

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 20045. Lease Serial No.
Jicarilla Contract 458

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

2. Name of Operator

Black Hills Gas Resources, Inc

3. Address

350 Indiana Street, Suite 400 Golden, CO 80401

3a. Phone (include area code)

720-210-1308

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

At surface 2270' FNL & 795' FEL (SENE) Unit H

At top prod. interval reported below 2270' FNL & 795' FEL (SENE) Unit H

At total depth 2270' FNL & 795' FEL (SENE) Unit H

6. If Indian, Allottee or Tribe Name

Jicarilla Apache Tribe

7. Unit or CA Agreement Name and No.

22182

8. Lease Name and Well No.

Jicarilla 458-08 No. 7

9. API Well No.

30-039-25759 22

10. Field and Pool, or Exploratory

East Blanco, Pictured Cliffs

11. Sec., T., R., M., on Block and Survey
or Area

Sec. 8, T30N-R03W

12. County or Parish

Rio Arriba

13. State

NM

14. Date Spudded

1/28/1998

15. Date T.D. Reached

2/7/1998

16. Date Completed

☐ D & A☒ Ready to Prod.

5/23/05

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

7121' GL

18. Total Depth: MD

TVD 3950'

19. Plug Back T.D.: MD

TVD 3899'

20. Depth Bridge Plug Set: MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report)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		502.67'		345 & B		surface;	
								circ 168sx	
								to surface	
7 7/8"	4 1/2"	11.6		3949'		440 sx		circ 100sx	
								to surface	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	3684.2'	3265.55'						

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	3677'	3697'	3677-3697	2	40	open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3677-3697	Frac w/ 200,340 # of sand & 916 msf N2.

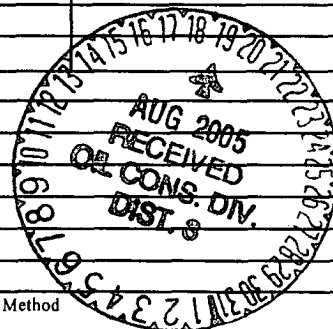
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5/23/05	5/23/05	24	☐		285				Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			☐					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	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			☐						

(See instructions and spaces for additional data on next page)



ACCEPTED FOR RECORD

AUG 17 2005

FARMINGTON FIELD OFFICE
BY

NMOCB

Production - Interval C

Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

Production - Interval D

Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

Disposition of Gas (Sold used for fuel, vented, etc.)

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	3120'
				Kirtland	3345'
				Fruitland Coal	3548'
				Pictured Cliffs	3674'
				Lewis	3780'

Additional remarks (include plugging procedure):

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 6 Core Analysis 7 Other: _____

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) Allison Newcomb

Title Engineering Technician

Signature Allison Newcomb Date 8/9/2005

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.