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Form 3160-5

(August 2007)

NOV 04 2013

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

Farmington Field Office Bureau of Land Management

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 (P.O. Box 249, Bloomfield, NM 87413)
3b. Phone No. (505) 634-5104
4. Location of Well (1840' FAL & 1725' FEL NW/SE Section 31 T30N R3W (UL: J))

5. Lease Serial No. (Jicarilla 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 464-31 #233)
9. API Well No. (30-039-30195)
10. Field and Pool, or Exploratory Area (East Blanco Pictured Cliffs)
11. County or Parish, State (Rio Arriba County, New Mexico)

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

Table with columns TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Acidize, Deepen, Production, etc.

13. Describe Proposed or Completed Operation Clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof.

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

See attachment.

RCVD NOV 6 '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

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.

Office

ACCEPTED FOR RECORD

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.

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(Instructions on page 2)

FARMINGTON FIELD OFFICE

NMOCDAV



## Black Hills Gas Resources

### Jicarilla 464-31 #233 Plug and Abandon report

- 10/18/13:** 12:45 PM, Notified Bryce Hammond, JAT-BLM, BLM & Brandon Powell, NMOCD of upcoming operations.
- 10/21/13:** MIRU A-Plus Well Service Rig #5 & McGuire H2S monitor trailer. Dig out cellar. BH bull plugged. SITP 18 psi. SICP 18 psi. SI 1.9" parasite string press 18 PSI. Blow down well. No H2S monitored. TOH, LD rods & pump. Remove bull plug on BH. On slight vacuum. Install valve on BH. SDFN.
- 10/22/13:** SITP 0 PSI. SICP 10 psi. SIBHP 0 psi. SIPSP 0 PSI. Blow down well. No H2S monitored. Pump 40 bbl down tbq. ND WH. NU & function test BOP. TOH lay down 2 3/8" prod tbq. TIH with 5 1/2" string mill & bit on 2 7/8" workstring to 3500'. SDFN.
- 10/23/13:** SITP 0 PSI. SICP 0 psi. SIBHP 0 psi. SIPSP 0 PSI. No H2S monitored. Finish TIH to 4190'. TOH. Pump 80 bbl flush down csg. TIH with 7" Hydro-set CIBP. Set at 4180'. Release, load hole & establish circ out 7" csg with 90 bbl, pump 170 bbls total. Shut csg valves, open parasite string valve. Pump 3/4 bbl, press up to 950 psi, unable to circulate up parasite string. Pump 6 bbl down parasite string, establish circulation up 7" csg. Attempt to estab circ up parasite string, pressured up to 800 psi. Pressure test 7" csg to 800 psi, held ok. Fill BH with 1/4 bbl. Test BH to 300 psi, held ok. Circulate 105 bbls down parasite string, up 7" csg to completely flush csg. Attempt to estab circ up parasite string, pressured up to 800 psi. Mix & pump Cmt Plug #1 (80 sx, 94.4 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 4180' to 3753' to isolate PC & Fruitland. TOH to 2570'. SDFN. Bryce Hammond, Reuben Perea, JAT-BLM on location.
- 10/24/13:** SITP 0 PSI. SICP 0 psi. SIBHP 0 psi. SIPSP 0 PSI. No H2S monitored. TIH to 3521'. Load hole with 4.5 bbl, pump 5.5 bbl total. Mix & pump Cmt Plug #2 (85 sx, 100.3 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 3521' to 3068' to cover Kirtland & Ojo Alamo tops. TOH to 2629'. Load parasite string with 6 bbls. Estab circ down parasite string, out 7" csg, pump 10 bbl total. Mix & pump Cmt Plug #3 (86 sx, 101.5 cu ft, 15.4 ppg, 1.18 yield, class 'B' cmt) from surface to 2696' in 1.9" parasite string & from 2696' to 2414' in 7" csg to cover parasite string. SD pump & SI csg valve after 80 sx, pump & sqz last 6 sx to top off parasite string. Left SI with 300 psi on parasite string. SDFN. Received ok to change plug #3 procedure to pump cmt down parasite string from B. Hammond JAT-BLM at 4:15 pm, 10/23/13 & from S. Mason BLM & C. Perrin NMOCD at 7:40 am, 10/24/13. Bryce Hammond, Reuben Perea, JAT-BLM on location.
- 10/25/13:** SICP 0 psi. SIBHP 0 psi. SIPSP 0 PSI. No H2S monitored. TIH. Tag plug #3, TOC at 2438'. TOH to 1989'. Load well with 2 bbls. Pump 5 bbl total. Mix & pump Cmt Plug #4 (36 sx, 42.48 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 1989' to 1797' to cover Nacimiento top. TOH to 319'. Load hole with 5 bbls. Mix & pump Cmt Plug #5 (81 sx, 95.58 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 319' to surface to cover surf csg shoe & surface. Circ good cmt out csg valve. TOH. ND BOP. Dig out & cut off wellhead. Cmt 6' down in 7" csg, at cut off point in 13 3/8" csg & 2' down in 1.9" parasite string. RD pulling unit. Mix & pump 25 sx 15.6# class 'B' cmt to top off & set DHM. RD equipt. Release rig. Reuben Perea JAT BLM on location.