

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCT 28 2008 Contract 457

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry ☐ Other

b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Reservoir
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 **775' FSL & 545' FEL Unit (P) Sec. 4, T30N, R3W**
At 7" CSG SHOE **834' FSL & 1534' FEL Unit (O) Sec. 4, T30N, R3W**
At top prod. interval reported below **825' FSL & 1361' FEL Unit (O) Sec. 4, T30N, R3W**
At total depth **1181' FSL & 615' FEL Unit (P) Sec. 5, T30N, R3W**

14. Date Spudded **10/08/08**

15. Date T.D. Reached **10/26/08**

16. Date Completed ☐ P & A ☒ Ready to Prod.
10/28/08

17. Elevations (DF, RKB, RT, GL)*
7122' GL & 7134' KB

18. Total Depth: MD **8584'** TVD **3729'**

19. Plug Back T.D.: MD **8584'** TVD **3729'**

20. Depth Bridge Plug Set. MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Mud 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 Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8"	32# H-40	0'	294'		160, G	105	0' - circ	0'
8-3/4"	7" J-55	23#	0'	MD4251'		520, G	113		0'
									0'
6-1/8"	4-1/2"	11.6# J-55	MD4187'	MD8584'		0			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"	3357'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	MD4108'	--	11 pre-perf joints	0.75"	308	Open
	3661' - TVD	3811' - TVD	w/28 holes/jt w/tops @			
			MD8542', 8082', 7621', 7159',			
			6675', 6233', 5770', 5306', 4842',			
			4378', 4252'			

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

Depth Interval	Amount and type of Material
MD 4251' - 8584'	Horizontal PC lateral - No formation stimulation

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	10/28/08	12	→		0				Flowing
Choke Size	Tbg. Press Flwg. PSI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→		0				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	
			→						

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

NMOCB

ACCEPTED FOR RECORD

OCT 29 2008

FARMINGTON FIELD OFFICE
BY **T. Salinas**

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
Pictured Cliffs	3661' TVD	3811' TVD	GAS		MD	TVD
					Surface	
				San Jose	1919'	1919'
				Nacimiento	3096'	3091'
				Ojo Alamo	3340'	3308'
				Kirtland	3710'	3556'
				Fruitland	4108'	3661'
				Pictured Cliffs		

32. Additional remarks (include plugging procedure):

Jicarilla 457-04 #144 PC Horizontal Lateral

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 505-327-4573Title Petroleum Engineer (Agent)Signature Mike PippinDate October 28, 2008

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.