

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.
MDA 701-98-0013, Tract 41a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resv.
Other: Farmington Field Office

FEB 11 2009

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

2200' FNL & 1200' FWL Unit (E) Sec. 26, T29N, R2W

At top prod. interval reported below

At total depth

14. Date Spudded

12/15/08

15. Date T.D. Reached

12/26/08

16. Date Completed

☐ D & A ☒ Ready to Prod.
02/09/09

6. If Indian, Allottee or Tribe Name

Jicarilla Apache Tribe

7. Unit or CA Agreement Name and No.

Report to lease

8. Lease Name and Well No.

JICARILLA 29-02-26 #21

9. API Well No.

30-039-30576 - 0001

10. Field and Pool, or Exploratory

La Jara Canyon Tertiary Ext.

11. Sec., T., R., M., or Block and

Survey or Area E 26 29 2

12. County or Parish

Rio Arriba

13. State

NM

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

7189' GL & 7194' KB

18. Total Depth: MD

1690'

TVD

19. Plug Back T.D.: MD

1360'

TVD

20. Depth Bridge Plug Set: MD

1360'

TVD

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

Induction Log, Density-Neutron Log, Gas Spectrum Log

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"	7"	23#	0'	274'		250, G	53	0' - circ ✓	0'
6-1/4"	4-1/2"	11.6#	0'	1690'		195, POZ	59	0' - circ ✓	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"	917'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Tertiary (San Jose)	0'	—	(A) 1450'-1593'	0.36"	30	Below CIBP
			(B) 1366'-1397'	0.36"	20	Below CIBP
			(C) 1244'-1344'	0.36"	192	open

26. Perforation Record

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

Depth Interval	Amount and type of Material
1450'-1593'	756 gal 7.5% HCL
1366'-97'	546 gal 7.5% HCL
1244'-1344'	1500 gal 7.5% HCL & fraced w/77,400# 16/30 sand in 70Q slick 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
	01/14/09	10	→		0				RCVD FEB 13 '09
Choke Size	Tbg. Press. Flwg. PSI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→		0				OIL CONS. DIV. 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
	01/20/09	10	→		0				RCVD FEB 13 '09
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→		0				Shut-in ✓

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

NMOCD
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ACCEPTED FOR RECORD

FEB 11 2009

FARMINGTON FIELD OFFICE
BY J. L. Sellers

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
	02/02/09	4.5	→		204 ✓				Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/4"	60 psi		→		1,086 ✓				Shut-in

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
Tertiary	0'	--	GAS	Tertiary (San Jose)	MD TVD Surface

32. Additional remarks (include plugging procedure):

Jicarilla 29-02-26 #21 - Tertiary gas well ✓

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 February 10, 2009 ✓

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.