

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



DE ET OE ES

Document Number:

400230556

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 05-123-33731-00

6. County: WELD

7. Well Name: LOEWEN

Well Number: 22-32D

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

Footage at surface: Distance: 1384 feet Direction: FNL Distance: 1660 feet Direction: FWL

As Drilled Latitude: 40.272920 As Drilled Longitude: -105.030710

GPS Data:

Data of Measurement: 09/20/2011 PDOP Reading: 2.8 GPS Instrument Operator's Name: ADAM KELLY

** If directional footage at Top of Prod. Zone Dist.: 1986 feet. Direction: FNL Dist.: 2155 feet. Direction: FWL

Sec: 32 Twp: 4N Rng: 68W

** If directional footage at Bottom Hole Dist.: 1984 feet. Direction: FNL Dist.: 2151 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) 09/05/2011 13. Date TD: 09/10/2011 14. Date Casing Set or D&A: 09/11/2011

15. Well Classification:

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

16. Total Depth MD 7500 TVD** 7150 17 Plug Back Total Depth MD 7467 TVD** 7150

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:

HRI, CD, CN, 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 | 645 | 460 | 0 | 645 | CALC |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 0 | 7,467 | 670 | 2,584 | 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 | 7,050 | 7,234 | <input type="checkbox"/> | <input type="checkbox"/> | |
| CODELL | 7,352 | 7,375 | <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: 12/14/2011 Email: TCARPIO@APOLLOOPERATING.COM

Attachment Check List

| Att Doc Num | Document Name | attached ? | | | |
|-----------------------------|------------------------|------------|-------------------------------------|----|-------------------------------------|
| <u>Attachment Checklist</u> | | | | | |
| 1726528 | CMT Summary * | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| | Core Analysis | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> |
| 400230730 | 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> | | | | | |
| 400230556 | FORM 5 SUBMITTED | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| 400230727 | LAS-TRIPLE COMBINATION | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| 400230729 | 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 tickets. | 1/19/2012 10:15:53 AM |
| Permit | changed SHL to 1384 FNL & 1660 FWL to match APD. | 12/28/2011 2:42:05 PM |

Total: 2 comment(s)