

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other  
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resv.  
Other **"Black Hills Permit Clean-up Program"**

2. Name of Operator

**Black Hills Gas Resources, Inc.** c/o Mike Pippin LLC (Agent)

3. Address

**3104. N. Sullivan, Farmington, NM 87401**

3a. Phone No. (include area code)

**505-327-4573**

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

At surface **695' FNL & 731' FWL Unit D Sec. 9, T30N, R3W**

At top prod. interval reported below **695' FNL & 731' FWL Unit D Sec. 9, T30N, R3W**

At total depth **808' FNL & 1048' FEL Unit A Sec. 9, T30N, R3W**

14. Date Spudded

**09/12/98**

15. Date T.D. Reached

**09/21/98**

16. Date Completed

☐ D & A ☒ Ready to Prod.  
**01/26/06**

18. Total Depth: MD **7621-7044'**  
TVD **3837'**

19. Plug Back T.D.: MD **7011'**  
TVD

20. Depth Bridge Plug Set: MD  
TVD

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

**INDUCTION, DENSITY/NEUTRON, CBL**

22. Was well cored? ☒ No ☐ Yes (Submit copy)

Was DST run? ☒ No ☐ Yes (Submit copy)

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"	24# K-55	0'	553'		300 sx Cl H		0' - circ	
7-7/8"	5-1/2"	15.5# K-55	0'	4047'		760 sx		0' - circ	
4-3/4"	2-7/8"	P-110	3782'	7011'		0			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2-7/8"	3840'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>Pictured Cliffs</b>	<b>3746'</b>	<b>3852'</b>	<b>Horizontal Open Hole</b>			
B)						
C)						

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

Depth Interval	Amount and type of Material
<b>MD 3749' - 7011'</b>	<b>Horizontal Open Hole</b>

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
<b>08/03/05</b>	<b>08/03/05</b>	<b>5</b>	<b>→</b>		<b>649</b>				<b>Flowing</b>
Choke Size	Tbg Press. Flwg. PSI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
<b>3/4"</b>	<b>200</b>		<b>→</b>		<b>3,114</b>			<b>Producing</b>	

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
			<b>→</b>						
Choke Size	Tbg Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			<b>→</b>						

(See instructions and spaces for additional data on reverse side)

FARMINGTON FIELD OFFICE  
BY **MT**

NMOC

SEP 18 2006

ACCEPTED FOR RECORD

## 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	Top Meas. Depth
Pictured Cliffs	3746'	3852'	GAS	San Jose	surface
				Nacimiento	2022'
				Ojo Alamo	3202'
				Kirtland	3500'
				Fruitland	3595'
				Pictured Cliffs	3746'
				Lewis	3852'

## 32. Additional remarks (include plugging procedure):

JICARILLA 457-09 #2 PC

## 33. 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
5. Core Analysis
7. Other:

36. 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) Mike Pippin 505-327-4573

Title Petroleum Engineer (Agent)

Signature

Mike Pippin

Date

September 11, 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.