

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, 2000

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other
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 975' FNL & 795' FWL Unit (D) Sec. 32, T30N, R3W

At top prod. interval reported below 814' FNL & 1541' FWL Unit (C) Sec. 32, T30N, R3W

At total depth 273' FNL & 1067' FEL Unit (A) Sec. 32, T30N, R3W

14. Date Spudded

03/27/07

15. Date T.D. Reached

04/02/07

16. Date Completed

☐ D & A ☒ Ready to Prod.
04/18/07

18. Total Depth:

MD 6890'
TVD 3691'

19. Plug Back T.D.:

MD 6890'
TVD 3691'

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"	8-5/8"	24# J-55	0'	313'		250, G	53	0' - circ	0'
7-7/8"	5-1/2"	17# J-55	0'	4202'		700, POZ	184	0' - circ	0'
4-3/4"	2-7/8"	7.9# N-80	4144'	6890'		NONE			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"	4144'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	3596'	3687'	7 pre-perf joints	0.75"	196	Open
	TVD	TVD	w/28 holes/it w/tops @			
			MD6859', 6425', 5991'			
			5553', 5144', 4709', 4149'			

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

Depth Interval	Amount and type of Material
MD4149'-6890'	Horizontal PC lateral - No formation stimulation - See Attached Wellbore Diagram

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	04/17/07	3	→		127				Flowing
Choke Size	Tbg. Press Flwg. PSI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/4"	675		→		1,015				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)

NMOCD

ACCEPTED FOR RECORD

APR 19 2007

FARMINGTON FIELD OFFICE
T. Solvers

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	3726' TVD	3817' TVD	GAS	San Jose Nacimiento Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis	MD Surface 2139' 2139' 3222' 3232' 3436' 3490' 3602' 3748' 3726' 4046' 3817'

32. Additional remarks (include plugging procedure):

JICARILLA 464-32 #111 PC Horizontal Lateral - See Attached Wellbore Diagram

33. Circle enclosed attachments:

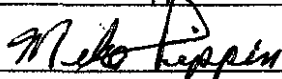
- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 5. Core Analysis | 7. Other: | |

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 April 18, 2007

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 or cause to be made any false, fictitious or fraudulent statements or representations as to any matter.

Jicarilla 464-32 #111

Well Bore Diagram
Post Drilling Wellbore Diagram

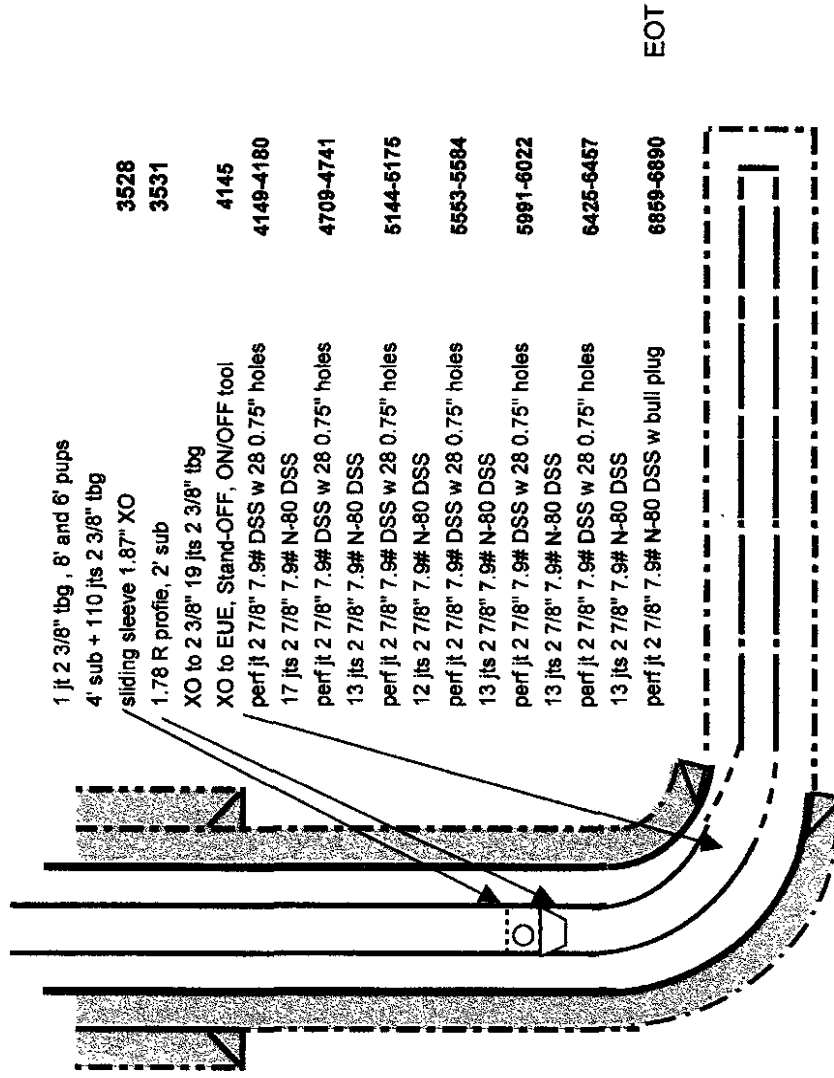
API # 30-039-29887

UNIT D NW NW, Sec 32, T30N, R3W Rio Arriba, NM

4/10/2007

Elev. GL= 7130'
Elev. KB= 7143'

8 5/8" 24 # J-55 casing @ 301'
TOC surf.



EOT

5 1/2" casing set to 4201' TOC
surf. Incl @ shoe = 85 deg 4
3/4" OH to 6890' MD

MD from surface

4201'

6890