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OIL CONS. DIV.  
DIST. 3UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUL 31 2012

Farmington Field Office

Bureau of Land Management

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No

Contract 459

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,  
Other6. If Indian, Allottee or Tribe Name  
**Jicarilla Apache Tribe**

7. Unit or CA Agreement Name and No.

2. Name of Operator

**Black Hills Gas Resources****"CORRECTED REPORT"**

8. Lease Name and Well No.

**Jicarilla 459-17 #11**

3. Address

**3200 N 1st Street, Bloomfield, NM 87413**

3a. Phone No (include area code)

**(505) 634-5104**

9. API Well No.

**30-039-25906**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface **1188'FSL & 1603'FEL SW/SE (UL: O)**At top prod. interval reported below **1163'FSL & 1621' FEL (SW/SE) (UL: O)**At total depth **2223'FSL & 1207'FWL NW/SW (UL: L)**10. Field and Pool or Exploratory  
**East Blanco Pictured Cliffs**11. Sec., T., R., M., on Block and  
Surveyor Area  
**Sec. 17, T30N R3W**

12. County or Parish

**Rio Arriba**

13. State

**NM**14. Date Spudded  
**7-13-98**15. Date T D Reached  
**9-11-04**

16. Date Completed

☐ D&A ☒ Ready to Prod. **9/22/04**17. Elevations (DF, RKB, RT, GL)  
**7291'GL / 7304'KB**18. Total Depth: MD **6558**  
TVD **3854**19. Plug Back T D.: MD **6558**  
TVD **3854**20. Depth Bridge Plug Set: MD  
TVD

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

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST Run? ☒ No ☐ Yes (Submit Report)  
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", K55	24	0	525'		300H	63	0'-Circ	
								94sxs	
7-7/8"	5-1/2", K55	15.5	0	4095'		730 POZ		0'-circ	
								60sxs	
4-3/4"	Open Hole		3826	6558'		NA			

## 24. Tubing Record

Size	Depth Set (MD)	Pacher Depth (MD)	Size	Depth Set (MD)	Pacher Depth (MD)	Size	Depth Set (MD)	Pacher Depth (MD)
2-3/8"	4062							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A San Jose	0	2158	1668-1805		96	Sqz 75sx
B Ojo Alamo	3296	3535	3304-3354		152	Sqz 100sx
C Pictured Cliffs	3842	6558	Open Hole			
D						

## 26. Perforation Record

## 27. Acid/Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
1668 - 1805	Sqz 75 sx class B + 0.075 gps CFL-7L
3304 - 3354	Sqz 100 sx class B + 0.075 gps CFL-7L

## 28. Production - Interval A

Date First Produce	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
9/30/04	9/30/04	24	→	840					Flowing
Choke Size	Tbg. Press Flwg. SI	Csg. Press	24 HR. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	720	833	→	840				Producing	

## 28a. Production - Interval B

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	
			→						

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

ACCEPTED FOR RECORD

AUG 01 2012

FARMINGTON FIELD OFFICE

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
				Nacimiento	2158
				Ojo Alamo	3296
				Kirtland	3535
				Fruitland	3741
				Pictured Cliffs	3842
				Lewis	3929

## 32. Additional remarks (include plugging procedure):

Whipstock set @ 3826'

## 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 Hanus

Title

Regulatory Tech

Signature

Daniel Hanus

Date

July 31, 2012

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.

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