

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:

400398590

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: 10431  
2. Name of Operator: CHAMA OIL & MINERALS LLC  
3. Address: PO BOX 50203  
City: MIDLAND State: TX Zip: 79710  
4. Contact Name: William Heard  
Phone: (432) 683-8000  
Fax: (432) 683-8250

5. API Number 05-017-07727-01  
6. County: CHEYENNE  
7. Well Name: PRONGHORN STATE 16-15-48 Well Number: 1-H  
8. Location: QtrQtr: SESE Section: 16 Township: 15s Range: 48w Meridian: 6  
Footage at surface: Distance: 600 feet Direction: FSL Distance: 660 feet Direction: FEL  
As Drilled Latitude: 38.736870 As Drilled Longitude: -102.778480

GPS Data:

Date of Measurement: 08/08/2012 PDOP Reading: 2.2 GPS Instrument Operator's Name: R. Gabriel

\*\* If directional footage at Top of Prod. Zone Dist.: 1090 feet. Direction: FSL Dist.: 621 feet. Direction: FEL

Sec: 16 Twp: 15s Rng: 48w

\*\* If directional footage at Bottom Hole Dist.: 695 feet. Direction: FNL Dist.: 664 feet. Direction: FEL

Sec: 16 Twp: 15s Rng: 48w

9. Field Name: WILDCAT 10. Field Number: 99999

11. Federal, Indian or State Lease Number: 1999.12

12. Spud Date: (when the 1st bit hit the dirt) 01/09/2013 13. Date TD: 02/28/2013 14. Date Casing Set or D&A: 02/18/2013

15. Well Classification:

Dry  Oil  Gas/Coalbed  Disposal  Stratigraphic  Enhanced Recovery  Storage  Observation

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

18. Elevations GR 4265 KB 4280

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:

Triple Combo (Induction/Density/Neutron/GR), FMI

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	9+5/8	36	0	505	340	0	505	VISU
1ST	8+3/4	7	26	0	5,680	350	4,010	5,680	CBL

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: <u>02/19/2013</u>					
Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
STAGE TOOL	1ST	2,264	300	2,010	2,264
Details of work:					

21. Formation log intervals and test zones:

<b>FORMATION LOG INTERVALS AND TEST ZONES</b>					
FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analyses must be submitted to COGCC)
	Top	Bottom	DST	Cored	
FORT HAYS	920	1,401	<input type="checkbox"/>	<input type="checkbox"/>	
DAKOTA	1,401	2,741	<input type="checkbox"/>	<input type="checkbox"/>	
STONE CORRAL	2,741	3,410	<input type="checkbox"/>	<input type="checkbox"/>	
NEVA	3,410	3,717	<input type="checkbox"/>	<input type="checkbox"/>	
WABAUNSEE	3,717	4,076	<input type="checkbox"/>	<input type="checkbox"/>	
LANSING	4,076	4,460	<input type="checkbox"/>	<input type="checkbox"/>	
MARMATON	4,460	4,530	<input type="checkbox"/>	<input type="checkbox"/>	
PAWNEE	4,530	4,578	<input type="checkbox"/>	<input type="checkbox"/>	
FORT SCOTT	4,578	4,614	<input type="checkbox"/>	<input type="checkbox"/>	
CHEROKEE	4,614	4,784	<input type="checkbox"/>	<input type="checkbox"/>	
ATOKA	4,784	4,980	<input type="checkbox"/>	<input type="checkbox"/>	
MORROW	4,980	5,212	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
MORROW-KEYES	5,212	5,225	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
ST LOUIS	5,225	5,276	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
SPERGEN	5,276	5,371	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
WARSAW	5,371		<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Comment:

Log data will be filed shortly.

Chama requests "confidential status" for this well. Unable to file Form 4 online to attach. Form 4 will be filed shortly.

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

Signed: \_\_\_\_\_

Print Name: William Heard

Title: Project Drilling Engineer

Date:

Email: bill.heard@chamaoil.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
	CMT Summary *	Yes <input type="checkbox"/>	No <input checked="" 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 type="checkbox"/>	No <input checked="" type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

General Comments

**User Group**

**Comment**

**Comment Date**

User Group	Comment	Comment Date

Total: 0 comment(s)