

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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MAY 12 2011

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

Armington Field  
Wells and Man

511 Lease Serial No.

Contract 464

6. If Indian, Allottee, or Tribe Name

Jicarilla Apache Tribe

7. If Unit or CA. Agreement Name and/or No.

8. Well Name and No.

Jicarilla 464-30 #724

9. API Well No.

30-039-30278

10. Field and Pool, or Exploratory Area

Basin Mancos

11. County or Parish, State

Rio Arriba, NM

**SUBMIT IN TRIPLICATE - Other Instructions on page 2.**

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

2. Name of Operator

Black Hills Gas Resources

3a. Address

3200 N 1st Street Bloomfield, NM 87413

3b. Phone No. (include area code)

(505) 634-1111

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1500' FNL & 920' FEL SE/NE Sec.30 T30N R3W Unit H

1650' FNL & 701' FEL SE/NE Sec.29 T30N R3W Unit H

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production ( Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Intermediate
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	<input checked="" type="checkbox"/> Casing
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation Clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

4/7/11 - MIRU Frontier Drilling Rig #15. Pressure test 13 3/8" surface csg to 1500 psi for 30 min, held ok. Pressure test kelly valve to 5000 psi for 30 min, blind rams to 5000 psi for 30 min, pipe rams to 5000 psi for 30 min, choke manifold and HCR valve to 5000 psi for 15 min, all ok. Test witnessed by Bryce Hammond, BLM.

4/9/11 - Drill out 13 3/8" float shoe at 405'. Begin drilling 12 1/4" hole.

4/16/11 - TD 12 1/4" intermediate hole at 4250'.

4/17/11 - Ran 9 5/8", 40#, J-55 csg and landed at 4237'. DV Tool at 3340'.

4/18/11 - Halliburton cemented csg as follows: 1st Stage - lead cmt 230 sx Halliburton Lite Premium with 5#/sk Gilsonite, 0.125 #/sk Poly-flake, 1 #/sk Pheno Seal medium, 0.4% HR-5, 11.5 ppg, 2.41 yield, (554 cu ft) followed by tail cmt 180 sx class G Premium with 0.125 #/sk Poly-flake, 0.2% Halad 9, 15.8 ppg, 1.15 yield, (207 cu ft). 2nd Stage thru DV tool - lead cmt 1450 sx Halliburton Lite Premium with 5#/sk Gilsonite, 0.125 #/sk Poly-flake, 0.1% HR-5, 12.5 ppg, 1.82 yield, (2639 cu ft) followed by tail cmt 60 sx class G Premium with 0.125 #/sk Poly-flake, 0.2% Halad 9, 15.8 ppg, 1.15 yield, (69 cu ft). Lost circulation 187 bbls into displacement.

4/19/11 - BWWC ran temperature log from 3317' to surface. TOC at 660'. Temperature log witnessed by Bryce Hammond, BLM. Drill out DV tool. Drill out cmt to 4230'. Pressure test 9 5/8" csg to 1480 psi for 10 min, held ok. No BOP test needed, BOP was not ND due to type of wellhead being used.

14. I hereby certify that the foregoing is true and correct. Name (Printed/ Typed)

Daniel Manus

Regulatory Technician

Title

Signature

Date

May 12, 2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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 any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

MAY 13 2011

NMOCD

FARMINGTON FIELD OFFICE