

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RCVD NOV21'06

FORM APPROVED OIL CONS. DIV.
OMB NO. 1004-0137
Expires: November 30, 2006
DIST. 3

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry
b. Type of Completion: ☐ New ☐ Work Over ☒ Deepen ☐ Plug Back ☐ Diff. Resvr.
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 **2500' FSL & 1100' FEL Unit (I) Sec. 24, T30N, R4W**
At top prod. interval reported below **2500' FSL & 1100' FEL Unit (I) Sec. 24, T30N, R4W**
At total depth **2042' FSL & 1210' FWL Unit (L) Sec. 24, T30N, R4W**

14. Date Spudded **09/22/06**
15. Date T.D. Reached **09/26/06**
16. Date Completed ☐ D & A ☒ Ready to Prod.
11/11/06

18. Total Depth: MD **6879'** TVD **3920' 385'**
19. Plug Back T.D.: MD **6879'** TVD **3920'**
20. Depth Bridge Plug Set: MD **MD** TVD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
INDUCTION, DENSITY/NEUTRON

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# J-55	0'	309'		263 cf NEAT	47	0' - circ	
7-7/8"	5-1/2"	15.5# J-55	0'	3920'		495 sx 65/35 POZ			
						245 sx 50/50 POZ		0' - circ	
4-3/4"	2-7/8"	7.9 & 8.7# N-80	3816'	6879'		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"	3783'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	3782'		6 perfed jts in horiz. liner w/tops @ 4247', 4792', 5303', 5812', 6355', 6848'	0.5"	168	OPEN
B)						
C)						

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

Depth Interval	Amount and type of Material
MD 3816' - 6879'	Horizontal Open Hole

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	11/02/06		→						Swabbed
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
			→						ACCEPTED FOR RECORD
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)

NOV 20 2006

FARMINGTON FIELD OFFICE
BY

NMOCD

1/4/07

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.)

Vented

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	3782'		GAS	San Jose	surface
				Nacimiento	2030'
				Ojo Alamo	3244'
				Kirtland	3484'
				Fruitland	3700'
				Pictured Cliffs	3782'

32. Additional remarks (include plugging procedure):

Many Canyons 30-04-24 #34 Horizontal PC

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 November 16, 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.