

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED CONS. DIV.

OMB NO. 1004-0137

Expires: November 30, 2000

5. Lease Serial No.

Jicarilla Contract 457

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 457-10 No.708

9. API Well No.

30-039-298690001 (P&amp;A)

10. Field and Pool, or Exploratory

Basin Dakota

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

Survey or Area K 10 T30N R3W

12. County or Parish

Rio Arriba

13. State

NM

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

7198' GL &amp; 7211' KB

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Otherb. 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

2410' FSL &amp; 1515' FWL Unit (K) Sec. 10 T30N R3W

At top prod. interval reported below

At total depth

14. Date Spudded

06/25/06

15. Date T.D. Reached

07/16/06

16. Date Completed

☐ D & A ☒ Ready to Prod.  
12/23/0618. Total Depth: MD 8683'  
TVD19. Plug Back T.D.: MD 8490'  
TVD20. Depth Bridge Plug Set: MD 8520'  
TVD

21. Type Electric &amp; 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8"	36# J-55	0'	318'		165 Type G	35	0' - circ	
8-3/4"	7"	23# N-80	0'	3822'		385 sx 65/35 POZ	133		
						205 sx 50/50 POZ	71	0' - circ	
6-1/4"	4-1/2"	11.6# P110	3586'	8683'		573 sx Type III	182	5050' - CBL **	

24. Tubing Record

\*\*squeezed liner top @ 3586'. Cmt down to 4150'.

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Dakota	8356'	8514'	8557'-64', 8568'-74'	0.35"	52	Plugged
B)			8587'-8600'			
C)						

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

Depth Interval	Amount and type of Material
8557' - 8600'	Brokedown perms w/500 gal 7-1/2% acid & balls. Set CIBP @ 8520' w/12' cmt on top.

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
	09/21/06		→						Swabbed
Choke Size	Tbg Press Flwg. PSI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→		0				CIBP @ 8520' 9/21/06

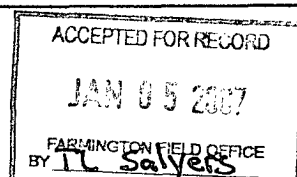
28a. Production - Interval B

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)

P&amp;A Basin Dakota 9/21/06

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
Mancos	6630'	7456'	GAS	San Jose	surface
				Ojo Alamo	e 3173'
				Pictured Cliffs	e 3682'
				Lewis	e 3804'
				Cliffhouse	5670'
				Point Lookout	6104'
				Mancos	6630'
				Gallup	7456'
				Dakota	8356'
				Morrison	8625'

## 32. Additional remarks (include plugging procedure):

JICARILLA 457-10 #708 Basin Dakota

PLUGGED

CIBP @ 8520'

NSL-5529

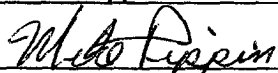
## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 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 505-327-4573Title Petroleum Engineer (Agent)

Signature

Date January 2, 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.