

**FORM**  
**5**  
Rev  
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



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Document Number:  
400429991

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: 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 05-123-37071-00 6. County: WELD  
 7. Well Name: MARKHAM Well Number: 33-32D  
 8. Location: QtrQtr: NESE Section: 32 Township: 4N Range: 68W Meridian: 6  
 Footage at surface: Distance: 1402 feet Direction: FSL Distance: 181 feet Direction: FEL  
 As Drilled Latitude: 40.266150 As Drilled Longitude: -105.018340

GPS Data:  
 Date of Measurement: 06/06/2013 PDOP Reading: 1.5 GPS Instrument Operator's Name: WYATT HALL

\*\* If directional footage at Top of Prod. Zone Dist.: 1948 feet. Direction: FSL Dist.: 2006 feet. Direction: FEL  
 Sec: 32 Twp: 4N Rng: 68W  
 \*\* If directional footage at Bottom Hole Dist.: 1950 feet. Direction: FSL Dist.: 2014 feet. Direction: FEL  
 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) 04/27/2013 13. Date TD: 04/30/2013 14. Date Casing Set or D&A: 05/01/2013

15. Well Classification:  
 Dry  Oil  Gas/Coalbed  Disposal  Stratigraphic  Enhanced Recovery  Storage  Observation

16. Total Depth MD 7915 TVD\*\* 7535 17 Plug Back Total Depth MD 7815 TVD\*\* 7449

18. Elevations GR 5061 KB 5074 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:  
INDUCTION, DENSITY, NEUTRON, GAMMA RAY, CBL & CCL

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	758	450	0	758	CALC
1ST	7+7/8	4+1/2	11.6	0	7,888	610	2,908	7,815	CBL

**STAGE/TOP OUT/REMEDIAL CEMENT**

Cement work date: \_\_\_\_\_

Method used	String	Cementing tool setting/perf 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	
PARKMAN	3,708	4,290	<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,290	4,838	<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	4,838	7,408	<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,408	7,691	<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,691	7,914	<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,711	7,732	<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: TANYA CARPIO

Title: OFFICE MANAGER Date: \_\_\_\_\_ Email: TCARPIO@APOLLOOPERATING.COM

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400430080	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400430056	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>			
400430002	LAS-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400430011	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400430031	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)