

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.
MDA 701-98-0013

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry Other		6. If Indian, Allottee or Tribe Name Jicarilla Apache Tribe	
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resyr.		7. Unit or CA Agreement Name and No.	
2. Name of Operator Black Hills Gas Resources, Inc.		8. Lease Name and Well No. Jicarilla 29-02-31 No. 14	
3. Address 350 Indiana Street, Suite 400 Golden, CO 80401		9. API Well No. 30-039-29317	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 430' FNL & 880' FEL (NENE) Unit A At top prod. interval reported below 430' FNL & 880' FEL (NENE) Unit A At total depth 430' FNL & 880' FEL (NENE) Unit A		10. Field and Pool, or Exploratory Burro Canyon, Tertiary	
		11. Sec., T., R., M., on Block and Survey or Area Sec. 31, T29N-R02W	
		12. County or Parish Rio Arriba	
		13. State NM	

14. Date Spudded 2/9/05	15. Date T.D. Reached 2/12/05	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 4/20/05	17. Elevations (DF, RKB, RT, GL)* 7069' GL, 7081' KB
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18. Total Depth: MD TVD 3633'	19. Plug Back T.D.: MD TVD 3595'	20. Depth Bridge Plug Set: MD TVD
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21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Induction, Lith Density, Electromagnetic, Magnetic Resonance	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)
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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	0'	281'		200 sx		surface;	
								circ 16bbl	
								to surface	
7 7/8"	5 1/2"	15.5	0'	3611'		600 sx		surface;	
								circ 40bbl	
								to surface	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	3581'							

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Ojo Alamo	3280'	3282'	3280-3282	2	8	Open
B)			2838-2840	4	8	Closed
C)						
D)						

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D)						

Depth Interval	Amount and Type of Material
3280-3282	Acidize w/ 12bbls of 3% acid & 48bbls foamed 7.5% HCl Acid, 24bbls foamed BJ sandstone acid 15-LT& 17bbls 2% ammonium chloride. 350 gal methanol.
2838-2840	Acidize w/250 gals 3% HCl, 7% HCl acid w/ N2, foamed sandstone acid, ammonium chloride. Cmt Sqz'd w/ 12 bbls @ 14.5 ppg.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5/17/05	4/11/05	24			22				Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
								Producing	

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)

NMOCD

ACCEPTED FOR RECORD

AUG 16 2005

FARMINGTON FIELD OFFICE
BY *db*

Production - Interval C

First iced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			<input type="checkbox"/>						
	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio		Well Status
			<input type="checkbox"/>						

Production - Interval D

First iced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			<input type="checkbox"/>						
	Thg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio		Well Status
			<input type="checkbox"/>						

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
				San Jose	surface
				Nacimiento	2000'
				Ojo Alamo	2900'
				Kirtland	3310'
				Fruitland Coal	3403'
				Pictured Cliffs	3447'
				Lewis	3580'

Additional remarks (include plugging procedure):

1/2" x 12' RWAC pump, 142 3/4" rods, 22' polished rod.
3/8" diagonal-cut sub, 4' perf sub, SN, 111 jts 2 3/8" tbg, 4' 2 3/8" sub.

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.