

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 02 2010

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 re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

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

**La Jara Canyon Tertiary**  
**East Blanco Pictured Cliffs**

**Rio Arriba County, New Mexico****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**

12. CHECK APPROPRIATE BOX(ES) 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 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 checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Open Tertiary
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>To Production</b>
	<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.)

1/18/10: MIRUSU. TOH w/tbg. Set 7" RBP @ 2900'. PT 7" csg to 2000 psi for 10 min-OK. Perfed Tertiary @ 1179'-82', 1227'-30', 1233'-36', 1240'-42', 1248'-51', 1262'-64', 1334'-39', 1346'-48' w/2-0.34" spf. Total 46 holes. Broke down new perfs w/1150 gal 7.5% HCL. On 1/25/10, fraced Tertiary w/94,400# siber prop 16/30 sand in 70Q slick foam. On 1/28/10, tested new perfs on 3/4" choke for 4.5 hrs at 41 psi for 811 MCF/D. Retrieved 7" RBP @ 2900' & TOH. TIH w/tailpipe & 7" Baker A-3 lockset pkr & landed 1.9" 2.76# J-55 tbg as tailpipe @ 4700' w/pkr set @ 2882'. On/off tool on top of pkr. Landed 2-3/8" 4.7# J-55 tbg @ 1286'. Released workover rig on 2/2/10. Completed well as a commingled Tertiary & Pictured Cliffs as per DHC-3313AZ.

RCVD FEB 2 '10  
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 / L. Lam**

Date

**February 1, 2010****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

FEB 02 2010

FARMINGTON FIELD OFFICE  
By J. Sayers

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

GL = 7365  
 KB = 7378

2/1/2010

**SURF CASING**

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

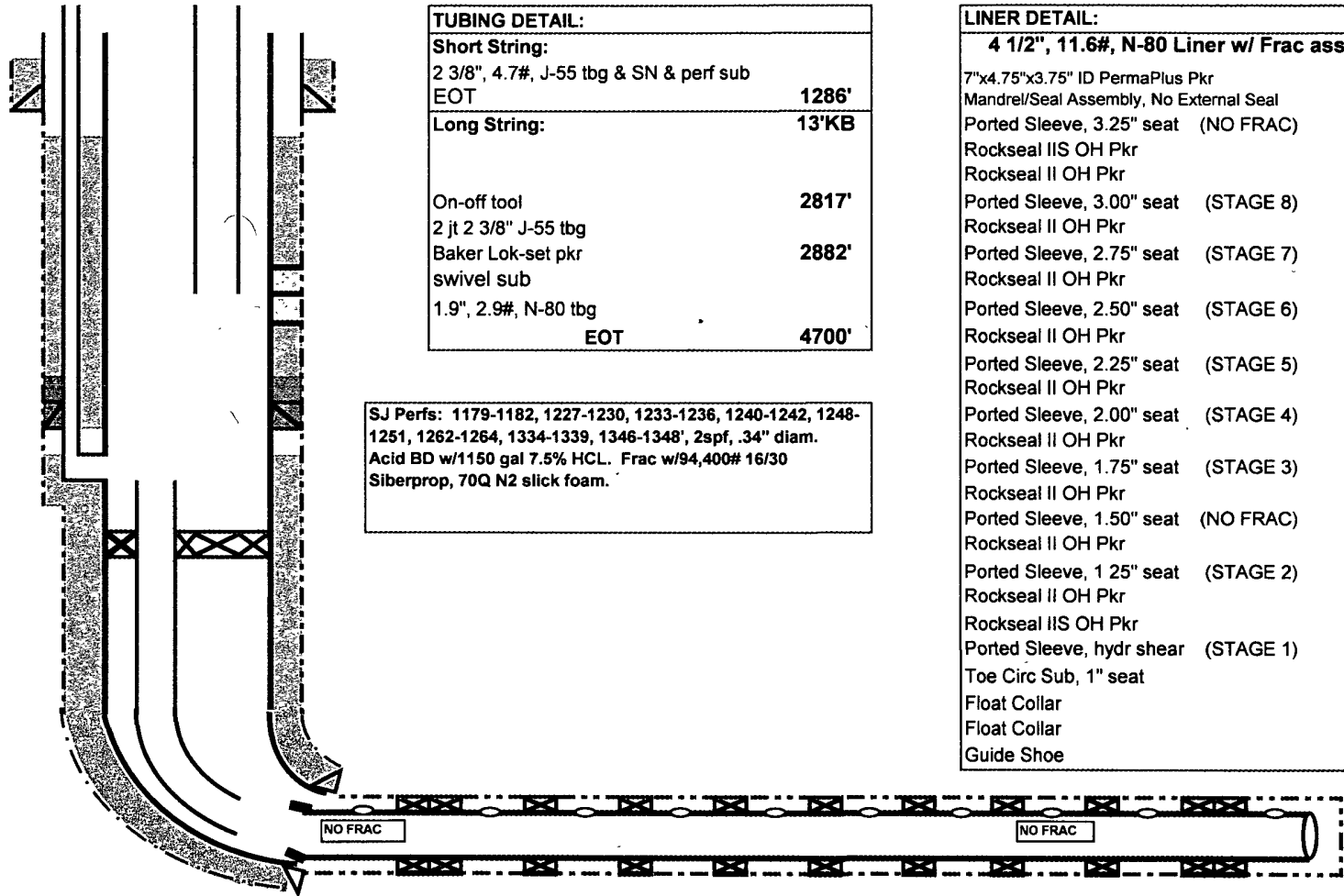
TOC = 300' CBL 9-17-08

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'. Incl. @ 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.



**TUBING DETAIL:**

**Short String:**

2 3/8", 4.7#, J-55 tbg & SN & perf sub  
 EOT **1286'**

**Long String:** **13'KB**

On-off tool **2817'**

2 jt 2 3/8" J-55 tbg

Baker Lok-set pkr **2882'**

swivel sub

1.9", 2.9#, N-80 tbg

EOT **4700'**

SJ Perfs: 1179-1182, 1227-1230, 1233-1236, 1240-1242, 1248-1251, 1262-1264, 1334-1339, 1346-1348', 2spf, .34" diam.  
 Acid BD w/1150 gal 7.5% HCL. Frac w/94,400# 16/30 Siberprop, 70Q N2 slick foam.

**LINER DETAIL:**

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

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

6 1/8" hole

7" Csg @ 4868'

9509 TD