

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, 20005. Lease Serial No.
MDA 701-98-0013 Tract 46. If Indian, Allottee or Tribe Name
Jicarilla Apache Tribe

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Jicarilla 29-02-21 No.319. API Well No.
30-039-2952310. Field and Pool, or Exploratory
La Jara Canyon Tertiary Ext.11. Sec., T., R., M., or Block and
Survey or Area L 21 T29N R2W12. County or Parish
Rio Arriba13. State
NM17. Elevations (DF, RKB, RT, GL)*
7077' GL & 7090' KB1a. 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 36

2. Name of Operator

Black Hills Gas Resources, Inc.

c/o Mike Pippin, LLC (Agent)

3. Address

3104. N. Sullivan, Farmington, NM 87401

505-327-4573

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

At surface

1900' FSL & 900' FWL (NWSW) Unit L

At top prod. interval reported below

At total depth

14. Date Spudded

01/04/06

15. Date T.D. Reached

01/08/06

16. Date Completed

☐ D & A ☒ Ready to Prod.
03/08/0618. Total Depth: MD 3625'
TVD19. Plug Back T.D.: MD 3603'
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL, NEUTRON DENSITY, INDUCTION22. 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# J-55	0'	297'		200 sx STD	42	0' - circ	0'
7-7/8"	5-1/2"	15.5# J-55	0'	3625'		445 sx 65/35 STD	195	930' - CBL	0'
						150 sx 50/50 STD			

24. Tubing Record *****TERTIARY TO BE PRODUCED UP ANNULUS*****

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2-3/8"	3449'	2881'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) La Jara Canyon Tertiary	0'	3154'	1156'-61', 1171'-82'	0.34"	88	OPEN
B)			1186'-92'			OPEN
C)						

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

Depth Interval	Amount and type of Material
1156' - 1192'	500 GAL 7-1/2% HCL & 100 PERF BALLS

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	03/03/06	6	→		3				Flowing
Choke Size	Tbg. Press. Flwg. PSI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/8"			→		14				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
			→						ACCEPTED FOR RECORD
Choke Size	Tbg. Press. Flwg. PSI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
SI			→						

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

JUN 16 2006
FARMINGTON FIELD OFFICE
BY

NMOC

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'	2028'	GAS	San Jose	surface
Nacimiento	2028'	3090'	GAS	Nacimiento	2028'
Ojo Alamo	3090'	3154'	GAS	Ojo Alamo	3090'
Fruitland	3396'	3456'	GAS	Kirtland	3154'
Pictured Cliffs	3456'	3497'	GAS	Fruitland	3396'
				Pictured Cliffs	3456'

32. Additional remarks (include plugging procedure):

JICARILLA 29-02-21 #31 Tertiary
**** TERTIARY TO BE PRODUCED UP
 ANNULUS****

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  Date June 9, 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.