

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.
Jic 4641a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion: ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other Re-Completion

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.

3. Address

3200 N. 1st PO Box 249 Bloomfield, NM 87413

3a. Phone No. (include area code) NM
505-634-1111

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

At surface 1190' FNL and 1850' FEL (NWNE) Unit B

At top prod. interval reported below 1190' FNL and 1850' FEL (NWNE) Unit B

At total depth 1190' FNL and 1850' FEL (NWNE) Unit B

14. Date Spudded

3/7/98

15. Date T.D. Reached

3/17/98

16. Date Completed

☐ D&A ☒ Ready to Prod.

1-9-06

18. Total Depth: MD 3915'
TVD19. Plug Back T.D.: MD 3037'
TVD20. 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 Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24lb	0'	529'	.	325 sx		circ 100	
								sx to surf	
7-7/8"	4-1/2"	12lb	0'	3891'		560 sx		circ 20	
								sx to surf	

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"	3614'							

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	3612'	3694'	3612-3623, 3636-3641, 3646-3648	.36	90	Open
B)			3651-3658, 3661-3666, 3679-3694			
C)						
D)						

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

Depth Interval	Amount and Type of Material
3612-3694'	Acidized w/ 60 bbls 2% KCL
3612-3694'	Frac'd w/ 878,001 MSCF N2 & 110,061 Proppant

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
12/10/98	1/9/06	24	☐		950				Flowing
Choke Size	Tbg. Press. Flgw. 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. Flgw. 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)

NMOC

RECEIVED

COPY

Jicarilla 464-32 No.11

9. API Well No.

30-039-25762

10. Field and Pool, or Exploratory

East Blanco, Pictured Cliffs

11. Sec., T., R., M., on Block and Survey or Area Sec. 32, T30N-R03W

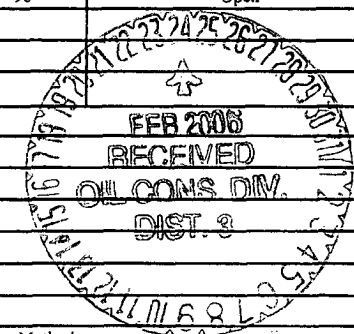
12. County or Parish

Rio Arriba

13. State

NM

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



ACCEPTED FOR RECORD

FEB 22 2006

FARMINGTON FIELD OFFICE

3mm