

FORM
5Rev
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:

400234522

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: 10051

4. Contact Name: TANYA CARPIO

2. Name of Operator: APOLLO OPERATING LLC

Phone: (303) 830-0888 X.201

3. Address: 1538 WAZEE ST STE 200

Fax: (303) 830-2818

City: DENVER State: CO Zip: 80202

5. API Number 05-123-33738-00

6. County: WELD

7. Well Name: LOEWEN

Well Number: 21-32D

8. Location: QtrQtr: NENW Section: 32 Township: 4N Range: 68W Meridian: 6

Footage at surface: Distance: 1304 feet Direction: FNL Distance: 1661 feet Direction: FWL

As Drilled Latitude: 40.273080 As Drilled Longitude: -105.030700

GPS Data:

Data of Measurement: 09/20/2011 PDOP Reading: 1.9 GPS Instrument Operator's Name: ADAM KELLY

** If directional footage at Top of Prod. Zone Dist.: 500 feet. Direction: FNL Dist.: 2128 feet. Direction: FWL

Sec: 32 Twp: 4N Rng: 68W

** If directional footage at Bottom Hole Dist.: 507 feet. Direction: FNL Dist.: 2134 feet. Direction: FWL

Sec: 32 Twp: 4N Rng: 68W

9. Field Name: WATTENBERG

10. Field Number: 90750

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 07/31/2011 13. Date TD: 08/09/2011 14. Date Casing Set or D&A: 08/10/2011

15. Well Classification:

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

16. Total Depth MD 7515 TVD** 7391 17 Plug Back Total Depth MD 7467 TVD** 7391

18. Elevations GR 5000 KB 5011

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:

CBL

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	632	450	0	632	CALC
1ST	7+7/8	4+1/2	11.6	0	7,467	670	3,460	7,467	CBL

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____					
Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom
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	7,025	7,222	<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,345	7,364	<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

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

Signed: _____ Print Name: TANYA CARPIO

Title: OFFICE MANAGER Date: 12/20/2011 Email: TCARPIO@APOLLOOPERATING.COM

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
1726523	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400234527	Directional Survey **	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	DST Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Logs	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Other	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
<u>Other Attachments</u>					
400234522	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400234524	LAS-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

User Group	Comment	Comment Date
Engineer	Emailed Operator for SC cement tickets, we have the PC tickets, but not the SC.	1/17/2012 3:07:54 PM
Permit	Corrected SHL from 1306 FNL to 1304 FNL per APD.	12/28/2011 11:10:35 AM

Total: 2 comment(s)