

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FEB 04 2014

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **NM-02491**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **FEDERAL A 1M**

9. API Well No. **30-045-30910 00 C1**

10. Field and Pool or Exploratory **BASIN DAKOTA**

11. Sec., T., R., M., on Block and Survey **SURFACE: SEC: 27, T30N, R11W**

12. County or Parish **San Juan** 13. State **New Mexico**

17. Elevations (DF, RKB, RT, GL)\* **5951' GL; 5961' KB**

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.

2. Name of Operator **Burlington Resources Oil & Gas Company**

3. Address **PO Box 4289, Farmington, NM 87499** 3a. Phone No. (include area code) **(505) 326-9700**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **UNIT G (SWNE) 1555' FNL & 1845' FEL**  
At top prod. Interval reported below **SAME AS ABOVE**  
At total depth **SAME AS ABOVE**

14. Date Spudded **6/14/2004** 15. Date T.D. Reached **2/3/2005** 16. Date Completed  D & A  Ready to Prod. **12/31/13 GRS**

18. Total Depth: MD **6973'** TVD **6928'** 19. Plug Back T.D.: MD **6928'** TVD **6928'** 20. Depth Bridge Plug Set: MD **6928'** TVD **6928'**

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	228'	n/a	75 sx - Premium Lite	22 bbls	Surface	1 bbl
8 3/4"	7" / J-55	20#	0	4217'		445 sx - Premium Lite	165 bbls	Surface	63 bbls
6 1/4"	4 1/2" / J-55	10.5#	0	6967'	n/a	485 sx - Premium Lite	140 bbls	2250'	n/a
Includes squeezes									

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", 4.7#, J-55	6870'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Dakota	6812	6922	2 spf	.34"	40	open
B) Dakota	6754	6796	1 spf	.34"	10	open
C)						
D) total holes					50	

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Dakota	6812	6922	2 spf	.34"	40	open
B) Dakota	6754	6796	1 spf	.34"	10	open
C)						
D) total holes					50	

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

Depth Interval	Amount and Type of Material
6754' - 6922'	Acidized w/10 bbls 15% HCL; Frac'd w/2521 bbl SlickWater Foam w/40,000# 20/40 Brady Sand

28a. 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
12/31/13 GRS	1/17/2014	1hr.	→	trace	24 mcf/dh	1 bwph			FLOWING
Choke Size	Ibg. Press. Flwg.	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	SI - 658#	700#	→	trace	588 mcf/d	31.5 bwpd			SHUT IN

28b. 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	Ibg. Press. Flwg.	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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.)

**TO BE 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	1004	1103	White, cr-gr ss	Ojo Alamo	1004	1004
Kirtland	1103	2000	Gry sh interbedded w/tight, gry, fine-gr ss. Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Kirtland	1103	1103
Fruitland	2000	2347	Bn-Gry, fine gm, tight ss.	Fruitland	2000	2000
Pictured Cliffs	2347	2498	Shale w/ siltstone stringers	Pictured Cliffs	2347	2347
Lewis	2498	3347	White, waxy chalky bentonite	Lewis	2498	2498
Huerfanito Bentonite	3080	3900	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Huerfanito Bentonite	3080	3080
Chacra	3347	3900	Light gry, med-fine gr ss, carb sh & coal	Chacra	3347	3347
Mesa Verde	3900	4057	Med-dark gry, fine gr ss, carb sh & coal	Mesa Verde	3900	3900
Menefee	4057	4649	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Menefee	4057	4057
Point Lookout	4649	5008	Dark gry carb sh.	Point Lookout	4649	4649
Mancos	5008	5871	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Mancos	5008	5008
Gallup	5871	6632	Highly calc gry sh w/ thin fmst.	Gallup	5871	5871
Greenhorn	6632	6688	Dk gry shale, fossil & carb w/ pyrite incl.	Greenhorn	6632	6632
Graneros	6688	6751	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Graneros	6688	6688
Dakota	6751		Interbed gm, brn & red waxy sh & fine to coard gm ss	Dakota	6751	6751

32. Additional remarks (include plugging procedure):

**This is a MV/DK well being commingled per DHC 3848AZ**

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) Denise Journey Title Regulatory Technician  
 Signature *Denise Journey* Date 1/20/2014

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.



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	

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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) Denise Journey Title Regulatory Tech.  
 Signature *Denise Journey* Date 1/17/2014

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