

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.
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 **"Black Hills Permit Clean-up Program"**

6. If Indian, Allottee or Tribe Name
Jicarilla Apache Tribe
7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.
Jicarilla 29-02-17 No.24

3. Address
3104. N. Sullivan, Farmington, NM 87401
3a. Phone No. (include area code)
505-327-4573

9. API Well No.
30-039-29480

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

At surface **1470' FNL & 1085' FEL (SENE) Unit #1**

10. Field and Pool, or Exploratory
East Blanco Pictured Cliffs

At top prod. interval reported below

11. Sec., T., R., M., or Block and
Survey or Area **H 17, T29N, R2W**

At total depth

12. County or Parish **Rio Arriba** 13. State **NM**

14. Date Spudded **02/10/06** 15. Date T.D. Reached **02/15/06** 16. Date Completed ☐ D & A ☒ Ready to Prod. **03/22/06**

17. Elevations (DF, RKB, RT, GL)*
7228' GL & 7241' KB

18. Total Depth: MD **3799'** TVD 19. Plug Back T.D.: MD **3777'** TVD 20. Depth Bridge Plug Set: MD **2730'** TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL, NEUTRON DENSITY, INDUCTION

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24# J-55	0'	327'		200 sx STD	42	0' - circ	0'
7-7/8"	5-1/2"	17# & 15.5# J-55	0'	3799'		445- 65/35 POZ & 150- 50/50 POZ	156 39	0' - circ	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"	3596'	2798'						
		On/Off tool	above pkr					

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	3578'	3609'	3578'-86', 3598'-3601'		34	OPEN
B)			3605'-09'			OPEN
C)						OPEN

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

Depth Interval	Amount and type of Material
3578' - 3609'	Fraced w/75,580# sand in 75Q slick foam

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	03/10/06	7	→		127				Flowing
Choke Size	Tbg. Press. Flwg. PSI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→		436				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

JUN 19 2006

FARMINGTON FIELD OFFICE
BY

WMCCD

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
San Jose	0'	2128'	GAS	San Jose	surface
Nacimiento	2128'	3166'	GAS	Nacimiento	2128'
Ojo Alamo	3166'	3500'	GAS	Ojo Alamo	3166'
Fruitland	3500'	3578'	GAS	Fruitland	3500'
Pictured Cliffs	3578'	3609'	GAS	Pictured Cliffs	3578'

32. Additional remarks (include plugging procedure):

JICARILLA 29-02-17 #24 PC

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 5. 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 May 31, 2006

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.