

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.
Jicarilla Contract 457

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry ☐ Other
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.
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 457-10 No.11

3. Address
3104. N. Sullivan, Farmington, NM 87401

9. API Well No.
30-039-29326

4. Location of Well (Report locations clearly and in accordance with Federal requirements) *
At surface 660' FNL & 660' FWL (NWNW) Unit D

10. Field and Pool, or Exploratory
Cabresto Canyon Tertiary

At top prod. interval reported below

11. Sec., T., R., M., or Block and
Survey or Area D 10 T30N R3W

At total depth
14. Date Spudded 04/27/05
15. Date T.D. Reached 05/02/05
16. Date Completed ☐ D & A ☒ Ready to Prod. 01/20/06

12. County or Parish
Rio Arriba

13. State
NM

18. Total Depth: MD 3787' TVD
19. Plug Back T.D.: MD 3402' TVD

20. Depth Bridge Plug Set: MD 3402' 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 Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24# K-55	0'	259'		175		0' - circ	
7-7/8"	5-1/2"	15.5# K-55	0'	3787'		525 sx 65/35 POZ	179	0' - CBL	
						100 sx 50/50 POZ	24		

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2-7/8"	3350'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Ojo Alamo Tertiary	3103'	3329'	3232' - 3252'	0.42"	84	2 SPF
B)						
C)						

26. Perforation Record

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

Depth Interval	Amount and type of Material
3232' - 3252'	Fraced w/130,000# sand in 70Q 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
01/26/06	01/17/06		→						Flowing
Choke Size	Tbg. Press. Flwg. PSI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas - Oil Ratio	Well Status	
			→		0				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
			→						
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

AUG 11 2006

NMOCD

FARMINGTON FIELD OFFICE

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.)

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
Ojo Alamo	3103'	3329'	GAS	San Jose	surface
				Nacimiento	2033'
				Ojo Alamo	3103'
				Kirtland	3329'
				Fruitland	3582'
				Pictured Cliffs	3644'
				Lewis	3714'

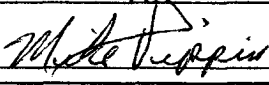
32. Additional remarks (include plugging procedure):

JICARILLA 457-10 #11 Tertiary
CIBP @ 3402'

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 August 9, 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.