

FORM
5
Rev
02/08

State of Colorado
Oil and Gas Conservation Commission

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



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| DE | ET | OE | ES |
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Document Number:

400103861

DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type ☒ Final completion ☐ Preliminary completion

1. OGCC Operator Number: 10267 4. Contact Name: Mathew Goolsby
2. Name of Operator: VECTA OIL & GAS LTD Phone: (303) 618-7736
3. Address: 5920 CEDAR SPRINGS ROAD - STE 200 Fax: (303) 945-2869
City: DALLAS State: TX Zip: 75235

5. API Number 05-017-07693-00 6. County: CHEYENNE
7. Well Name: RED CLOUD Well Number: 44-5
8. Location: QtrQtr: SESE Section: 5 Township: 13S Range: 47W Meridian: 6
Footage at surface: Direction: FSL Distance: 635 Direction: FEL Distance: 891
As Drilled Latitude: 38.940870 As Drilled Longitude: -102.689540

GPS Data:

Data of Measurement: 07/15/2010 PDOP Reading: 2.1 GPS Instrument Operator's Name: Greg J. Pettibone

** If directional footage

at Top of Prod. Zone Distance: _____ Direction: _____ Distance: _____ Direction: _____
Sec: _____ Twp: _____ Rng: _____
at Bottom Hole Distance: _____ Direction: _____ Distance: _____ Direction: _____
Sec: _____ Twp: _____ Rng: _____

9. Field Name: EUREKA CREEK 10. Field Number: 22470
11. Federal, Indian or State Lease Number: _____

12. Spud Date: (when the 1st bit hit the dirt) 03/10/2010 13. Date TD: 03/23/2010 14. Date Casing Set or D&A: 03/28/2010

15. Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

16. Total Depth MD 5760 TVD _____ 17 Plug Back Total Depth MD 5722 TVD _____

18. Elevations GR 4447 KB 4458 One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

19. List Electric Logs Run:

PEX-AIT w/ Microlog, Sonic Scanner, FMI (Schlumberger, Ft Morgan)
CBL (Peak Wireline)

20. Casing, Liner and Cement:

CASING

| Casing Type | Size of Hole | Size of Casing | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bottom | Cement Top |
|-------------|--------------|----------------|-----------------|---------------|--------------|---------------|------------|
| SURF | 12+1/4 | 8+5/8 | 24 | 451 | 275 | 451 | 0 |
| 1ST | 7+7/8 | 5+1/2 | 15.5 | 5,758 | 300 | 5,758 | 3,850 |

ADDITIONAL CEMENT

Cement work date: _____

Details of work:

Landed 5 1/2" casing 2 ft off bottom. Circulate 2 hours. Pumped 5 bbl water & 500 gal mud cleaner.
 1st stage: Pumped 180 sks lite as lead, then 120 sks ASC as tail. Dropped plug and displaced with 136 bbl water. Plug bumped w/ 1700 #, float held.
 Opened DV tool @ 1700 psi. Circulate 4 hours through tool.
 2nd stage: Pumped 730 sks lite. Displaced with 80 bbl water. Pump plug 100 psi, landed and bumped to 1800 psi. Good cement returns to surface.
 Put 10 sks mousehole & 10 sks rathole.

| Method used | String | Cementing tool setting/pref depth | Cement volume | Cement top | Cement bottom |
|-------------|--------|-----------------------------------|---------------|------------|---------------|
| DV TOOL | 1ST | 3,323 | 730 | 0 | 3,323 |

21. Formation log intervals and test zones:

FORMATION LOG INTERVALS AND TEST ZONES

| FORMATION NAME | Measured Depth | | Check if applies | | COMMENTS (All DST and Core Analyses must be submitted to COGCC) |
|----------------|----------------|--------|-------------------------------------|-------------------------------------|---|
| | Top | Bottom | DST | Cored | |
| NIOBRARA | 950 | | <input type="checkbox"/> | <input type="checkbox"/> | |
| CHEYENNE | 2,324 | 2,574 | <input type="checkbox"/> | <input type="checkbox"/> | |
| STONE CORRAL | 3,328 | 3,364 | <input type="checkbox"/> | <input type="checkbox"/> | |
| LANSING | 4,630 | | <input type="checkbox"/> | <input type="checkbox"/> | |
| MARMATON | 4,894 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | DST #3, BH straddle 4970-5040 (log depths) |
| ATOKA | 5,260 | | <input type="checkbox"/> | <input type="checkbox"/> | |
| MORROW | 5,398 | 5,584 | <input type="checkbox"/> | <input type="checkbox"/> | |
| MORROW V-7 | 5,508 | 5,553 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Core #1, 5506-5566; DST #1 & DST #2, 5536-5590 |
| KEYES | 5,584 | | <input type="checkbox"/> | <input type="checkbox"/> | |
| ST LOUIS | 5,608 | 5,630 | <input type="checkbox"/> | <input type="checkbox"/> | |
| SPERGEN | 5,630 | 5,662 | <input type="checkbox"/> | <input type="checkbox"/> | |
| OSAGE | 5,738 | | <input type="checkbox"/> | <input type="checkbox"/> | |

Comment:

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

Signed: _____

Print Name: Mathew Goolsby

Title: VP-Operations

Date: _____

Email: matgoolsby@vecta-denver.com

Based on the information provided herein, this Drilling Completion Report (Form 5) 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 |
|-------------|------------------------|---|
| 400103923 | LAS-PLATFORM EXPRESS | 05017076930000_Red Cloud 44-5_Main_Limestone_004PUP.las |
| 400103925 | LAS-PLATFORM EXPRESS | 05017076930000_Red Cloud 44-5_Repeat_Limestone_005PUP.las |
| 400103927 | PDF-CALIPER | 05017076930000_Red Cloud 44-5_Caliper.PDF |
| 400103928 | PDF-CEMENT BOND | 05017076930000_Red Cloud 44-5_CBL.pdf |
| 400103929 | PDF-INDUCTION | 05017076930000_Red Cloud 44-5_Induction.PDF |
| 400103930 | PDF-MICROLOG | 05017076930000_Red Cloud 44-5_Microlog.PDF |
| 400103931 | PDF-DENSITY/NEUTRON | 05017076930000_Red Cloud 44-5_Nuclear.PDF |
| 400103932 | PDF-TRIPLE COMBINATION | 05017076930000_Red Cloud 44-5_TripleCombo.PDF |
| 400103934 | DST ANALYSIS | 05017076930000_Red Cloud 44-5_dst_1.pdf |
| 400103935 | DST ANALYSIS | 05017076930000_Red Cloud 44-5_dst_2.pdf |
| 400103937 | DST ANALYSIS | 05017076930000_Red Cloud 44-5_dst_3.pdf |
| 400103938 | CMT SUMMARY | 05017076930000_Red Cloud 44-5_Form5_Cement Sum.PDF |
| 400103939 | CORE ANALYSIS | 05017076930000_Red Cloud 44-5_RCA_Core1.pdf |
| 400103940 | WELLBORE DIAGRAM | 05017076930000_Red Cloud 44-5_WellBoreDiagram.pdf |
| 400103941 | CORE ANALYSIS | 05017076930000_Red Cloud 44-5_Gamma RCA Profile_Core1.pdf |
| 400103942 | PDF-MUD | 05017076930000_Red Cloud 44-5_Geolog.pdf |

Total Attach: 16 Files