

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

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other: 2006 JUN 27 PM 9 56
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other: "Black Hills Permit Clean-up Program"

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 1795' FNL & 425' FEL (SE/NE) Unit H

At top prod. interval reported below

At total depth

14. Date Spudded 05/22/05
15. Date T.D. Reached 05/25/05
16. Date Completed ☐ D & A ☒ Ready to Prod 07/22/05

18. Total Depth: MD 3887' TVD
19. Plug Back T.D.: MD 3848' TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
INDUCTION, DENSITY/NEUTRON, CNL, 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
12-1/4"	8-5/8"	24#	0'	267'		175 sx		0' - circ	
7-7/8"	5-1/2"	17#	0'	3885'		750 sx		0' - circ	

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"	3795'	3401'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A Cabresto Canyon Tertiary	0'	3414'	1578' - 1680'	0.44"	56	Open Hole
B Cabresto Canyon Tertiary			2132' - 2224'	0.42"	16	Open Hole
C Cabresto Canyon Tertiary			3178' - 3210'	0.44"	64	SQ w/cmt

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

Depth Interval	Amount and type of Material
1578' - 1680'	Fraced w/54,980# sand in 50Q foam.
2132' - 2224'	Fraced w/20,600# sand in 50Q foam.
3178' - 3210'	Fraced w/93,260# sand in 70Q foam. SQ w/67 cf cmt. Re-SQ w/103 cf cmt. Re-SQ w/138 cf cmt.

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
08/17/05	07/15/05	2	→		13				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"			→		150				Producing

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
08/17/05	07/12/05	4	→		60				Flowing
Choke Size	Tbg Press Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
1/2"			→		362				Producing

(See instructions and spaces for additional data on reverse side)

5. Lease Serial No.
Jicarilla Contract 459

6. If Indian, Allottee or Tribe Name
Jicarilla Apache Tribe

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Jicarilla 459-17 No.24

9. API Well No.
30-039-29324

10. Field and Pool, or Exploratory
Cabresto Canyon Tertiary

11. Sec., T., R., M., or Block and Survey or Area H 17 T30N R3W

12. County or Parish Rio Arriba
13. State NM

17. Elevations (DF, RKB, RT, GL)*
7166' GL & 7179' KB

20. Depth Bridge Plug Set: MD TVD

NMOCD

FARMINGTON FIELD OFFICE

JUN 29 2006

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.)

Sold

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	2066'
				Ojo Alamo	3170'
				Kirtland	3414'
				Fruitland	3596'
				Pictured Cliffs	3738'

32. Additional remarks (include plugging procedure):

JICARILLA 459-17 #24 Tertiary
Flowing up annulus above PKR.

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 *Mike Pippin* Date June 23, 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.