

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 2165' FSL & 430' FWL (NWSW) Unit L

At top prod. interval reported below

At total depth  
14. Date Spudded 03/09/06  
15. Date T.D. Reached 03/14/06  
16. Date Completed ☐ D & A ☒ Ready to Prod. 04/19/06

18. Total Depth: MD 3663' TVD  
19. Plug Back T.D.: MD 3611' TVD  
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL, NEUTRON DENSITY, INDUCTION  
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'	254'		195 sx CL G	41	0' - circ	0'
7-7/8"	5-1/2"	17# & 15.5# J-55	0'	3632'		660 sx CL G	204	1108'	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)
2-3/8"	1189'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) La Jara Canyon Tertiary	3194'	3400'	1159'-64', 1168'-70'	0.34"	96	OPEN
B)			1179'-87', 1191'-93'			OPEN
C)			1225'-31', 1262'-63'			OPEN

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

Depth Interval	Amount and type of Material
1159' - 1263'	Fraced w/60,000# sand in foam

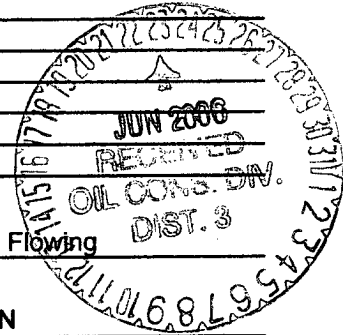
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
READY	04/19/06	24	→		1087				Flowing
Choke Size	Tbg. Press. Flwg. PSI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→					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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

5. Lease Serial No.  
**MDA 701-98-0013 Tract 4**  
6. If Indian, Allottee or Tribe Name  
**Jicarilla Apache Tribe**  
7. Unit or CA Agreement Name and No.  
8. Lease Name and Well No.  
**Jicarilla 29-02-22 No.31**  
9. API Well No.  
**30-039-29394**  
10. Field and Pool, or Exploratory  
**La Jara Canyon Tertiary Ext.**  
11. Sec., T., R., M., or Block and Survey or Area **L 22, T29N, R2W**  
12. County or Parish **Rio Arriba**  
13. State **NM**  
17. Elevations (DF, RKB, RT, GL)\*  
**7122' GL, 7134' KB**



ACCEPTED FOR RECORD

JUN 20 2006

FARMINGTON FIELD OFFICE

NWOCDB

## 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.)

Vent

## 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'	2098'	GAS	San Jose	surface
Nacimiento	2098'	3194'	GAS	Nacimiento	2098'
Ojo Alamo	3194'	3400'	GAS	Ojo Alamo	3194'
Fruitland	3400'	3463'	GAS	Fruitland	3400'
Pictured Cliffs	3463'	3808'	GAS	Pictured Cliffs	3463'
				Lewis	3808'

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

JICARILLA 29-02-22 #31 Tertiary

## 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 May 31, 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.