

FORM
5Rev
02/08

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400364646

Date Received:

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: 575 UNION BLVD #208

Fax: (303) 945-2869

City: LAKEWOOD State: CO Zip: 80228

5. API Number 05-017-07733-00

6. County: CHEYENNE

7. Well Name: Bierstadt

Well Number: 32-33

8. Location: QtrQtr: SWNE Section: 33 Township: 13s Range: 47w Meridian: 6

Footage at surface: Distance: 1562 feet Direction: FNL Distance: 2055 feet Direction: FEL

As Drilled Latitude: 38.876890 As Drilled Longitude: -102.674320

GPS Data:

Date of Measurement: 11/29/2012 PDOP Reading: 1.7 GPS Instrument Operator's Name: Sally Pettibone

** If directional footage at Top of Prod. Zone Dist.: feet. Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

** If directional footage at Bottom Hole Dist.: feet. Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

9. Field Name: WILDCAT

10. Field Number: 99999

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 11/29/2012 13. Date TD: 12/12/2012 14. Date Casing Set or D&A: 12/14/2012

15. Well Classification:

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

16. Total Depth MD 5565 TVD** 17 Plug Back Total Depth MD 5499 TVD**

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, BHC, ML

20. Casing, Liner and Cement:

CASING

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
SURF	12+1/4	8+5/8	24	0	441	255	0	441	VISU
1ST	7+7/8	5+1/2	15.5	0	5,553	195	3,700	5,553	CALC

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 12/14/2012					
Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
DV TOOL	1ST	3,101	410	0	3,101
Details of work:					

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	610	1,352	<input type="checkbox"/>	<input type="checkbox"/>	
DAKOTA	1,735	1,984	<input type="checkbox"/>	<input type="checkbox"/>	
CHEYENNE	2,100	2,378	<input type="checkbox"/>	<input type="checkbox"/>	
BLAINE	2,836		<input type="checkbox"/>	<input type="checkbox"/>	
STONE CORRAL	3,080	3,116	<input type="checkbox"/>	<input type="checkbox"/>	
HEEBNER	4,310		<input type="checkbox"/>	<input type="checkbox"/>	
LANSING-KANSAS CITY	4,364	4,722	<input type="checkbox"/>	<input type="checkbox"/>	
MARMATON	4,722		<input checked="" type="checkbox"/>	<input type="checkbox"/>	DST #1, log depths 4730-4749. Weak blows. Recovered 15' VSGOCM. SIPs 100-145. Sampler plugged w/ LCM
CHEROKEE	4,855	5,057	<input type="checkbox"/>	<input type="checkbox"/>	
ATOKA	5,057	5,185	<input type="checkbox"/>	<input type="checkbox"/>	
MORROW	5,185	5,381	<input type="checkbox"/>	<input type="checkbox"/>	
MORROW-KEYES	5,381	5,423	<input type="checkbox"/>	<input type="checkbox"/>	
SPERGEN	5,423		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

- 1) After permit approval, prior to well pad construction, the well stake was moved 50 feet north to avoid a buried oil pipeline. The "as built" survey was performed after spud, and a new survey plat was built. This is why the location footages on this form differ from the approved permit. Form 4 filed December, 2012 to cover this.
- 2) A completion of the Spergen, Lower Morrow, and two Morrow sands is planned to start around 1/9/13.

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

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400365038	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Directional Survey **	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400365042	DST Analysis	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Logs	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400365046	Other	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
<u>Other Attachments</u>					
400364650	LAS-COMBINATION OPEN HOLE	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400364651	PDF-SONIC	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400364652	PDF-CALIPER	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400364653	PDF-COMPOSITE	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400364654	PDF-MICROLOG	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400364655	PDF-TRIPLE COMBINATION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400364656	PDF-INDUCTION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400364657	PDF-DENSITY/NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400365043	WELLBORE DIAGRAM	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400365044	WELL LOCATION PLAT	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400365243	OPERATIONS SUMMARY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)