

**FORM**  
**5**Rev  
02/08State 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:

400125567

**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: 57667 4. Contact Name: CLAYTON DOKE  
2. Name of Operator: MINERAL RESOURCES, INC. Phone: (970) 669-7411  
3. Address: PO BOX 328 Fax: (970) 669-4077  
City: GREELEY State: CO Zip: 80632

5. API Number 05-123-31443-00 6. County: WELD  
7. Well Name: THERMO Well Number: 5-5-32  
8. Location: QtrQtr: NWSE Section: 32 Township: 6N Range: 65W Meridian: 6  
Footage at surface: Distance: 2616 feet Direction: FSL Distance: 2430 feet Direction: FEL  
As Drilled Latitude: 40.438449 As Drilled Longitude: -104.684354

## GPS Data:

Data of Measurement: 10/29/2010 PDOP Reading: 2.4 GPS Instrument Operator's Name: DAVID BERGLUND

## \*\* If directional footage

at Top of Prod. Zone Distance: 1981 feet Direction: FSL Distance: 1935 feet Direction: FEL  
Sec: 32 Twp: 6N Rng: 65W  
at Bottom Hole Distance: 1974 feet Direction: FSL Distance: 1928 feet Direction: FEL  
Sec: 32 Twp: 6N Rng: 65W

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) 09/17/2010 13. Date TD: 09/21/2010 14. Date Casing Set or D&A: 09/22/2010

## 15. Well Classification:

☐ Dry ☐ Oil ☒ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation16. Total Depth MD 7405 TVD 7221 17 Plug Back Total Depth MD 7372 TVD 718918. Elevations GR 4641 KB 4656

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, FDC, CNL, DIL, 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	486	440	60	486	VISU
1ST	7+7/8	4+1/2	11.6	0	7,387	1,060	616	7,387	CBL

### ADDITIONAL CEMENT

Cement work date: 09/18/2010

Details of work:

Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom
1 INCH	SURF		40	0	60

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	6,936	7,202	<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,202	7,223	<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,223	7,242	<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

All measurements are from K.B excepting a depth of 0' (zero feet) designates surface.

The Form 5A (Doc#: 400125626) listed under "related forms" remains in DRAFT and will be submitted as soon as the appropriate data is acquired.

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

Signed: \_\_\_\_\_ Print Name: CLAYTON DOKE

Title: ENGINEER Date: \_\_\_\_\_ Email: cdoke@petersonenergy.com

Based on the information provided herein, this Drilling Completion Report (Form 5) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

### Attachment Check List

Att Doc Num	Name
400125596	LAS-TRIPLE COMBINATION
400125597	PDF-CEMENT BOND
400125598	DIRECTIONAL SURVEY
400126770	CEMENT JOB SUMMARY

Total Attach: 4 Files

### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)