

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

FEB 12 2015

5. Lease Serial No.

SF-076958

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other ☐
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resv.

Other:

FEB 06 2015

2. Name of Operator

Burlington Resources Oil & Gas Company Farmington Field

8. Lease Name and Well No.

Hare 16N

3. Address

PO Box 4289, Farmington, NM 87499

3a. Phone No. (include area code)
(505) 326-9700

9. API Well No.

30-045-35286-0001

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface

Unit G (SWNE), 1433' FNL & 2358' FEL

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

11/7/2014

15. Date T.D. Reached

11/19/2014

16. Date Completed

1/30/15 GRS

☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

5903' GL

18. Total Depth:

6836'

19. Plug Back T.D.:

6832'

20. Depth Bridge Plug Set:

MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GR/CCL/CBL

22. Was well cored?

☒ No ☐ Yes (Submit analysis)

Was DST run?

☒ No ☐ Yes (Submit report)

Directional Survey?

☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12-1/4"	9 5/8", H-40	32.3#	0	321'	n/a	101sx Type I-II	29	0	8 bbls
8-3/4"	7", J-55	20#-23#	0	4255'	n/a	591sx Prem. Lite	214	0	15 bbls
6-1/4"	4 1/2", L-80	11.6#	0	6834'	n/a	210sx Prem. Lite	76	3000'	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	6771'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Dakota	6708'	6800'	6708'-6800'	.28"	50	open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6708' - 6800'	Acid - 10bbls 15% HCL; Frac-1029bbls 70Q N2 foam w/61,795# 20/40 AZ sand & 2171 mscf N2

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
GRS 1/23/2015		1		trace	60	0.09			flowing
Choke Size 1/2"	Tbg. Press. Flwg. SI 824	Csg. Press. 941	24 Hr. Rate 	Oil BBL 1	Gas MCF 1450	Water BBL 22.5	Gas/Oil Ratio	Well Status	SI

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate 	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

*(See instructions and spaces for additional data on page 2)

NMCCD

FARMINGTON FIELD OFFICE
BY: William Tambekou

FEB 03 2015

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo	1102	1262	White, cr-gr ss	Ojo Alamo	1102
Kirtland	1263	1977	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1263
Fruitland	1978	2351	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1978
Pictured Cliffs	2352	2492	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2352
Lewis	2493	3355	Shale w/ siltstone stringers	Lewis	2493
Huerfanito Bentonite	not present		White, waxy chalky bentonite	Huerfanito Bentonite	not present
Chacra	3356	3989	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3356
Mesa Verde	3990	4101	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3990
Menefee	4102	4667	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4102
Point Lookout	4668	5040	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4668
Mancos	5041	5868	Dark gry carb sh.	Mancos	5041
Gallup	5869	6590	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5869
Greenhorn	6591	6641	Highly calc gry sh w/ thin lmst.	Greenhorn	6591
Graneros	6642	6701	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6642
Dakota	6702	6836	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6702
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

32. Additional remarks (include plugging procedure):

This is a commingled MV/DK well being commingled per DHC 3647AZ

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

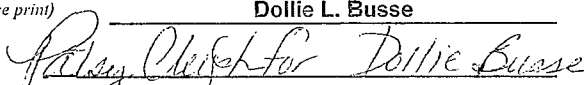
Name (please print)

Dollie L. Busse

Title

Staff Regulatory Technician

Signature



Date

2/5/2015

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.