

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 13 2013

Farmington Field Office
Bureau of Land ManagementFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

MDA 701-98-0013, Tract1

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Reserv.,
☒ Other **Horizontal. Record Clean-up**6. If Indian, Allottee or Tribe Name
Jicarilla Apache

7. Unit or CA Agreement Name and No.

2. Name of Operator

Black Hills Gas Resources, Inc.

8. Lease Name and Well No.

Jicarilla 29-2-16 #4

3. Address

3200 N 1st Street, Bloomfield, NM 87413

3a. Phone No. (include area code)

(505) 634-5104

9. AFI Well No.

30-039-27462

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

At surface **685' FNL & 690' FWL (NWNW) Unit D**

At top prod. interval reported below

At total depth **1925' FNL & 660' FEL (SENE)**10. Field and Pool or Exploratory
East Blanco, Pictured Cliff11. Sec., T., R., M., on Block and
Surveyor Area
Sec. 16 T29N R2W

12. County or Parish

Rio Arriba

13. State

NM

14. Date Spudded

7/13/2003

15. Date T.D. Reached

3/5/2004

16. Date Completed

☐ D&A ☒ Ready to Prod. **3/15/04**

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

7248GL, 7261'KB

18. Total Depth:

MD **7355'**TVD **3520'**

19. Plug Back T.D.:

MD **7355'**TVD **3520'**

20. Depth Bridge Plug Set:

MD

TVD

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

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	8-5/8 K-55	24	0	283'		171sx & Type III	52	Surf: Circ 20bbl	
7-7/8	5-1/2 K-55	15.5	0	3874'	2602'	Stg1: 294sx 50/50POZ	75	2820'(CBL)	
						Stg2: 876sx 50/50POZ	223	Surf: Circ 63bbl	
4-3/4	2-7/8		3425'	4508'		Open Hole			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8	3425							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A Pictured Cliffs	3544'	7355'	3531-7355			Open Hole
B						
C						
D						

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

Depth Interval	Amount and Type of Material

28. Production - Interval A

Date First Produce	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
3/15/04	3/17/04	24	→	0	800	48			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 HR. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					Producing	

28a. Production - Interval B

Date First Produce	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)

ACCEPTED FOR RECORD

NMOC

FARMINGTON FIELD OFFICE
FEB 13 2013

28a. Production - Interval C

Date First Produce	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	
			→						

28a. Production - Interval d

Date First Produce	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.)

Solid

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests 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
				San Jose	Surface
				Nacimiento	2015
				Ojo Alamo	3158
				Kirtland	3392
				Fruitland	3412
				Pictured Cliffs	3544
				Lewis	3664

32. Additional remarks (include plugging procedure):

Hole in the Surface Casing
Whipstock was set at 3531'

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) **Daniel Manus**Title **Regulatory Technician**

Signature

Date **02/13/13**

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.

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