

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.

Contract 459

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

140' FSL & 1110' FWL (M) Sec. 17, T30N, R3W

At top prod. interval reported below

At total depth

14. Date Spudded

05/11/98

15. Date T.D. Reached

05/18/98

16. Date Completed

☐ D & A ☒ Ready to Prod.
01/06/07

6. 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.10

9. API Well No.

30-039-25854

10. Field and Pool, or Exploratory

East Blanco Pictured Cliffs

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

Survey or Area M 17 T30N R3W

12. County or Parish

Rio Arriba

13. State

NM

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

7179' GL & 7192' KB

18. Total Depth: MD 4010'
TVD

19. Plug Back T.D.: MD 3950'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
INDUCTION, DENSITY/NEUTRON, 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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24#	0'	540'		300 sx CI B		0' - circ	
7-7/8"	4-1/2"	10.5#	0'	4004'		660 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"	3837'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	3745'	3835'	3754'-64', 3802'-08'	0.34"	32	Open
B)						
C)						

26. Perforation Record

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

Depth Interval	Amount and type of Material
3754' - 3808'	Fraced down 2-7/8" frac string w/83,000# sand in 75Q 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	12/27/06	2	→		13				Swabbed
Choke Size	Tbg Press Flwg PSI	Csg Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/8"	30		→		153			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)

JAN 25 2007

FARMINGTON FIELD OFFICE

NMOCD

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. PSI	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. PSI	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.)

Vented

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
Tertiary	0'	3450'	GAS	Ojo Alamo	3210'
Pictured Cliffs	3745'	3835'	GAS	Kirtland	3450'
				Fruitland	3650'
				Pictured Cliffs	3745'
				Lewis	3835'

32. Additional remarks (include plugging procedure):

Jicarilla 459-17 #10 PC

Commingled with Tertiary DHC - 2472AZ.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
5. Sundry Notice for plugging and cement verification

2. Geologic Report
5. Core Analysis

3. DST Report
7. Other:

4. Directional Survey

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

January 11, 2007

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.