

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



DE ET OE ES

Document Number:

400448027

Date Received:

07/22/2013

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: 10422

4. Contact Name: Jake Flora

2. Name of Operator: PRONGHORN OPERATING LLC

Phone: (720) 988-5375

3. Address: 8400 E PRENTICE AVENUE #1000

Fax:

City: GREENWOOD State: CO Zip: 80111

5. API Number 05-017-07746-00

6. County: CHEYENNE

7. Well Name: Harley

Well Number: 4

8. Location: QtrQtr: SESW Section: 5 Township: 14s Range: 44w Meridian: 6

Footage at surface: Distance: 620 feet Direction: FSL Distance: 1943 feet Direction: FEL

As Drilled Latitude: 38.858010 As Drilled Longitude: -102.362970

GPS Data:

Date of Measurement: 07/11/2013 PDOP Reading: 3.1 GPS Instrument Operator's Name: Elijah Frane

\*\* 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: CHEYENNE WELLS

10. Field Number: 11050

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 05/28/2013 13. Date TD: 07/06/2013 14. Date Casing Set or D&A: 07/07/2013

15. Well Classification:

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

16. Total Depth MD 5570 TVD\*\* 17 Plug Back Total Depth MD 5566 TVD\*\*

18. Elevations GR 4293 KB 4310

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:

GR  
DENSITY-NEUTRON  
INDUCTION  
MUD LOG

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        | 17+1/2       | 13+3/8         | 54    | 0             | 435           | 375       | 0       | 435     | VISU   |
| 1ST         | 7+7/8        | 5+1/2          | 15.5  | 0             | 5,566         | 200       | 4,884   | 5,566   | CBL    |

### STAGE/TOP OUT/REMEDIAL CEMENT

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

| Method used | String | Cementing tool setting/perf depth | Cement volume | Cement top | Cement bottom |
|-------------|--------|-----------------------------------|---------------|------------|---------------|
| STAGE TOOL  | 1ST    | 2,550                             | 250           | 1,495      | 2,570         |
| STAGE TOOL  | 1ST    | 4,319                             | 100           | 3,404      | 4,319         |

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       | 687            | 1,342  | <input type="checkbox"/> | <input type="checkbox"/> |   |
| DAKOTA         | 1,801          | 1,972  | <input type="checkbox"/> | <input type="checkbox"/> |   |
| CHEYENNE       | 2,141          | 2,205  | <input type="checkbox"/> | <input type="checkbox"/> |   |
| STONE CORRAL   | 3,099          | 3,135  | <input type="checkbox"/> | <input type="checkbox"/> |   |
| SHAWNEE        | 4,142          | 4,330  | <input type="checkbox"/> | <input type="checkbox"/> |   |
| LANSING        | 4,371          | 4,735  | <input type="checkbox"/> | <input type="checkbox"/> |   |
| MARMATON       | 4,735          | 4,773  | <input type="checkbox"/> | <input type="checkbox"/> |   |
| CHEROKEE       | 4,869          | 5,006  | <input type="checkbox"/> | <input type="checkbox"/> |   |
| ATOKA          | 5,006          | 5,154  | <input type="checkbox"/> | <input type="checkbox"/> |   |
| MORROW         | 5,154          | 5,259  | <input type="checkbox"/> | <input type="checkbox"/> |   |
| KEYES          | 5,259          | 5,329  | <input type="checkbox"/> | <input type="checkbox"/> |   |
| SPERGEN        | 5,401          | 5,404  | <input type="checkbox"/> | <input type="checkbox"/> |   |
| WARSAW-OSAGE   | 5,487          | 5,563  | <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: Jake Flora

Title: Petroleum Engineer

Date: 7/22/2013

Email: jakeflora@kfrcorp.com

### Attachment Check List

| Att Doc Num                 | Document Name         | attached ?                              |  |
|-----------------------------|-----------------------|---|--|
| <u>Attachment Checklist</u> |                       |   |  |
| 2518516                     | 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"/> |
|                             | DST Analysis          | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
|                             | Logs                  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400448031                   | Other                 | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| <u>Other Attachments</u>    |                       |   |  |
| 2518517                     | CEMENT BOND           | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400448027                   | FORM 5 SUBMITTED      | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400448028                   | MUD                   | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400448029                   | COMPOSITE             | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400448030                   | COMPOSITE             | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |

### General Comments

| User Group | Comment                                      | Comment Date             |
|------------|--|--------------------------|
| Permit     | Operator provided the CBL and cement ticket. | 7/24/2013<br>2:14:09 PM  |
| Permit     | REquested CBL pdf and cement tickets         | 7/24/2013<br>10:43:07 AM |

Total: 2 comment(s)