

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	OCT 24 2007
2. Name of Operator Black Hills Gas Resources, Inc.	Bureau of Land Management Pictured Cliffs Field Office
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) Unit C 1050' FNL & 1700' FWL, Sec 8, T30N, R03W	

5. Lease Serial No. Contract 458
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 458-08 #6
9. API Well No. 30-039-25757
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 (and/or Casing)	<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 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 and abandon the Pictured Cliffs in this well as per the attached procedure dated 10-17-07. This will allow this PC-dedicated acreage to be utilized for a future Pictured Cliffs horizontal well. The Tertiary will remain available for production (Cabresto Canyon Tertiary 97037).

RCVD OCT 26 '07
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 Oct. 23, 2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title Office	Date OCT 25 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.		

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 8

Black Hills Gas Resources

Jicarilla 458-08 #6

API # 30-039-25757

NE NW Sec 8, T30N, R3W

Rio Arriba County, New Mexico

GL: 7179', KB: 7192', PBTD: 6358'

Surface casing: 8-5/8", 24 lb/ft, Casing @ 504', TOC = surf
Production casing: 5 1/2" 17 lb/ft, casing @ 6404', TOC = 380'
Current prod tubing: 2 3/8" 4.7# to 3748'. Packer above PC @ 3705'
Current pump/ rods: N/A
Current Perforated Zones:

San Jose:	1588-1711
Ojo Alamo:	3216-3264
Pictured Cliffs:	3766-3851
CIBP	5900'
CIBP	6003'
Mesa Verde:	6016-6206

Proposed Work: P&A the MV and PC so that a lateral PC can be drilled into this dedicated PC acreage. Leave the Tertiary zones available for production.

Formation Tops:

Nacimiento:	2019
Ojo Alamo:	3215
Kirtland:	3429
Fruitland Coal:	3672
Pictured Cliffs:	3766
Lewis:	3861
Mesa Verde:	5746

1. General Note: Check that all regulatory requirements have been met and notify BLM inspector of the plugging schedule.
2. MIRU Workover rig, ND WH, NU BOP.
3. TIH with tubing to top of CIBP @ 5900'. Mix and pump 33 cu ft cement from 5900' to 5646' to cover the Mesa Verde formation top. TOOH.
4. TIH with tubing and cement retainer. Set the retainer @ 3750'. Mix and pump 27 cu ft cement through the retainer to cover the PC perforations. Sting out of the retainer and mix and pump 23 cu ft cement on top of the retainer from 3750' to 3572' to plug and abandon the Pictured Cliffs and Fruitland formations. TOOH.
5. TIH with 2 3/8" production tubing to 3250'.
6. Re configure the Tertiary production equipment to the tubing to resume Tertiary-only production from this wellbore.

Initiated by:
Loren Diede
10-15-07
REV 10-17-07
Approved by:
Leslie Lam

Jicarilla 458-8 #6

WB Diagram

API # 30-039-25757

UNIT C, NE NW Sec 8, T30, R3W Rio Arriba, NM

1050 FNL, 1700 FWL

KB ELEV

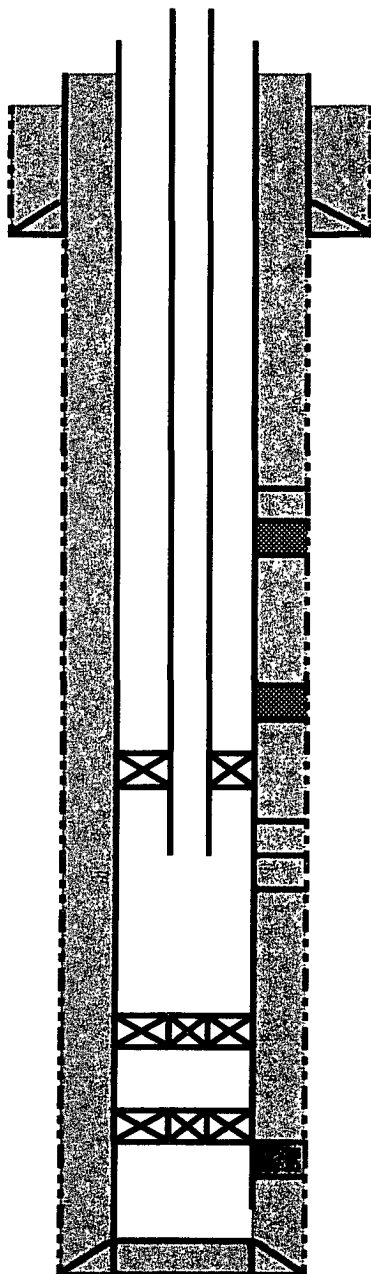
GL ELEV

SPUD DATE

5/10/2006

SURF CSG

8 5/8", 24# @ 504', TOC
surf



PROD TBG DETAIL:

2-3/8IN TBG 117 JOINTS	3695.00
MODEL R 2 3/8"X5-1/2" PACKER	7.00
TAIL JOINT	31.60
SN 1.78 MODEL R	1.10
2-3/8" SUB	2.00
WLREG	0.70
EOT	3748.00

San Jose; 1588-1604, 1684-1711, 4 spf, 172 holes, 3000 gals 7 1/2% hcl acid. Frac 10/29/98 32740# 12/20 resin, 1-4 ppg, 244 mscf N2, tbg 30 bpm, blw 258, all load rec + 40 bw. Test tp: 145, ck: 3/8", mcf: 500, heavy mist of water. 1684-1711' SQUEEZED W/ 20 SXS to shut off water.

Ojo Alamo; 3216-64, 4 spf, 192 holes, 3300 gals 7 1/2% hcl acid. Frac 3/16/98 38,650# 12/20 brady, 1-4 ppg, 365 mscf N2 75 Q, tbg 15 bpm, blw: 330, blwtr: 55. Test tp: 390 psi, ck:?, mcf 1.3 mmcfpd, bw? SQ W/105 SXS DRILLOUT TESTED, WATER SHUT OFF, UPPER PERF MAKING SOME GAS.

Pictured Cliffs perfs: 3766-3774, 3776-3785, 3794-3798, 3809-3818, 3823-3830, 3843-3851. 2 JSPF BREAK DOWN 200 GAL ACETIC SPOT, 500GAL ACETIC BALL OFF, FRAC W/ 140,000# 20-40 BRADY, FLOW TEST 5/05/06 600MCFD ON 1/4" CHOKE 1.3 BPH

Mesa Verde 6016-20, 6055-57, 6063-65, 6103-05, 6120-22, 6134-39, 6150-63, 6200-06 4 spf, 144 holes, 2500 gals 7 1/2% hcl acid. Frac 2/3/98 33000# 20/40, 1-4 ppg, 448 mscf N2 65Q, tbg 20 bpm, tracer sand, no log, blwtr 217, all load rec + 88. No good tes

PBTD=6358' (6320'-tbg)
TD=6400'

CIBP 5900'

CIBP 6003'

PROD CSG

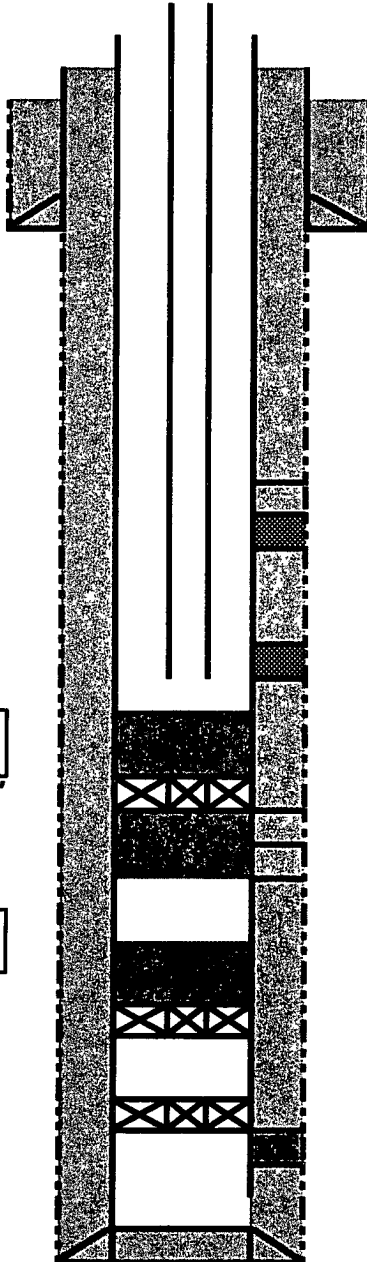
5 1/2" 17.0#, K-55 @
6404', DV at 5697', TOC
380'-temp survey

Jicarilla 458-8 #6
Proposed Plug Back WB Diagram
 API # 30-039-25757
 UNIT C, NE NW Sec 8, T30, R3W Rio Arriba, NM
 1050 FNL, 1700 FWL

KB ELEV
 GL ELEV
 SPUD DATE

10/16/2006

SURF CSG
 8 5/8", 24# @ 504', TOC
 surf



**Cement plug 3750' to
 3572' & 3750 to 3851'**
Cement retainer @ 3750'

**Cement plug 5900' to
 5646'**

CIBP 5900'

CIBP 6003'

PROD CSG
 5 1/2" 17.0#, K-55 @
 6404', DV at 5697', TOC
 380'-temp survey

PROD TBG DETAIL:

2 3/8" tbg

EOT **3250.00**

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