

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 13 2008

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

Bureau of Land Management
Farmington

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 reverse side.

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. (include area code) **505-634-1111**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Surface: 1980' FNL & 660' FWL Unit E Sec 9, T28N, R2W
Bottom Hole: 2148' FNL & 1079' FEL Sec 9, T28N, R2W

5. Lease Serial No. **MDA 701-98-0013**

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 28-02-09 #21

9. API Well No.
30-039-29318

10. Field and Pool, or Exploratory Area
East Blanco, Pictured Cliffs

11. County or Parish, State
Rio Arriba, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 or pertinent markers and sands. 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 GasResources intends to plug and abandon this well as per the attached procedure dated 4-29-2008. The Jicarilla Apache Nation Department of Water Administration has indicated that they DO NOT want this well as a water source well.

RCUD MAY 16 '08

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct.

Name (Printed/ Typed)

Loren Diede

Title

Consultant (Agent)

Signature

Date

13-May-08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

MAY 14 2008

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.

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)

NMOC

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 25 minutes 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

PLUG AND ABANDONMENT PROCEDURE

April 29, 2008

Jicarilla 28-02-09 #21

East Blanco Pictured Cliffs
Surface: 1980' FNL and 660' FWL, Section 9, T28N, R2W
Production: 2148' FNL & 1079' FEL, Section 9, T28N, R2W
Rio Arriba County, New Mexico / API 30-039-29318

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. Project will require a Pit Permit (C103) from the NMOCD.
2. Install and test location rig anchors. Prepare and line a waste fluid pit. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes____, No X, Unknown____
Tubing: Yes X, No____, Unknown____, Size 2.375", Length 3485'.
Packer: Yes____, No X, Unknown____, Type____.
If well has rods or a packer, then modify the work sequence in Step #2 as appropriate.
4. TOH and visually inspect tubing. If necessary, LD tubing and PU workstring. Round trip 5.5" casing scraper or gauge ring to 3940', or as deep as possible..
5. **Plug #1 (Pictured Cliffs interval, Fruitland, Kirtland and Ojo Alamo tops, 3940' – ^{3289'}3425')**: RIH and set cement retainer at 3940'. Load casing with water and circulate well clean. Pressure test tubing to 1000 PSI. Pressure test casing to 800 PSI. Mix and pump 66 sxs Class G cement and spot a balanced plug above CR to isolate the Pictured Cliffs interval and cover through the Ojo Alamo top. PUH.

2258' 2158'
6. **Plug #2 (Nacimiento top, ~~2063'~~ – 1963')**: Mix 18 sxs Class G cement and spot a balanced plug inside casing to cover the Nacimiento top. PUH.
7. **Plug #3 (8.625" Surface Casing, 324' – Surface)**: Attempt to pressure test the bradenhead annulus to 300#. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 40 sxs Class G cement and spot a balanced plug from 324' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing and the annulus.
8. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Jicarilla 28-02-09 #21

Current - Directional

East Blanco Pictured Cliffs

Surface: 1980' FNL & 660' FWL, NW, Section 9, T-28-N, R-2-W
Production: 2148' FNL & 1079' FEL, NE, Section 9, T-28-N, R-2-W

Rio Arriba County, NM / API #30-039-29318

Today's Date: 4/29/08

Spud: 2/18/05

Completion: 4/26/05

Elevation: 7343' GI
7356' KB

12.25" hole

TOC @ Surface, circ 54 bbls

8.625" 24#, K-55 Casing set @ 274'
Cement with 200 sxs (Circulated to Surface)

Nacimiento @ 2013'

Ojo Alamo @ 3475' TVD

Kirtland @ 3549' TVD

Fruitland @ 3636' TVD

Pictured Cliffs @ 3680' TVD

2.375" Tubing at 3485'
(Tubing hanger, 107 jts, XO, tubing
pump with 20' 1" dip tube at 3415', XO,
SN, Perf sub, 2 joints tail pipe, Bull plug)
Note: rods pulled 2006.

7.875" hole

5.5" 15.5#/17#, J-55 Casing set @ 3990', Inclination at
85 degrees at casing shoe.
Cemented with 995 sxs, circ 60 bbls to surface,

4.75" hole

Pictured Cliffs Open Hole Perforations:
Directional 3990' - 7040'

MVTD 7040'
TVD 3671'

Jicarilla 28-02-09 #21

Proposed P&A - Directional

East Blanco Pictured Cliffs

Surface: 1980' FNL & 660' FWL, NW, Section 9, T-28-N, R-2-W
Production: 2148' FNL & 1079' FEL, NE, Section 9, T-28-N, R-2-W

Rio Arriba County, NM / API #30-039-29318

Today's Date: 4/29/08

Spud: 2/18/05

Completion: 4/26/05

Elevation: 7343' GI
7356' KB

12.25" hole

TOC @ Surface, circ 54 bbls

8.625" 24#, K-55 Casing set @ 274'
Cement with 200 sxs (Circulated to Surface)

Plug #3: 324' - 0'
Class G Cement, 40 sxs

Plug #2: 2063' - 1963'
Class G Cement, 18 sxs

Plug #1: 3940' - 3425'
Class G Cement, 66 sxs

Nacimiento @ 2013'

Ojo Alamo @ 3475' TVD

Kirtland @ 3549' TVD

Fruitland @ 3636' TVD

Pictured Cliffs @ 3680' TVD

7.875" hole

Set CR @ 3940'

5.5" 15.5#/17#, J-55 Casing set @ 3990', Inclination at
85 degrees at casing shoe.
Cemented with 995 sxs, circ 60 bbls to surface,

4.75" hole

Pictured Cliffs Open Hole Perforations:
Directional 3990' - 7040'

MVTD 7040'
TVD 3671'

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 21 Jicarilla 28-02-09

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Bring the top of the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug to 3289'.
 - b) Place the Nacimiento plug from 2258' – 2158'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

