

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, 20001a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry ☐ Other  
b. Type of Completion ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.

"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 **990' FSL & 520' FEL (SESE) Unit P**

At top prod. interval reported below

At total depth

14. Date Spudded **04/14/05** 15. Date T.D. Reached **04/18/05** 16. Date Completed ☐ D & A ☒ Ready to Prod. **07/09/05**18. Total Depth: MD **3926'** TVD **MD 3903'** TVD **MD 3903'** 20. Depth Bridge Plug Set: MD **MD** TVD **TVD**

21. Type Electric &amp; 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24# K-55	0'	256'		200 100 sx		0' - circ	
7-7/8"	5-1/2"	17#	0'	3917'		680 sx		0' (SQ)	

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"	3865'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) San Jose Tertiary	0'	2415'	1547' - 49'	.34"	8	4 SPF
B) Nacimiento Tertiary	2415'	3279'	3016' - 18'	.44"	8	4 SPF
C)						

26. Perforation Record

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

Depth Interval	Amount and type of Material
1547' - 1549'	Breakdown w/250 gallons acid
3016' - 3018'	Breakdown w/250 gallons 7-1/2% HCL acid & 250 gallons methanol
300' - 0'	SQ w/11 cf cmt. Re-SQ w/100 sx cement.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/30/05	07/05/05	1	→						Flowing
Choke Size	Thg Press Flwg PSI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/8"	10		→		8				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
	07/05/05		→						
Choke Size	Thg Press Flwg SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→		0				

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

ACCEPTED FOR RECORD

AUG 01 2006

NMOC

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
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
				San Jose	surface
Nacimiento	2415'	3279'	GAS	Nacimiento	2415'
Fruitland	3655'	3775'	GAS	Ojo Alamo	3279'
Pictured Cliffs	3775'	3879'	GAS	Kirtland	3488'
				Fruitland	3655'
				Pictured Cliffs	3775'
				Lewis	3879'

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

JICARILLA 457-10 #44 Tertiary  
Commingle with PC & FRTC

## 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 July 25, 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.