ADDRESS AND TELEPHONE NO PO BOX 4289, Farmington, NM 87499 (505) 326-9700		8 FARM OR LEASE NAME, WELL NO. 100S	
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface C (NENW), 740' FNL & 1495' FWL At top prod. interval reported below C (NENW), 786' FNL & 1612' FWL At total depth C (NENW), 786' FNL & 1612' FWL		9 API WELL NO 30-045-35096	
14 PERMIT NO		12. COUNTY OR PARISH San Juan	
DATE ISSUED		13. STATE New Mexico	
15. DATE SPUNDED 12/20/10	16 DATE T D REACHED 1/12/11	17 DATE COMPL (Ready to prod) 8/23/11	18 ELEVATIONS (DF, RKB, RT, BR, ETC)* GL-5953' / KB-5968'
20 TOTAL DEPTH, MD & TVD MD-2,683'/TVD-2,678'	21 PLUG, BACK T D, MD & TVD MD-2,678'/TVD-2,673'	22 IF MULTIPLE COMPL. HOW MANY* 2	23 INTERVALS DRILLED BY yes
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* BASIN FRUITLAND COAL 2,331' - 2,458'			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 7", J-55	WEIGHT, LB / FT 20#	DEPTH SET (MD) 225'	HOLE SIZE 8 3/4"
TOP OF CEMENT, CEMENTING RECORD Surface, 51 sx (82cf)		AMOUNT PULLED 3 bbls	
4 1/2", J-55	10.5#	2672'	6 1/4"
TOC @ 36', Surface, 253 sx (508cf)		32 bbls	
29 LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
30 TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8", 4.7#	2,461'		
J-55			
31 PERFORATION RECORD (Interval, size and number)			
Lower Fruitland Coal w/ .40" diam 2SPF @ 2,440' - 2,458' = 36 holes Upper Fruitland Coal w/ .40" diam 3SPF @ 2,331' - 2,426' = 51 holes Total FC Holes = 87			
32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
2,440' - 2,458'		Acidize w/ 500 gal 10% Formic Acid. Frac w/ 21,168 gal 25# Linear 75% N2 foam w/ 54,314# 20/40 Brady Sand. N2: 871,200scf.	
2,331' - 2,426'		Acidize w/ 500 gal 10% Formic Acid. Frac w/ 20,538 gal 25# Linear 75% N2 foam w/ 51,519# 20/40 Brady Sand. N2: 840,200scf.	
33 PRODUCTION			
DATE FIRST PRODUCTION N/A	PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) FLOWING		WELL STATUS (Producing or shut-in) SI
DATE OF TEST 8/16/11	HOURS TESTED 1	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD 0
FLOW TUBING PRESS SI-345psi	CASING PRESSURE SI-350psi	CALCULATED 24-HOUR RATE 0	OIL-BBL 36mcf/h
GAS-MCF Trace		WATER-BBL 1bw/d	
34 DISPOSITION OF GAS (Solid, used for fuel, vented, etc) To be sold			
35 LIST OF ATTACHMENTS This is a Basin Fruitland Coal/Wildcat Fruitland Sand being commingled by DHC Order #4413.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Denise Journey	TITLE Staff Regulatory Technician		DATE 9-23-11

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

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SEP 26 2011
FARMINGTON FIELD OFFICE
BY **[Signature]**

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Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito 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	
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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	
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