

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
MDA-701-98-0013

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other _____ b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____		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 30-03-33 #14 9. API Well No. 30-039-29264 10. Field and Pool, or Exploratory East Blanco, Pictured Cliffs 11. Sec., T., R., M., on Block and Survey or Area Sec. 33, T30N, R3W 12. County or Parish 13. State Rio Arriba NM 17. Elevations (DF, RKB, RT, GL)* 7129' GL 7142' KB							
2. Name of Operator Black Hills Gas Resources, Inc 3. Address 3200 N 1st St. PO Box 249 Bloomfield, NM 87413 3a. Phone No. (include area code) 505-634-1111									
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 560' FNL & 365' FEL NENE Unit A At top prod. interval reported below 560' FNL & 365' FEL NENE Unit A At total depth 560' FNL & 365' FEL NENE Unit A									
14. Date Spudded 10/8/2004	15. Date T.D. Reached 10/22/2004	16. Date Completed ☐ D&A ☒ Ready to Prod. 3-1-05							
18. Total Depth: MD TVD 3754'	19. Plug Back T.D.: MD TVD 3730'	20. Depth Bridge Plug Set: MD TVD							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) TMDL, CBL.		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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24 lb	0	266'		175		surface	
7-7/8"	5-1/2"	15.5 lb	0	3746'		650		surface	
								circ 28bbl	
								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"	3631'	3586'							
25. Producing Intervals					26. Perforation Record				
Formation		TOP	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Pictured Cliffs		3460	3676	3682-3684, 24-26, 14-16, 40-42,		8	40	Open	
B)				96-00, 88-90, 48-52, 74-76					
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
3614'-3700'		Acidized w/47 Bbls HCL							
3614'-3700'		Frac'd w/ 1015,500 MSCF N2, 169,602 LBM							
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
3/2/2005	3/2/2005	10	☐		246				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	
			☐						