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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FEB 20 2013

FORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

Farmington Field Office

Bureau of Land Management

5. Lease Serial No.

Jic 459

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name <b>Jicarilla Apache Tribe</b>	
b. Type of Completion: <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other <b>Clean up</b>		7. Unit or CA Agreement Name and No.	
2. Name of Operator <b>Black Hills Gas Resources</b>		8. Lease Name and Well No. <b>Jicarilla 459-17 #9</b>	
3. Address <b>3200 N 1st Street Bloomfield, NM 87413</b>		9. AFI Well No. <b>30-039-25763</b>	
3a. Phone No. (include area code) <b>(505) 634-5104</b>		10. Field and Pool or Exploratory <b>East Blanco Pictured Cliffs</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>1850' FNL &amp; 2510' FEL (SW/ NE) UL: G</b>  At top prod. interval reported below  At total depth <b>1850' FNL &amp; 2510' FEL (SW/NE) UL: G</b>		11. Sec., T., R., M., on Block and Surveyor Area <b>Sec. 17 T30N R3W</b>	
14. Date Spudded <b>2/14/1998</b>		15. Date T.D. Reached <b>2/21/1998</b>	
16. Date Completed <input type="checkbox"/> D&A <input checked="" type="checkbox"/> Ready to Prod. <b>1/27/05</b>		17. Elevations (DF, RKB, RT, GL) <b>7165' GL, 7177' KB</b>	
18. Total Depth: MD <b>3970'</b> TVD		19. Plug Back T.D.: MD TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>Dual Ind, Temp Survey</b>	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST Run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit Report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)		23. Casing and Liner Record (Report all strings set in well)	
24. Tubing Record		25. Producing Intervals	
26. Perforation Record		27. Acid, Fracture, Treatment, Cement Squeeze, etc.	
28. Production - Interval A		28a. Production - Interval B	

\*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

FEB 21 2013

FARMINGTON FIELD OFFICE  
FY

NMOCDA

## 28a. Production - Interval C

Date First Produce	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	
			→						

## 28a. Production - Interval d

Date First Produce	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 (Solid, used for fuel, vented, etc.)

## 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
				San Jose	0'
				Nacimiento	2055'
				Ojo Alamo	3183'
				Kirtland	3419'
				Fruitland	3651'
				Pictured Cliffs	3734'
				Lewis	3803'

32. Additional remarks (include plugging procedure):

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

34. 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) Daniel ManusTitle Regulatory TechnicianSignature Date 02/20/13

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.

(Continued on page 3)

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