

OIL CONS. DIV DIST. 3
AUG 15 2014

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 11 2014

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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 page 2.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Black Hills Gas Resources, Inc.

3a. Address
3200 N 1st St, Bloomfield, NM 87413

3b. Phone No. (include area code)
(505) 634-5104

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1,740' FSL & 2,140' FEL NW/SW Section 18 T29N R2W (UL:J)

5. Lease Serial No.
MDA 701-98-0013, Tract 1

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 29-02-18 #3

9. API Well No.
30-039-27594

10. Field and Pool, or Exploratory Area
East Blanco Pictured Cliffs

11. County or Parish, State
Rio Arriba County, New Mexico

12. CHECK APPROPRIATE BOX(S) 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"/> 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	<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 recompletes 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 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 recompletion 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 reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Black Hills Gas Resources has plugged & abandoned this well per attachment.

ACCEPTED FOR RECORD

AUG 14 2014

FARMINGTON FIELD OFFICE
BY: TL Salyers

Approved as to plugging
of the well bore. Liability
under bond is retained until
surface restoration is completed.

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

Daniel Manus

Regulatory Technician

Title

Signature

Date

THIS SPACE FOR FEDERAL OR STATE OFFICE 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 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)

NMOCDA

1740' FSL and 2140' FEL, Section 18, T-29-N, R-2-W
Rio Arriba County, NM
Lease Number: MDA 701-98-0013
API #30-039-27594

Plug and Abandonment Report
Notified NMOCD and BLM on 7/17/14

Plug and Abandonment Summary:

- Plug #1** with CR at 3666' spot 87 sxs (102.66 cf) Class B cement inside casing from 3666' to 2898' to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. Tag TOC at 3045'. ✓
- Plug #2** with CR at 2397' spot 56 sxs (66.08 cf) Class B cement with 2% CaCL inside casing from 2397' to 1903' to cover the Nacimiento top. Tag TOC at 1943'. ✓
- Plug #3** with CR at 1328' spot 22 sxs (25.96 cf) Class B cement inside casing from 1328' to 1134' to cover the San Jose top.
- Plug #4** with 46 sxs (54.28 cf) Class B cement inside casing from 322' to surface to cover the 8-5/8" shoe and surface, 1) pump 40 sxs cement to circulate good cement out 5-1/2" casing valve, 2) TOH and LD all tubing and plugging sub, RU pump to 5-1/2" casing valve, 3) pump 6 sxs to refill 5-1/2" casing.
- Plug #5** with 24 sxs Class B cement top off with poly pipe and install P&A marker. ✓

Plugging Work Details:

- 7/18/14 Rode rig and equipment to location. Spot in equipment and RU. Check well pressures: SITP 300 PSI, SICP 90 PSI and SIBHP 0 PSI. RU relief lines. Blow well down. Pump 15 bbls down tubing to kill well. ND wellhead. NU BOP and function test. PU on tubing string. Establish rate of 5 bpm, pump 5 bbls to catch pressure establish fluid level at 1250'. Pump 40 bbls, no blow on casing valve. Stop pump and allow tubing to draw air until vacuum stopped. Pump 4 bbls to catch pressure. TOH and LD 73 jnts 2-3/8" 4.7#, J-55 tubing total 2360' SN and sawtooth collar. Note: 59th jnt had 2 holes. SI well. SDFD.
- 7/21/14 Open up well; no pressures. Function test BOP. X-over for 2-7/8" tubing. PU and tally 4-3/4" junk mill, bit sub, 6 – 3.5" drill collars, x-over and 97 jnts, 2-7/8" 6.5# N-80 tubing and soft tag at 3234'. POH 2 jnts, mill at 3175'. RU 3" hard lines to flow back tank. RU air to tubing and unload well with 850# and blow well around. PU power swivel. PU 1 jnt and lower mill to 3230'. Unload well with 850 PSI, ream down to 3239'. Make connection. Ream from 3239' to 3241', slow drill 3241' to 3244'. Mill CIBP at 3244'. Drilled 6" then fell through circulate well. Tubing on vacuum. Hang back swivel. PU and TIH 4 jnts, mill at 3394', no tag, TOH LD 5 jnts mill at 3237'. SI well. SDFD.
- 7/22/14 Check well pressures: SITP (mill at 3237') 10 PSI, SICP 95 PSI and SIBHP 0 PSI. TIH & tag CIBP at 3695'. TOH, SB tubing and drill collars. RU A-Plus 5.5" casing scraper. TIH to 3666'. TOH. PU 5.5" DHS CR and set at 3666'. Pressure test tubing to 1000 PSI, OK. Sting out, pump down tubing at 5 bpm caught pressure at 8 bbl, pump 14 more bbl with pressure, stop pump and allow tubing to draw air. Pump 7.5 bbl to catch pressure establish fluid level at 1300'. Spot plug #1 with calculated TOC at 2898'. TOH. SI well. SDFD.
- 7/23/14 Open up well; no pressures. TIH and tag TOC at 3045'. TOH. PU 5.5" DHS CR and set at 2397'. Establish fluid level at 950'. Spot plug #2 with calculated TOC at 1903'. TOH. SI well. WOC. Note: R. Perea and B. Hammond, Jicarilla BLM and B. Powell, NMOCD, Troy Salyer, BLM approved plug #3 procedure change & pumping plug #4 as shown on well diagram. TIH and tag plug #2 TOC at 1943'. TOH. PU 5.5" DHS CR and set at 1328'. Release tbg. Circulate well clean. Pressure test casing to 800 PSI, OK. Pumped 2 bbl and bradenhead pressured up to 300 PSI, OK. Spot plug #3 with calculated TOC at 1134'. TOH. SI well. SDFD.
- 7/24/14 Open up well; no pressures. Function test BOP. TIH 3 stands 3.5" drill collars, TOH and LD drill collars. TIH to 322'. Spot plug #4 with calculated TOC at surface. ND BOP and dig out wellhead. Write Hot Work Permit. Cut off wellhead. Found cement at cut off point in 5.5" casing and down 55' in 8-5/8" casing. Spot plug #5 and top off with poly pipe and install P&A marker. RD and MOL.

Reuben Perea, Jicarilla BLM representative, was on location. ✓