

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED
SEP 29 2008OMB NO. 1004-0137
Expires: November 30, 2000WELL COMPLETION OR RECOMPLETION REPORT AND LOG
Farmington Field Office5 Lease Serial No.
MDA 701-98-0013, Tract 41a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other
b. Type of Completion. ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.
Other.6 If Indian, Allottee or Tribe Name
Jicarilla Apache Tribe7 Unit or CA Agreement Name and No
Report to lease8. Lease Name and Well No.
JICARILLA 29-02-09 #143

2. Name of Operator

Black Hills Gas Resources, Inc. c/o Mike Pippin LLC (Agent)

3. Address

3104. N. Sullivan, Farmington, NM 87401

3a. Phone No (include area code)

505-327-4573

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

At surface

500' FSL & 1650' FEL Unit (O) Sec. 9, T29N, R2W

At top prod. interval reported below

939' FSL & 2137' FWL Unit (N) Sec. 9, T29N, R2W

At total depth

2306' FSL & 2413' FEL Unit (J) Sec. 8, T29N, R2W ✓

14. Date Spudded

08/16/08

15. Date T.D. Reached

09/12/08

16. Date Completed

☐ P & A ☒ Ready to Prod.

09/26/08

9 API Well No

30-039-30080-0001

10 Field and Pool, or Exploratory

East Blanco Pictured Cliffs

11. Sec., T., R., M., or Block and

Survey or Area O 9 T29N R2W

12. County or Parish

Rio Arriba

13 State

NM

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

7365' GL & 7377' KB

18. Total Depth: MD

9509'

TVD

19. Plug Back T.D.: MD

9509'

TVD

3718'

20. Depth Bridge Plug Set: MD

TVD

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

Mud Log / CBL

22. Was well cored? ☒ No ☐ Yes (Submit copy)Was DST run? ☒ No ☐ Yes (Submit copy)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 Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48# H-40	0'	266'		325, G	105	0' - circ	0'
8-3/4"	7" J-55	23#	0'	MD4868'		400, POZ	100 DVE	2385', TOC 300'	0'
					2300' ✓	660, G	342	0' - circ	0'
12-1/4"	1.9" J-55	2.76# IJ	0'	2564'		Parasite string on outside of 7" csg.			0'
6-1/8"	4-1/2"	11.6# J-55	MD4836'	MD9507'		0			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2-3/8"	3708'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Pictured Cliffs	MD4763'	—	11 pre-perf joints	0.94"	308	Open
	3619' - TVD	3769' - TVD	w/28 holes/ft w/tops @			
			MD9465', 9003', 8540', 8077',			
			7615', 7154', 6690', 6229'			

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

5765', 5302', 4838'

Depth Interval	Amount and type of Material
MD 4868' - 9509'	Horizontal PC lateral - No formation stimulation

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
Ready	09/26/08	6	→		493				Flowing
Choke Size	Tbg. Press Flwg. PSI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
1/2"		300 psi	→		1,971				Shut In

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 reverse side)

ACCEPTED FOR RECORD

SEP 30 2008

FARMINGTON FIELD OFFICE
By J. Salyers

NMOC

BUREAU OF LAND MANAGEMENT
DIST. 3

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 (Sold, used for fuel, vented, etc.)

Vent

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
Pictured Cliffs	3619' TVD	3769' TVD	GAS		MD	TVD
					Surface	
				San Jose	2142'	2142'
				Nacimiento	3276'	3216'
				Ojo Alamo	3665'	3452'
				Kirtland	3906'	3537'
				Fruitland	4763'	3619'
				Pictured Cliffs		

32 Additional remarks (include plugging procedure)

Jicarilla 29-02-09 #143 PC Horizontal Lateral

33 Circle enclosed attachments

1. Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other

36 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) Mike Pippin 505-327-4573 Title Petroleum Engineer (Agent)
Signature  Date September 26, 2008

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