

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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Document Number:

400101128

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 05-017-07690-00 6. County: CHEYENNE
7. Well Name: GRAYS Well Number: 23-27
8. Location: QtrQtr: NESW Section: 27 Township: 13S Range: 47W Meridian: 6
Footage at surface: Direction: FSL Distance: 1667 Direction: FWL Distance: 1528
As Drilled Latitude: 38.885830 As Drilled Longitude: -102.661810

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: 0 Direction: FSL Distance: 0 Direction: FWL
Sec: -- Twp: -- Rng: --
at Bottom Hole Distance: 0 Direction: FSL Distance: 0 Direction: FWL
Sec: -- Twp: -- Rng: --

9. Field Name: MOUNT PEARL 10. Field Number: 56770
11. Federal, Indian or State Lease Number: n/a

12. Spud Date: (when the 1st bit hit the dirt) 12/11/2009 13. Date TD: 12/29/2009 14. Date Casing Set or D&A: 12/31/2009

15. Well Classification:

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

16. Total Depth MD 5594 TVD 5594 17 Plug Back Total Depth MD 5560 TVD 5560

18. Elevations GR 4330 KB 4341

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:

AIT, LDT/CNL, ML (Schlumberger)
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	374	260	374	128
1ST	7+7/8	5+1/2	15.5	5,584	270	5,584	4,158

ADDITIONAL CEMENT

Cement work date: _____

Details of work:

1st Stage through float collar pumped 270 sks and displaced w/ 133 bbl. Good mud at surface while pumping cement.
2nd Stage opened too and circulated through tool for 4 hours. Preflushed w/ 24 bbl water, then pumped 520 sks. Displaced w/ 75 bbl water. Saw good cement returns at surface- estimated 20 bbl.

Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom
DV TOOL	1ST	3,068	520	0	3,068

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	634		<input type="checkbox"/>	<input type="checkbox"/>	
CHEYENNE	2,182	2,372	<input type="checkbox"/>	<input type="checkbox"/>	
STONE CORRAL	3,104	3,140	<input type="checkbox"/>	<input type="checkbox"/>	
LANSING	4,391		<input type="checkbox"/>	<input type="checkbox"/>	
MARMATON	4,719		<input type="checkbox"/>	<input type="checkbox"/>	
ATOKA	5,068		<input type="checkbox"/>	<input type="checkbox"/>	
MORROW	5,204	5,394	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Core #1, 5302-5327, rec 25'. DST 1, 5317-5337, pkr failed. DST 2, 5170-5337, Rec mud. DST 3, 5340-5352, Rec 10 mud.
MORROW-KEYES	5,394		<input type="checkbox"/>	<input type="checkbox"/>	
ST LOUIS	5,420	5,450	<input type="checkbox"/>	<input type="checkbox"/>	
SPERGEN	5,450		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

- 1) DST #1 has no associated report/analysis. Packer failed 1/2 minute in- no useful pressure data obtained.
2) The well was completed and tested with 2 7/8" tubing in the hole, but replaced with 2 3/8" tubing string on April 27, 2010. EOT 5315.

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
400101132	OTHER	05017076900000_Grays_23-27_Form4_page1_MGsign.pdf
400101133	OTHER	05017076900000_Grays_23-27_Form4_page2_MGsign.pdf
400101134	CORE ANALYSIS	05017076900000_Grays_23-27_Core1_ RCA Final Report 2-9-10.pdf
400101135	DST ANALYSIS	05017076900000_Grays_23_27_DST2.pdf
400101136	DST ANALYSIS	05017076900000_Grays_23_27_DST3.pdf
400101137	CMT SUMMARY	05017076900000_Grays23-27_Form5_CementSfc.pdf
400101138	CMT SUMMARY	05017076900000_Grays23-27_Form5_CementProd.pdf

Total Attach: 7 Files