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Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Farmington Field Office

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

3a. Address
P.O. 249 / 3200 N 1st Street, Bloomfield, NM

3b. Phone No. (include area code)
(505) 634-1111

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1695' FSL & 1812' FEL NW/SE (Unit J) Section 23 T30N R3W

5. Lease Serial No.
Contract 462

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 462-23 #33

9. API Well No.
30-039-29269

10. Field and Pool, or Exploratory Area
Basin Dakota ~~300~~ Basin Mancos

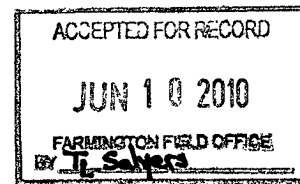
11. County or Parish, State
Rio Arriba, New Mexico

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 checked="" 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input 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 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 reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

See attachment



RCVD JUN 11 '10
OIL CONS. DIV.
DIST. 3

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

Daniel R. Marus

Regulatory Technician

Title

Date

Signature

9-Jun-10

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)

NMOCD

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this

form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or

present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE


The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c); and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3 - 2, 3162.3 - 3, 3162.3 - 4.

 The Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.) requires us to inform you that:

This information is being collected to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

BLM would like you to know that you do not have to respond to this or any other Federal agency -sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer, (WO-630), Mail Stop 401 LS, 1849 C St., N.W., Washington D.C. 20240



Black Hills Gas Resources

Jicarilla 462-23 #33

Surface Location: 1,695' FSL 1,812' FEL (NW/SE) Unit J

Sec.23 T30N R3W

Rio Arriba County, New Mexico

Lease: Contract 462

5/3/10- MIRU compl rig. Set 4 1/2" pkr in top of liner at 3530'. 5/4/10- Pressure test 4 1/2" liner to 1500 psi for 30 min, OK. ✓ TOH. Set 7" RBP at 3465'. Pressure test 7" csg to 1500 psi for 30 min, OK. ✓ Pull RBP. Cut liner below liner hanger at 3520'. Ran spear and retrieved liner hanger. Dress off top of liner. Ran Logan 10k high pressure packoff overshoot on 4 1/2", 11.6#, N-80 csg and engaged liner. NU WH & frac head. Pressure test 4 1/2" csg & frac head to 6200 psi for 15 min, ok. 5/9/10- RDMO compl rig. SD operations until ready to start recompletion. ✓

5/14/10- Perforate Mancos 1st stage at 7478-7607' overall with 14 - 1' perf intervals, 3spf, .34" diam, 42 holes total. Perform DFIT injection test. 5/21/10- Acidize perfs with 2100 gal 15% HCL. Frac Stage 1 perfs with 7500# 100 mesh white sand, 261,097# 40/70 AZ brown sand, and 9395 bbls slick water. Set CBP at 7466'. Press test to 5800 psi, ok. Perforate Mancos 2nd stage at 7374-7451' overall with 9 - 1' perf intervals, 3spf, .34" diam, 27 holes total. Acidize perfs with 1900 gal 15% HCL. Frac Stage 2 perfs with 7500# 100 mesh whitesand, 155,198# 40/70 AZ brown sand, and 5763 bbls slick water. Set CBP at 7362'. Press test to 5800 psi, ok. SD to refill tanks. 5/27/10- Perforate Mancos 3rd stage at 7258-7340' overall with 10 - 1' perf intervals, 3spf, .34" diam, 30 holes total. Acidize perfs with 2000 gal 15% HCL. Frac Stage 3 perfs with 6400# 100 mesh white sand, 165,658# 40/70 AZ brown sand, and 5970 bbls slick water. Set CBP at 7250'. Press test to 5900 psi, ok. Perforate Mancos 4th stage at 7162-7232' overall with 11 - 1' perf intervals, 3spf, .34" diam, 33 holes total. Acidize perfs with 2000 gal 15% HCL. Frac Stage 4 perfs with 9440# 100 mesh white sand, 150,565# 40/70 AZ brown sand, and 5809 bbls slick water. Set CBP at 6990'. Press test to 4700 psi, ok. ✓

5/29/10- MIRU compl rig. Drill out CBPs. Flowed back & cleaned up well. 6/8/10- Ran 2 3/8", 4.7#, J-55 prod tbg with WLREG and pump out plug on bottom. Landed tbg at 7077'. ND BOPs. NU WH. Pump out plug. 6/9/10- Tested well on 1/8" ck for 4 hrs at 1080 psi for 140 MCFD and 5 BWPH. Released compl rig on 6/9/10. ✓