

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG						FORM APPROVED OMB NO. 1004-0137 Expires: March 31, 2007			
FORM 3160-4 (April 2004)						5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract 464			
1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other <input type="checkbox"/>						6. INDIAN ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe			
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. <input type="checkbox"/> Other _____						7. UNIT AGREEMENT 22185 11 24			
2. Name of Operator Black Hills Gas Resources, Inc.						8. FARM OR LEASE NAME Jicarilla 464-32 #15			
3. Address 350 Indiana St Suite 400 Golden, CO 80401				3a. Phone No. (include area code) 720-210-1300		9. API WELL NO. 30-039-29305			
4. Location of Well (Report location clearly and in accordance with Federal requirements)*						10. FIELD NAME East Blanco, Pictured Cliffs			
At surface 1890 FSL & 980 FEL (NESE) Unit I						11. SEC. T, R, M., OR BLOCK AND SURVEY OR AREA Sec. 32, T30N-R03W			
At top prod. Interval reported below 1890 FSL & 980 FEL (NESE) Unit I						12. COUNTY OR PARISH Rio Arriba		13. STATE NM	
At total depth 1890 FSL & 980 FEL (NESE) Unit I						17. ELEVATIONS (DF, RKB, RT, GR, etc.)* 7052' DF, 7053' KB, 7040' GL			
14. Date Spudded 6/11/2005		15. Date T.D. Reached 6/14/2005		16. Date Completed 9/1/2005 D & A X Ready to Prod.					
18. Total Depth: MD 3816' TVD		19. Plug back T.D.: MD 3771' TVD		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & other Logs Run (Submit a copy of each) TMDL & CBL						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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	0'	264'		175 & "G"		surface;	
								circ 8 bbls to surface	
7 7/8"	5 1/2"	47 15.5	0'	3816'		525 65/35/B/POZ &		surface;	
						125 50/50/b/POZ		circ 28 bbls 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"	3676'	3315'							
25. Producing Intervals									
Formation		Top	Bottom	Perforated Interval		Size	No. of Holes	Perf. Status	
A) Pictured Cliffs		3634'	3670'	3634'-3646', 3656'-3670'		4	104	Open	
B)									
C)									
D)									
27. Acid, Fracture Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
3634'-3646'		Acidize w/ 12 bbls of 3% HCl							
3656'-3670'		Acidize w/ 12 bbls of 3% HCl							
3634'-3670'		Frac w/ 163,683lbs proppant & 1,045,779mscf 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
10/28/2005	8/9/2005	24	→		235	0			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	Producing
	145	250	→						
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	
			→						

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* See instructions and spaces for additional data on page 2)

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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.*)

Sold

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	<div style="text-align: center;">Top</div> <div style="text-align: center;">Measured Depth</div>	
				San Jose	~surface	
				Nacimiento	2086'	
				Ojo Alamo	3138'	
				Kirtland	3349'	
				Fruitland Coal	3553'	
				Pictured Cliffs	3629'	
				Lewis	3750'	

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

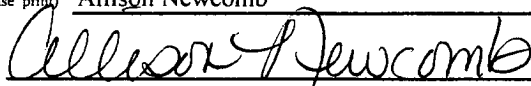
<input checked="" type="checkbox"/> Electrical/ Mechanical Logs (1 full set required)	<input type="checkbox"/> Geologic Report	<input type="checkbox"/> DST Report	<input type="checkbox"/> Directional Survey
<input type="checkbox"/> Sundry Notice for plugging and cement verification	<input type="checkbox"/> Core Analysis	<input type="checkbox"/> Other:	

34. 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



Date 6/1/2006

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.