

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry ☐ Other  
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
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

1890' FSL & 980' FEL (NESE) Unit I

At top prod. interval reported below

At total depth

14. Date Spudded

06/11/05

15. Date T.D. Reached

06/14/05

16. Date Completed

☐ D & A ☒ Ready to Prod.  
09/01/05

17. Elevations (DF, RKB, RT, GL)\*

7040' GL & 7053' KB

18. Total Depth: MD  
TVD

3818'

19. Plug Back T.D.: MD

TVD

3771'

20. Depth Bridge Plug Set:

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

CBL, CNL

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#	0'	264'		175 sx Type C		circ to surface	0'
7-7/8"	5-1/2"	15.5#	0'	3818'		525 sx 65/35 POZ		circ to surface	0'
						125 sx 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2-3/8"	3677'	3315'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Tertiary	0'	3349'	956' - 960'	0.42"	16	Open
B) Tertiary	0'	3349'	3020' - 3030'	0.42"	40	SQ w/cmt
C) Tertiary	0'	3422'	3146'-56', 3164'-66', 3170'-71'	0.44"	56	SQ w/cmt

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

Depth Interval	Amount and type of Material
956' - 960'	Fraced w/19,200# sand in 70Q foam
3020' - 3030'	Fraced w/21,000# sand in 70Q foam
3146' - 3172'	Fraced w/68,000# sand in 70Q foam

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
10/28/05	08/29/05	3	→		32				Flowing
Choke Size	Tbg. Press. PSI	Csg. Press. PSI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/8"	60		→		255			Shut-in	

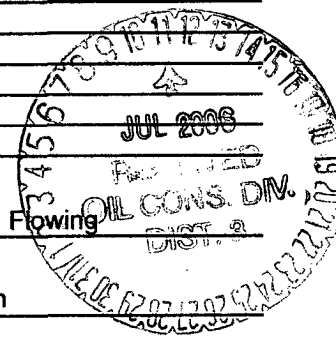
28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
	08/22/05	12	→		0				ACCEPTED FOR RECORD
Choke Size	Tbg. Press. PSI	Csg. Press. PSI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/4"	SI		→		0			SQ w/75 sacks type 1 cement	

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

NMOCB

FARMINGTON FIELD OFFICE



## 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
	08/15/05		→		0				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/8"			→		0			SQ w/100 sack Type III Cement	

## 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.)

Vented

## 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
San Jose	0'	2086'	GAS	San Jose	Surface
Pictured Cliffs	3629'	3750'	GAS	Nacimiento	2086'
				Ojo Alamo	3138'
				Kirtland	3349'
				Fruitland	3553'
				Pictured Cliffs	3629'
				Lewis	3750'

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

JICARILLA 464-32 #15 Tertiary

To be commingled w/PC - Commingle Pending as of 6/28/06

## 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 June 28, 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.