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FEB 05 2013

Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFarmington Field Office
Bureau of Land Management
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.

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, Inc.

3a. Address

3200 N 1st St, Bloomfield, NM 87413

3b. Phone No. (include area code)

(505) 634-5104

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

1498 FSL & 1144 FWL Section 9 T30N R3W

5. Lease Serial No.

Contract 457

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 457 #1

9. API Well No.

30-039-24106

10. Field and Pool, or Exploratory Area

E. Blanco PC & Carbreto Cny Tert.

11. County or Parish, State

Rio Arriba County, New Mexico

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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be 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 recompleat 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 reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

Black Hills Gas Resources has plugged & abandoned this well as follows:

See attachment.

RCVD FEB 7 '13
OIL CONS. DIV.
DIST. 3

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

Daniel Manus

Regulatory Technician

Title

Signature

Date

2/5/13

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

FEB 06 2013

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.

Office

FARMINGTON FIELD OFFICE
FV S-11

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)

NMOCDAV

1/8/13: 7:30 AM, Notified BLM, NMOCD, JAT-BLM of upcoming operations. MIRU Professional Well Service Rig #4.

1/9/13: SICP & SITP 600 PSI. Blow well down to 100 psi. Check SIBHP, 0 PSI. Pump 30 bbls down csg, on vacuum. Blow down tbq to 0 psi. Unseat pump. TOH with rods & pump. SDFN.

1/10/13: SICP 60 psi. SITP 40 psi. SIBHP 0 psi. Blow well down. No H2S. ND WH. NU BOP. Function test BOP. TOH with tbq. Holes in tbq from 1950' to 2080'. Receive approval from Bryce Hammond, JAT-BLM, Brandon Powell, NMOCD to set cmt retainer at 1900' on Nacimiento plug #3. Made scraper trip. Worked down to 3145'. TOH. Received approval from Brandon Powell, NMOCD & Bryce Hammond, JAT-BLM to pump 40 sx balanced cmt plug to cover PC, Fruitland & Kirtland tops, WOC, tag cmt, spot 2nd balanced plug from top of plug #1 with excess to cover Ojo Alamo. Bryce Hammond will get BLM engineer approval on plugs #1 & 2. SDFN. Bryce Hammond JAT-BLM on location.

1/11/13: SD operations due to snow & slick conditions.

1/14/13: SICP 0 psi. SIBHP 0 psi. TIH with plugging sub to 3698'. Circ well clean with 60 bbls. Mix & pump **Cmt Plug #1** (40 sx, 47.2 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt, 2% CaCl₂) inside csg from 3762' to 3222'. TOH. WOC. TIH, tag plug #1 at 3260'. Circ well clean with 20 bbls. Mix & pump **Cmt Plug #2** (40 sx, 47.2 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt, 2% CaCl₂) inside csg from 3260' to 2720'. TOH. SDFN. Bryce Hammond, JAT-BLM on location.

1/15/13: SICP on vacuum & SIBHP 0 psi. TIH, tag plug #2 at 2834'. Pressure test casing to 1000 psi for 5 min, good test. TOH. Perf csg at 2028' with 3 holes. Attempt to establish injection rate into perfs with 1400 psi. Bled off at rate of 100 psi in 30 sec. Bled to 600 psi & stopped. Received approval from Brandon Powell, NMOCD & Bryce Hammond, JAT-BLM & Steve Mason, BLM to spot inside plug. TIH to 2093'. Mix & pump **Cmt Plug #3** (36 sx, 42.5 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) inside csg from 2093' to 1607'. TOH. Expose & remove BH piping. Found cmt inside BH to surface. Bryce Hammond, BLM approved not pressure testing BH due to cmt already at surface. Brandon Powell, NMOCD approved same 1/22/13. SDFN. Bryce Hammond, JAT-BLM on location.

1/16/13: SICP 0 psi. SIBHP 0 psi. TIH. Tag cmt plug #3 at 1752'. TOH to 194'. Mix & pump **Cmt Plug #4** (24 sx, 28.3 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) inside csg from 194' to surface. Circ 4 sx cmt to pit. TOH. ND BOP. NU WH. RDMO rig. Dig out cellar. Cut off WH. TOC at 6' in 4 1/2 csg. TOC at surface in 4 1/2" x 7 5/8" annulus. Mix & pump 10 sx, class B cmt & set DH marker. Bryce Hammond, JAT-BLM on location.