

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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.

RCVD JUN 25 '09
OIL CONS. DIV.

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

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 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 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 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 noncompletion 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.)

ALL DEPTHS ARE MD.

6/17/09: MI Howco. (Stg #1) Fraced PC between TD9509' & pkr @ 9136' w/5000# 10 mesh monoprop in 70Q N2 foam & 12# X-linked gel as base fluid. Dropped 1.5" ball. (Stg #2) Fraced PC between pkr @ 9122' & pkr @ 8772' w/5000# 10 mesh monoprop in 70Q N2 foam & 12# X-linked gel as base fluid. Dropped 1.75" & 2" balls. (Stg #3) Fraced PC between pkr @ 8462' & pkr @ 7946' w/5000# 10 mesh monoprop in 70Q N2 foam & 12# X-linked gel as base fluid. Dropped 2.25" ball. (Stg #4) Fraced PC between pkr @ 7946' & pkr @ 7391' w/5000# 10 mesh monoprop in 70Q N2 foam & 12# X-linked gel as base fluid. Dropped 2.5" ball. (Stg #5) Fraced PC between pkr @ 7391' & pkr @ 6837' w/5000# 10 mesh monoprop in 70Q N2 foam & 12# X-linked gel as base fluid. Dropped 2.75" ball. (Stg #6) Fraced PC between pkr @ 6837' & pkr @ 6289' w/5000# 10 mesh monoprop in 70Q N2 foam & 12# X-linked gel as base fluid. Dropped 3.00" ball. (Stg #7) Fraced PC between pkr @ 6289' & pkr @ 5737' w/5000# 10 mesh monoprop in 70Q N2 foam & 12# X-linked gel as base fluid. Dropped 3.25" ball.

(Stg #8) Fraced PC between pkr @ 5737' & pkr @ 5182' w/5000# 10 mesh monoprop in 70Q N2 foam & 12# X-linked gel as base fluid. Dropped 3.5" ball. Flow well after frac. Waiting on workover unit. See attached WBD.

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

Name (Printed/Typed)

Mike Pippin

Title

Petroleum Engineer (Agent)

Signature

Mike Pippin

Date

June 20, 2009

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

JUN 24 2009

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 these rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FARMINGTON FIELD OFFICE
BY *[Signature]*

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)

NMOC

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

6/19/2009

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	4779
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 4779'

FRAC VALVE DETAIL:

WSI 10,000 psi Frac Head with Master Valve

