

**FORM  
5A**Rev  
02/08State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

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**COMPLETED INTERVAL REPORT**

The completed interval report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.

1. OGCC Operator Number: 95715 4. Contact Name: Jessica Donahue  
2. Name of Operator: BLACK HILLS EXPLORATION AND PRODUCTION IN Phone: (720) 210-1333  
3. Address: 1515 WYNKOOP STE 500 Fax: (303) 566-3344  
City: DENVER State: CO Zip: 80202

5. API Number 05-067-09813-00 6. County: LA PLATA  
7. Well Name: Ute Well Number: 34-21  
8. Location: QtrQtr: NESW Section: 34 Township: 33N Range: 8W Meridian: N

Completed IntervalFORMATION: FRUITLAND COAL Status: PRODUCING

Treatment Date: 07/21/2010 Date of First Production this formation: \_\_\_\_\_  
Perforations Top: 4106 Bottom: 4294 No. Holes: 124 Hole size: 0.41

Provide a brief summary of the formation treatment: Open Hole: ☐

7/9/10 - Ran CNL/CBL/GR/CCL log from PBDT 4617' to surface. Top of cmt on CBL at 1110'. 7/20/10 - Press test 5 1/2" csg to 6000 psi for 30 min. Test OK. 7/20/10 - MIRU perforator and frac equipment. Stage 1- Perf Fruitland Coal 4288-4294', 4spf, .41" diam, 24 holes. 7/21/10 - Broke down perms with 630 gal 15% HCL acid and 33 - 7/8" bioballs. Fraced perms with hybrid pad, 33,500# 20/40 Premium brown sand w/Sandwedge in 17 & 20# Delta 140 XL gel, 877 bbls total fluid. Set CBP at 4273'. Stage 2 - Perf FC 4209-4212, 4219-4222, 4240-4248, 4255-4259', 3&4spf, .41" diam, 64 holes. Broke down perms with 2016 gal 15% HCL acid and 80 - 7/8" bioballs. Fraced perms with hybrid pad, 110,100# 20/40 Premium brown sand w/Sandwedge in 17 & 20# Delta 140 XL gel, 1913 bbls total fluid. Set CBP at 4180'. Stage 3 - Perf FC 4106-4107, 4116-4118, 4121-4125, 4131-4133', , 4spf, .41" diam, 36 holes. Broke down perms with 1100 gal 15% HCL acid and 48 - 7/8" bioballs. Fraced perms with hybrid pad, 39,600# 20/40 Premium brown sand w/Sandwedge in 17 & 20# Delta 140 XL gel, 1127 bbls total fluid. Set CBP at 2116'. 7/24/10 - Drill out CBP's. Clean out to 4622'. On 8/2/10 well tested 0 mcf/d, 0 psi FTP, 3/4" ck, SICP 225 psi. On 8/3/10 landed 2 3/8" 4.7#, J-55 tbg at 4453'. Ran 2 x 1.25 x 14 insert pump on 3/4 & 7/8" rods. Released completion rig on 8/4/10.

This formation is commingled with another formation: ☐ Yes ☒ No**Test Information:**

Date: 08/02/2010 Hours: 3 Bbls oil: 0 Mcf Gas: 0 Bbls H2O: 3  
Calculated 24 hour rate: Bbls oil: 0 Mcf Gas: 0 Bbls H2O: 24 GOR: 0  
Test Method: Flowing Casing PSI: 225 Tubing PSI: \_\_\_\_\_ Choke Size: 3/4  
Gas Disposition: SOLD Gas Type: COAL GAS BTU Gas: \_\_\_\_\_ API Gravity Oil: \_\_\_\_\_  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 4453 Tbg setting date: 08/04/2010 Packer Depth: \_\_\_\_\_

Reason for Non-Production:

Date formation Abandoned: \_\_\_\_\_ Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt \_\_\_\_\_

Bridge Plug Depth: \_\_\_\_\_ Sacks cement on top: \_\_\_\_\_

Comment:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_

Print Name: Jessica Donahue

Title: Regulatory Technician

Date: \_\_\_\_\_

Email Jessica.Donahue@blackhillscorp.com

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Based on the information provided herein, this Completed Interval Report (Form 5A) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_

**Director of COGCC**

Date: \_\_\_\_\_

**Attachment Check List**

Att Doc Num	Name	Doc Description
400092417	WELLBORE DIAGRAM	WBD Ute 34-21 9-7-10.pdf

Total Attach: 1 Files