

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 28 2009

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter 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. c/o Mike Pippin LLC (Agent)**

3a. Address

**3104 N. Sullivan, Farmington, NM 87401**

3b. Phone No. (include area code)

**505-327-4573**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**500' FSL & 1650' FEL Unit O**

**Sec. 9, T29N, R02W**

5. Lease Serial No.

**MDA 701-98-0013, Tract 4**

6. If Indian, Allottee or Tribe Name

**Jicarilla Apache**

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**Jicarilla 29-02-09 #143**

9. API Well No.

**30-039-30080**

10. Field and Pool, or Exploratory Area

**East Blanco Pictured Cliffs**

**AND**

**Rio Arriba County, New Mexico**

**12. CHECK APPROPRIATE BOX(ES) 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"/> Alter 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 checked="" type="checkbox"/> Other Run New Liner |
|                                                       | <input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> & pkrs                 |
|                                                       | <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal                                                     |

13 Describe Proposed or Completed Operations (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 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 Notices 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.)

5/14/09: MIRUSU. TOH w/2-3/8" tbg. Landed 4-1/2" 11.6# N-80 liner @ 9496' w/liner hanger @ 4758' (no external seal). Liner has open hole pkrs @ 9136', 9122', 8772', 8462', 7946', 7391', 6837', 6289', 5737', 5182', & 5166' and ported sleeves @ 9312', 8947', 8639', 8206', 7648', 7097', 6544', 5993', 5442', & 4992'. A frac string of 4-1/2" 15.5# P-110 csg is attached to the liner. Released rig on 5/27/09. Wait on 8 stage frac stimulation.

RCVD JUN 2 '09  
OIL CONS. DIV.  
DIST. 3

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

**Mike Pippin**

Title

**Petroleum Engineer (Agent)**

Signature

*Mike Pippin*

Date

**May 28, 2009**

**THIS SPACE FOR FEDERAL OR STATE 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, makes it a crime for any person knowingly and willfully to make to 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 reverse)

NMOCD

ACCEPTED FOR RECORD

MAY 29 2009

FARMINGTON FIELD OFFICE  
BY *[Signature]*

**Jicarilla 29-02-09 #143**  
**CURRENT Wellbore Diagram For Frac**  
 API # 30-039-30080  
 SW SE, Sec 09, T29N, R2W Rio Arriba, NM

GL = 7365  
 KB = 7378

5/26/2009

**SURF CASING**

13 3/8" 48 # J-55 casing @ 264'  
 TOC surf.

TOC = 300' CBL 9-17-08  
 Calc TO 50/50 POZ = 2046'

DV Tool @ 2300'

TOC = 2385' CBL 9-17-08

**PROD CASING**

7", 23#, J-55 casing @ 4868',  
 DV tool @ 2300'. 1.9" parasite  
 string from surf to 2564'. Incln.  
 @ shoe = 86 deg Cmt'd Stg1  
 w/400 sx 50/50/3 POZ.& Stg 2  
 w/ 660 3% Econolite + 100 sx  
 50/50/3 POZ. Circ some chem  
 wash but no cement after 1st  
 Stg, circ 40 bbl to surf from  
 Stg2.

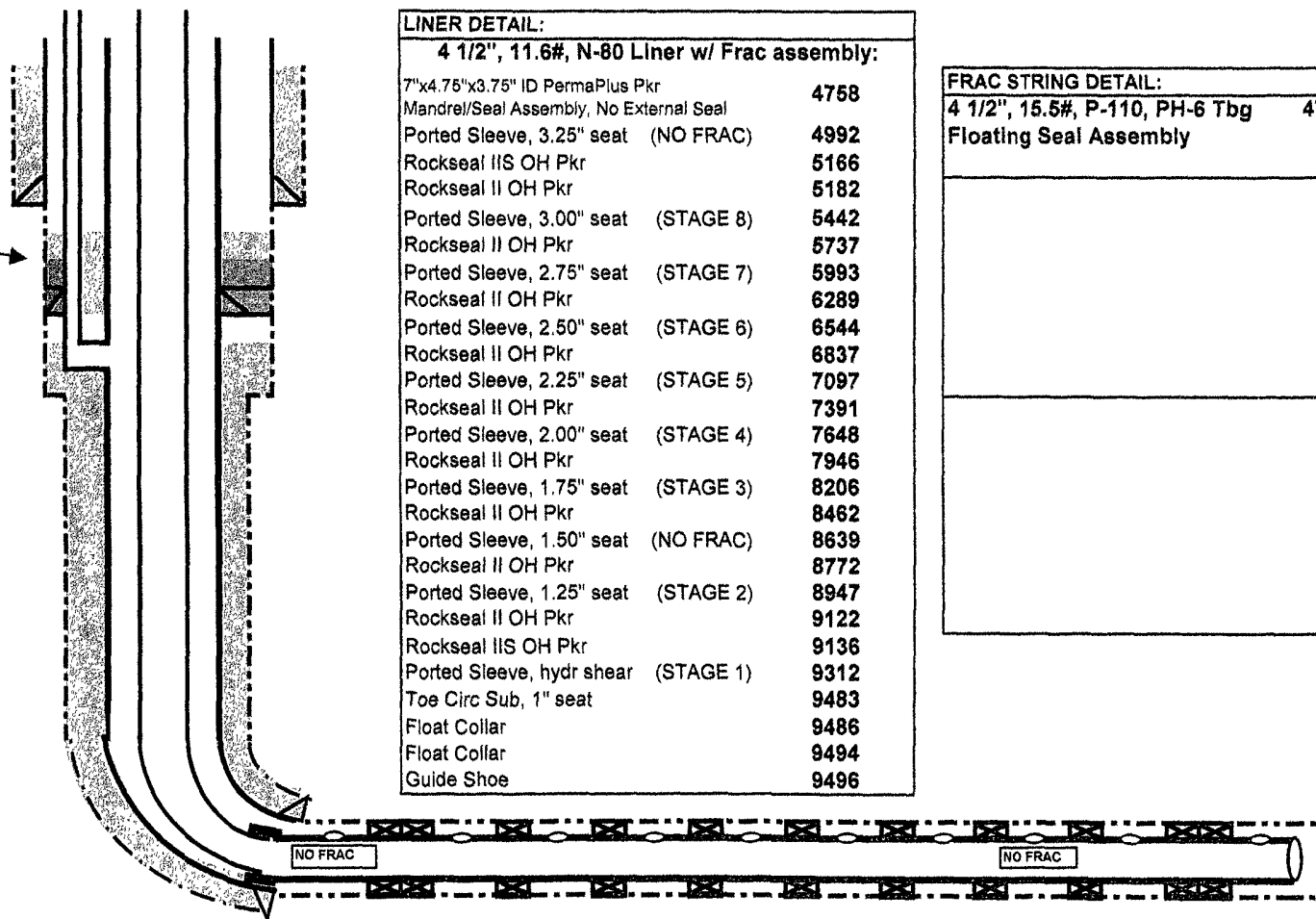
**LINER DETAIL:**

**4 1/2", 11.6#, N-80 Liner w/ Frac assembly:**

|                                         |      |
|-----------------------------------------|------|
| 7"x4.75"x3.75" ID PermaPlus Pkr         | 4758 |
| Mandrel/Seal Assembly, No External Seal |      |
| Ported Sleeve, 3.25" seat (NO FRAC)     | 4992 |
| Rockseal IIS OH Pkr                     | 5166 |
| Rockseal II OH Pkr                      | 5182 |
| Ported Sleeve, 3.00" seat (STAGE 8)     | 5442 |
| Rockseal II OH Pkr                      | 5737 |
| Ported Sleeve, 2.75" seat (STAGE 7)     | 5993 |
| Rockseal II OH Pkr                      | 6289 |
| Ported Sleeve, 2.50" seat (STAGE 6)     | 6544 |
| Rockseal II OH Pkr                      | 6837 |
| Ported Sleeve, 2.25" seat (STAGE 5)     | 7097 |
| Rockseal II OH Pkr                      | 7391 |
| Ported Sleeve, 2.00" seat (STAGE 4)     | 7648 |
| Rockseal II OH Pkr                      | 7946 |
| Ported Sleeve, 1.75" seat (STAGE 3)     | 8206 |
| Rockseal II OH Pkr                      | 8462 |
| Ported Sleeve, 1.50" seat (NO FRAC)     | 8639 |
| Rockseal II OH Pkr                      | 8772 |
| Ported Sleeve, 1.25" seat (STAGE 2)     | 8947 |
| Rockseal II OH Pkr                      | 9122 |
| Rockseal IIS OH Pkr                     | 9136 |
| Ported Sleeve, hydr shear (STAGE 1)     | 9312 |
| Toe Circ Sub, 1" seat                   | 9483 |
| Float Collar                            | 9486 |
| Float Collar                            | 9494 |
| Guide Shoe                              | 9496 |

**FRAC STRING DETAIL:**

4 1/2", 15.5#, P-110, PH-6 Tbg 4758'  
 Floating Seal Assembly



7" Csg @ 4868'

6 1/8" hole

9509 TD