

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, 2004

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 No. (include area code)
720-210-1308

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

14. Date Spudded

2/9/05

15. Date T.D. Reached

2/12/05

16. Date Completed

☐ D & A☒ Ready to Prod.

4/20/05

18. Total Depth: MD

TVD 3633'

19. Plug Back T.D.: MD

TVD 3595'

20. Depth Bridge Plug Set: MD

TVD

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

Induction, Lith Density, Electromagnetic, Magnetic Resonance

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	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	

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"	3581'							

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	3500'	3550'	3500-10,40-50	4	80	Open
B) Pictured Cliffs	3449'	3469'	3449-69	4	80	Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
3500-3550	Acidize w/ 1000 gals of 3% HCl. 65Q N2 Lightning Frac w/ 75,000# 20/40 brady sand & 499 mscf N2.
3449-3469	Acidize w/ 500 gals of 3% HCl. 65Q N2 Foam Frac w/ 95,980# sand & 587.1 mscf N2.

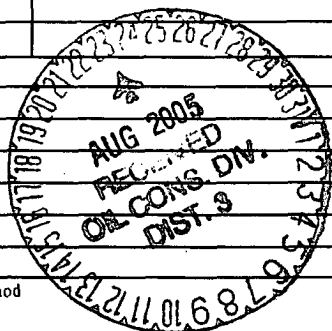
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5/17/05	3/27/05	24	☐		325				Pumping
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 16 2005

FARMINGTON FIELD OFFICE
BY

NMOC

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
				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.