

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. MDA 701-98-0013
2. Name of Operator Black Hills Gas Resources, Inc.		6. If Indian, Allottee, or Tribe Name Jicarilla Apache Tribe
3a. Address P.O. Box 249 Bloomfield, NM 87413		7. If Unit or CA Agreement Name and/or No. 27474
3b. Phone No. (include area code) 505-634-1111		8. Well Name and No. Jicarilla 29-03-01 #2
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 01, T29N, R03W 2045' FNL & 860' FEL Unit D		9. API Well No. 30-039-26866
		10. Field and Pool, or Exploratory Area E. Blanco, PC/Cabresto Canyon Tertiary
		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 checked="" type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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 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 Gas Resources intends to plug back this well as per the attached procedure dated 4-01-2007. The Jicarilla Tribal Office of Water Administration has requested that this well be transferred to them for use as a water supply well after the plug back to the agreed-upon depth reflected in the attached procedure. The letter of transfer will be forthcoming.



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

Loren Diede

Title

Consultant (Agent)

Signature

Date

April 10, 2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title	Date APR 12 2007
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

Black Hills Gas Resources

PC and OA P&A Procedure

JICARILLA 29-03-01 #2

API # 30-039-26866

SE NE Sec 1, T29N – R03W

Rio Arriba County, New Mexico

GL: 7321', KB: 7336', PBTD: 3784'
Surface casing: 8-5/8", 24 lb/ft, Casing @ 260', TOC = surf
Production casing: 5 1/2" 15.5 lb/ft, Casing @ 3830', TOC = surf
Current prod tubing: 2 3/8" 4.7 lb/ft tubing to 3730'
Current pump/ rods: N/A
Current Perforated Zones:

Nacimiento **3254-3256'**
 3261-3265'
 3266-3268'

Pictured Cliffs **3726-3736'**

Proposed Work: Plugback well for the Jicarilla Tribe to use as water well.

1. This project will use a steel pit for waste fluid holding.
2. Notify BLM, State and Tribal agencies of the intent to P & A the PC and Nacimiento zones in this well.
3. Conduct a safety meeting for all personnel on location. MIRU completion rig. ND WH, NU BOP.
4. Release packer at 3354'. TOH with 2 3/8" tubing and LD packer. Round trip a casing scraper to 3620'.
5. **Plug #1 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3736' to 3258')**: TIH and set a 5.5" CR at 3600'. Pressure test the tubing to 1000 PSI. Mix and pump 63 sxs Type III cement, squeeze 28 sxs below the CR to fill the PC perforation and then spot 40 sxs above the CR to cover the Fruitland, Kirtland and Ojo Alamo formation tops. TOH with tubing.
6. **Plug #2 (Nacimiento perforations, 3268' to 3150')**: TIH and set a 5.5" CR at 3200'. Establish rate into the Nacimiento perforations (3254' to 3268'). Mix and pump 30 sxs Type III cement, squeeze 25 sxs below the CR into the Nacimiento perforations and then spot 5 sxs above to cover the CR. PUH to 3100' and reverse circulate the casing clean. TOH and LD the workstring.
7. ND BOP and ND wellhead. RD and MOL. Restore location per BLM stipulations.

Jicarilla 29-03-01 #2 – Procedure:

The cement will be Type III mixed at 14.8 ppg with a yield of 1.32 cu ft/sx.

Formation tops:

Nacimiento;	2120
Ojo Alamo;	3308
Kirtland;	3523
Fruitland;	3646
Pictured Cliffs;	3724
Lewis;	3830

Initiated by:

Loren Diede 8-07-06, revised 4-1-07

Approved by:

Leslie Lam

First call for services will be:

P&A	A-Plus	325-2627
Logging/Perforating:	None planned	
Cement/Acid/Frac:	A-Plus	325-2627
Tools:	open	
Trucking:	open	

Jicarilla 29-03-01 #2

Current WB Diagram

7/2/2005

API # 30-039-26866

UNIT H, SE NE Sec 1, T29, R3W Rio Arriba, NM

2045 FNL, 860 FEL

GL ELEV 7321

KB ELEV 7336

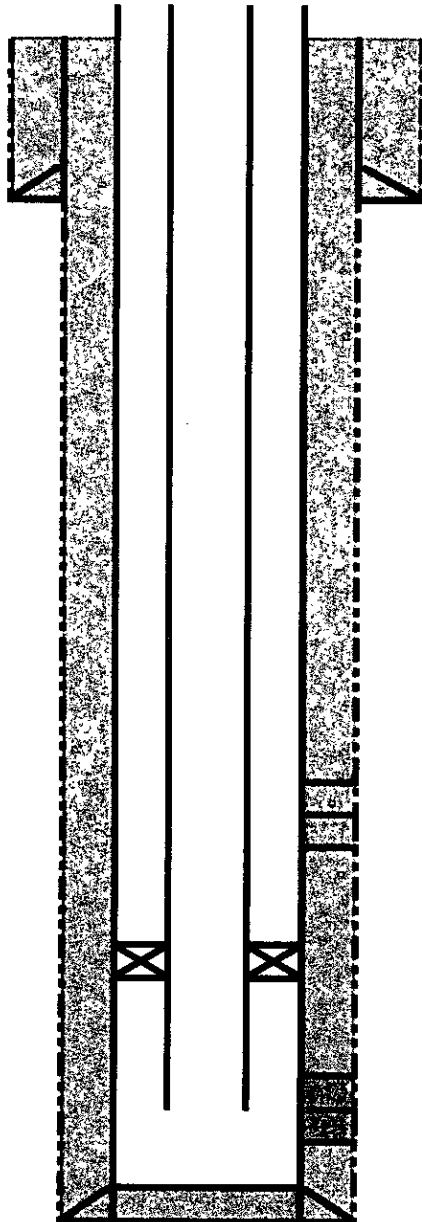
SPUD DATE 6/5/2003

SURF CSG

8 5/8", 24# @ 260',
TOC surf

PROD CSG

5 1/2" 15.5#, J-55
@3830', TOC surf



PROD TBG DETAIL: KB depths

KB	13
109 jts 2 3/8" tbg	
ON OFF tool	
AS-1 Packer @	3353.8
12 jts 2 3/8" tbg	
Pup jt	
Pup jt	
1.78 R profile @	3725.2
Pup jt	
Mule shoe	
EOT	3729.71

OA perms: 3254-3256, 3261-3265, 3266-3268. 2 jspf

Packer @ 3354'

PC perms: 3726-3736, 4 jspf

PBTD=3784'

TD=3830'

4/1/2007

Jicarilla 29-03-01 #2

PlugBback WB Diagram

API # 30-039-26866

UNIT H, SE NE Sec 1, T29, R3W Rio Arriba, NM

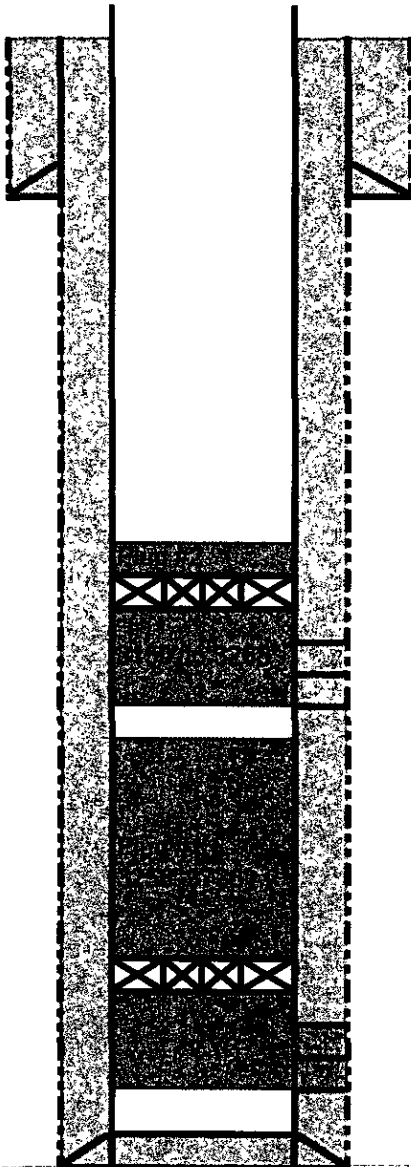
2045 FNL, 860 FEL

GL ELEV 7321

KB ELEV 7336

SPUD DATE 6/5/2003

SURF CSG
8 5/8", 24# @ 260',
TOC surf



Retainer @ 3200'

NAC perfs: 3254-3256, 3261-3265, 3266-3268. 2 jspf

Retainer @ 3600'

PC perfs: 3726-3736, 4 jspf

PBD=3784'

TD=3830'

PROD CSG
5 1/2" 15.5#, J-55
@3830', TOC surf