

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED

OMB NO. 1004-0137

Expires: November 30, 2000

5. Lease Serial No.

Tract 4 MDA 701-98-0013

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

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

900' FSL & 2145' FEL Unit (O) Sec. 4, T29N, R2W

At 7" CSG SHOE

1130' FSL & 1891' FWL Unit (N) Sec. 4, T29N, R2W

At top prod. interval reported below

1075' FSL & 2214' FWL Unit (N) Sec. 4, T29N, R2W

At total depth

1912' FSL & 2472' FEL Unit (J) Sec. 5, T29N, R2W

14. Date Spudded

10/31/08

15. Date T.D. Reached

11/18/08

16. Date Completed

☐ P & A ☒ Ready to Prod.
12/09/08

6. If Indian, Allottee or Tribe Name

Jicarilla Apache Tribe

7. Unit or CA Agreement Name and No.

Report to lease

8. Lease Name and Well No.

JICARILLA 29-02-04 #143

9. API Well No.

30-039-30079-0051

10. Field and Pool, or Exploratory

East Blanco Pictured Cliffs

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

Survey or Area O 4 T29N R2W

12. County or Parish

Rio Arriba

13. State

NM

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

7494' GL & 7506' KB

18. Total Depth: MD 8975'
TVD 3825'19. Plug Back T.D.: MD 8975'
TVD 3825'20. Depth Bridge Plug Set: MD
TVD

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

Mud Log

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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8"	32# H-40	0'	282'		150, G	32	0' - circ	0'
8-3/4"	7" J-55	23#	0'	MD4565'	2318'	240, Extend	82	2318'-circ ✓	0'
						325, Extend	92	0'-circ ✓	0'
6-1/8"	4-1/2"	11.6# J-55	MD4498'	MD8975'		0			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"	4402'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	MD4242'	—	10 pre-perf joints	0.75"	280	Open
	3731' - TVD		w/28 holes/jt w/tops @			
			MD8930', 8466', 8002', 7537',			
			7076', 6612', 6142', 5683'			

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

5134', 4585'

Depth Interval

Amount and type of Material

MD 4565'-8975'

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	12/08/08	8	→		0				Flowing
Choke Size	Tbg. Press. Flwg PSI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→		0				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)

OPERATOR

b8

T. Salyers

RWD DEC 12 '08
OIL CONS. DIV.
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	3731' TVD	3881' TVD	GAS	San Jose	MD TVD
				Nacimiento	Surface
				Ojo Alamo	2211' 2211'
				Kirtland	3395' 3347'
				Fruitland	3824' 3610'
				Pictured Cliffs	3994' 3677'
					4242' 3731'

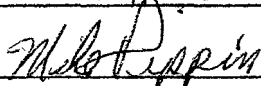
32. Additional remarks (include plugging procedure):

Jicarilla 29-02-04 #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 November 22, 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.