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Form 3160-5  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APR 15 2013

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>Contract 464</b>
2. Name of Operator <b>Black Hills Gas Resources, Inc.</b>		6. If Indian, Allottee, or Tribe Name <b>Jicarilla Apache Tribe</b>
3a. Address <b>3200 N 1st St, Bloomfield, NM 87413</b>	3b. Phone No. (include area code) <b>(505) 634-5104</b>	7. If Unit or CA. Agreement Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1,600 FSL &amp; 1,800 FEL Sec. 29 T30N R3W (UL: J)</b>		8. Well Name and No. <b>Jicarilla 464-29 #10</b>
		9. API Well No. <b>30-039-25761</b>
		10. Field and Pool, or Exploratory Area <b>E. Blanco PC/Caabresto Cnyn Tert.</b>
		11. County or Parish, State <b>Rio Arriba County, New Mexico</b>

## 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	

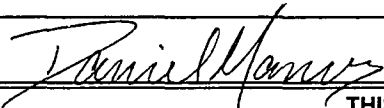
13. Describe Proposed or Completed Operation Clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths 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 reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Black Hills Gas Resources has plugged &amp; abandoned this well as follows: See Attachment

RCVD APR 18 '13

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/ Typed) <b>Daniel Manus</b>		Title <b>Regulatory Technician</b>	
Signature 		Date <b>4-15-13</b>	
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	

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)

RECEIVED FOR RECORD

APR 16 2013

NMOCDA

FARMINGTON FIELD OFFICE

TY



## Black Hills Gas Resources

Jicarilla 464-29 #10

Rio Arriba County, New Mexico

3/25/13: 8:00 AM, Notified BLM, NMOCD, JAT-BLM of upcoming operations. MIRU A Plus Well Service Rig #14. SITP 130 psi. SICP 130 psi. SIBHP 0 psi. Set up H2S monitors. Bled well down. No H2S monitored. Pump 22 bbl down csg. ND WH. NU BOP. SDFN.

3/26/13: SITP 5 PSI. SICP 90 psi. SIBHP 0 psi. Bled well down. No H2S monitored. Pump 10 bbl down tbg & 10 bbl down csg. Worked tbg up to 28,000# & down to stack out attempting to release on-off tool for 2 hrs. While pulling 16,000#, tbg came free. TOH, LD 84 jts 2 3/8", 4.7#, J-55 tbg & 1 parted jt. Tbg scaled up & deteriorated. Top of fish at 2701'. Request by Rod Velarde, JAT-BLM & Charlie Perrin, NMOCD at 3:45pm to attempt to recover tbg closer to pkr. SDFN. Rod Velarde, JAT-BLM on location.

3/27/13: SICP 210 psi. SIBHP 0 psi. Blow well down, 2 ppm H2S. TIH with overshot & washpipe on 2 3/8" workstring. Latch onto fish. Ran 1 1/4" gage ring on wireline. Had to work thru top of fish. Ran to 3596'. Ran 1 1/4" jet cutter & cut tbg at 3588'. Attempt to work tbg free with 26,000# without success. Ran 1.40" gage ring on wireline to 3533'. Unable to get deeper. Received approval from Rod Velarde, JAT-BLM, Steve Mason, BLM & Charlie Perrin, NMOCD at 2:30pm to cut tbg at 3533'. Ran 1.40" jet cutter & cut tbg at 3530'. Work tbg, came free with 28,000# pull. TOH. Recovered 5.5' of parted jt & 19' of next jt. Tbg recovered had multiple large holes. Top of fish at 2725'. SDFN. Rod Velarde, JAT-BLM on location.

3/28/13: SICP 100 psi. SIBHP 0 psi. Blow well down, no H2S. TIH with overshot & washpipe on 2 3/8" workstring. Latch onto fish. Attempt to work fish free pulling 56,000# for 4 hrs. Drug up hole 5'. Unable to move up or down any further. Work overshot off fish. Received approval from Rod Velarde, JAT-BLM, Steve Mason, BLM & Charlie Perrin, NMOCD at 1:45pm to spot 800' cmt plug above top of fish. TOH. TIH with plugging sub. Tag top of fish at 2720'. Pump total 110 bbl. No circ or blow out csg valve. Mix & spot **Cmt Plug #1** (90 sx, 106.2 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) inside csg from 2720' to 1926' to cover PC, Fruitland, Kirtland, OA interval & Nacimiento perms. TOH. SDFN. Rod Velarde, JAT-BLM on location.

3/29/13: SICP vacuum. SIBHP 0 psi. TIH. Tag plug #1 at 2581'. Request by Rod Velarde, JAT-BLM, Steve Mason, BLM & ok by Charlie Perrin NMOCD at 9:00am to pump Nac plug from 2581'. Pump 45 bbl. No circ or blow out csg valve. Mix & spot **Cmt Plug #2** (95 sx, 112.1 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) inside csg from 2581' to 1742'. TOH. SDFWE.

4/1/13: SICP vacuum. SIBHP 0 psi. No H2S. TIH. Tag plug #2 at 1685'. TOH. Make scraper trip to 1453'. Ran & set cmt retainer at 1453'. Release tbg from cmt retainer. Load bradenhead with 2 bbl. Attempt to pressure test & seal blew out in csghead. Load 5 1/2" csg with 29 bbls & circulate hole clean. Pressure test csg to 700 psi, held ok 5 min. Received approval from Rod Velarde, JAT-BLM & Charlie Perrin, NMOCD to to top off bradenhead after cutting off wellhead. Mix & spot **Cmt Plug #3** (20 sx, 23.6 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) inside csg from 1453' to 1277'. TOH. TIH to 605'. Mix & pump **Cmt Plug #4** (87 sx, 102.7 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 605' to surface. Pump 77 sx & circ good cmt out csg valve. TOH to 74'. Pump 10 sx to circulate good cmt out csg valve again. ND BOP. Cut off wellhead. TOC at 41' in 8 5/8" csg & at cutoff in 5 1/2" csg. RD rig. Mix & pump 26 sx 15.6# class B cmt to top off csqs & set DH marker. Release A Plus Rig #14. Rod Velarde, JAT-BLM on location.