

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

amended

WELL COMPLETION OR RECOMPLETION REPORT AND LOG 3 2009

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. Reserv.
Other:

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

1975' FNL & 820' FEL Unit (H) Sec. 15, T29N, R2W

At top prod. interval reported below

At total depth

14. Date Spudded

11/17/08

15. Date T.D. Reached

11/24/08

16. Date Completed

☐ D & A ☒ Ready to Prod.
W/O: 10/11/09

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

7234' GL & 7239' KB

18. Total Depth: MD

1570'

TVD

19. Plug Back T.D.: MD

1522'

TVD

20. Depth Bridge Plug Set: MD

TVD

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

Induction Log, Density-Neutron Log, Mud Log, 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	7"	23#	0'	275'		250, G	53	0' - circ	0'
6-1/4"	4-1/2"	10.5#	0'	1565'		145, POZ	43	294' - CBL	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"	1200'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Tertiary (San Jose)	0'	—	1134'-40', 1180'-84'	0.36"	76	open
Existing Perfs			1216'-19', 1262'-68'			
B Tertiary (San Jose)	0'	—	1079'-87', 1091'-94'	0.34'	30	open
New Perfs			1097'-99', 1104'-06'			

26. Perforation Record

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

Depth Interval	Amount and type of Material
1134'-1268' (Existing Perfs)	Acidized w/23 bbls 7-1/2% HCL. Fraced w/75,100# 16/30 sand in 75Q slick foam.
1079'-1106' (New Perfs)	Acidized w/18 bbls 7-1/2% HCL. Fraced w/29,770# 16/30 sand in 75Q 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
12/22/08	10/05/09	4	→		121	4 BBLS			Flowing
Choke Size	Tbg. Press. Flwg. PSI	Cog. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/4"	35 PSI		→		724	24 BWPD			Flowing

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
10/12/09	10/09/09	12	→		172	9 BW			Flowing
Choke Size	Tbg. Press. Flwg. PSI	Cog. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/2"	40 PSI		→		344	18 BWPD			Flowing

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

OPERATOR

FARMINGTON FIELD OFFICE

RCVD FEB 22 '10
OIL CONS. DIV.
DIST. 3

ACCEPTED FOR RECORD
OCT 13 2009

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	Thg. 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	Thg. 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 29-02-15 #24 - Tertiary Payadd workover

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 October 12, 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.