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Form 3160- 5 (August 2007)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

AUG 29 2013

FORM APPROVED

| OMB    | No. | 1004- | 01 |
|--------|-----|-------|----|
| 01.135 |     |       |    |

BUREAU OF LAND MANAGEMENT

Expires: July 31,2010

|  | BUREAU OF LAND   |   | Farmington Field                        | Onice                |   |  |
|--|--|---|---|----------------------|---|--|
| s  | 5 Clease Serial No.<br>Jicarilla Contract 459                                      |   |   |                      |   |  |
| Do not use this form for proposals to drill or to re-enter an  |  |   |   |                      | 6. If Indian, Allottee, or Tribe Name   |  |
| abandoned well. Use Form 3160-3 (APD) for such proposals.  |  |   | Jicarilla Apache Tribe                  |                      |   |  |
| SUBMIT   | IN TRIPLICATE - Other Inst   | ructions on page                          | 2.                                      |                      | Agreement Name and/or No.   |  |
| 1. Type of Well  |  |   |   |                      |   |  |
| Oil Well Gas Well Other  |  |   |   | 8. Well Name and No. |   |  |
| 2. Name of Operator  |  |   | Jicarilla 459 SJ #1                     |                      |   |  |
| Black Hills Gas Resources, Inc.  |  |   | 9. API Well No.                         |                      |   |  |
| 3a. Address 3b. Phone No. (include area code)  |  |   | 30-039-26241                            |                      |   |  |
| 3200 N 1st St, Bloomfield, NM 87413 (505) 634-5104   |  |   | 10. Field and Pool, or Exploratory Area |                      |   |  |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  15721 EST 2. 2004 EET NE/SE Section 19 T20N D23N (TH. I)   |  |   | Cabresto Canyon Tertiary                |                      |   |  |
| 1572' FSL & 896' FEL NE/SE Section 18 T30N R3W (UL: I)   |  |   | 11. County or Parish, State             |                      |   |  |
|  |  |   |   |                      | ba County, New Mexico   |  |
| 12. CHECK APPR   | ROPRIATE BOX(S) TO INDIC   | CATE NATURE OF                            | NOTICE, REPORT, C                       | OR OTHER DA          | ATA   |  |
| TYPE OF SUBMISSION   |  |   | TYPE OF ACTION                          |                      |   |  |
| Notice of Intent   | Acidize  | Deepen                                    | Production ( S                          | tart/ Recume)        | Water Shut-off  |  |
| Notice of Intent   | Acidize  | Треевен                                   | rroduction(5                            | tan Resume)          |   |  |
|  | Altering Casing  | Fracture Treat                            | Reclamation                             |                      | Well Integrity  |  |
| Subsequent Report  | Casing Repair  | New Construction                          | Recomplete                              |                      | Other   |  |
| 2/   | Change Plans   | Plug and abandon                          | Temporarily A                           | bandon               |   |  |
|  |  | <br>1                                     |   |                      |   |  |
| Final Abandonment Notice  '13. Describe Proposed or Completed O  | Convert to Injection   | Plug back                                 | Water Disposa                           |                      |   |  |
| following completion of the involved operations. If the operation results in a multiple completion or recompletion 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.)  8/21/13: 11:00 AM, Notified Bryce Hammond JAT-BLM, BLM & NMOCD of upcoming operations.  8/22/13: MIRU A-Plus Well Service Rig #14 & McGuire H2S monitor trailer. SITP 1 psi. SICP 60 psi. SIBHP 0 psi. 17 ppm H2S on tbg, No H2S on csg or BH. Pump 4 ½ bbl down tbg. Pressure up & held 300 psi. Load BH with less than 1/8 bbl. Pressure test BH with 300 psi, held ok. Blow csg down to pit. No H2S monitored. Unseat pump, LD 1 rod. Pump 10 bbl mixed with 5 gal bleach down tbg. Pump 10 bbl FW down tbg to kill well. TOH with rods & pump. ND WH. NU function test BOP. TOH with 2 3/8", 4.7#, J-55 prod tbg. Make scraper trip to 1009'. TOH. TIH & set cmt retainer at 981'. TOH. SDFN.  8/23/13: SICP 0 psi. SIBHP 0 psi. Function test BOP. TIH. Tag CR at 981'. Circ csg with 17 bbl. Pressure test csg with 800 psi, held ok 5 min. Mix & pump Cmt Plug #1 (20 sx, 23.6 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 981' to 718' to isolate San Jose perfs. TOH to 299'. Pump 1 1/4 bbl ahead. Mix & pump Cmt Plug #2 (28 sx, 33.04 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 299' to surface to cover 8 5/8" csg shoe & surface. Circ good cmt out csg valve. TOH. ND BOP. Dig out & cut off wellhead. Cmt at 28' in 4 1/2" csg & cut off pt in 8 5/8" csg. RD rig. Mix & pump 22 sx 15.6# class 'B' cmt to top off csg & set DHM. RD equipt & release rig. Bryce Hammond JAT-BLM on location. |  |   |   |                      |   |  |
| 14. I hereby certify that the foregoing is   | true and correct. Name (Printed/Type   | d)  |   |                      |   |  |
| Daniel Manus   |  | Regulat                                   | tory Technician II                      |                      |   |  |
| Signature Lanul  | Manus  | Date AC                                   | 150st 28                                | 3,201                | 3   |  |
| THIS SPACE FOR FEDERAL OR STATE OFFICE USE   |  |   |   |                      |   |  |
| Approved by  |  |   |   |                      |   |  |
|  |  | Title                                     | e                                       | Da                   | ite   |  |
| Conditions of approval, if any are attached that the applicant holds legal or equitable  | title to those rights in the subject lease   |   | ice                                     |                      |   |  |
| entitle the applicant to conduct operation   | s thereon.   |   | l inchi i                               |                      | Activities and a  |  |
| Title 18 U.S.C. Section 1001 AND Title fictitious or fraudulent statements or repr   | 43 U.S.C. Section 1212, make it a crime esentations as to any matter within its ju | e tor any person knowing:<br>irisdiction. | iy and willfully to make any c          | epartment or agence  | Management of the State of the |  |

(Instructions on page 2)

AUG 3 0 2013

