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Document Number:
400521722

Date Received:
12/04/2013

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: 10387 4. Contact Name: Sarah Hawkins
 2. Name of Operator: US GEOLOGICAL SURVEY Phone: (303) 2365767
 3. Address: MS 939 BOX 25046 Fax: _____
 City: DENVER State: CO Zip: 80225

5. API Number 05-037-06006-00 6. County: EAGLE
 7. Well Name: USGS Well Number: HM-1-13
 8. Location: QtrQtr: NWNW Section: 3 Township: 4S Range: 83W Meridian: 6
 Footage at surface: Distance: 800 feet Direction: FNL Distance: 695 feet Direction: FWL
 As Drilled Latitude: 39.739306 As Drilled Longitude: -106.684361

GPS Data:
 Date of Measurement: 07/08/2013 PDOP Reading: 0.0 GPS Instrument Operator's Name: Art Clark

** 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: WILDCAT 10. Field Number: 99999
 11. Federal, Indian or State Lease Number: _____

12. Spud Date: (when the 1st bit hit the dirt) 07/09/2013 13. Date TD: 07/19/2013 14. Date Casing Set or D&A: 07/19/2013

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

16. Total Depth MD 807 TVD** _____ 17 Plug Back Total Depth MD 0 TVD** _____

18. Elevations GR 7255 KB 7255 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:

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	10	6+5/8	17	0	54	25	0	54	VISU
OPEN HOLE	5			0	807				

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	
			<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: Sarah Hawkins

Title: Geologist Date: 12/4/2013 Email: shawkins@usgs.gov

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
	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"/>
Other Attachments			
400521722	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

User Group	Comment	Comment Date
Engineer	formation objectives (Form 2) were the Niobrara and the Benton Shale	4/2/2014 2:56:37 PM
Permit	Passes Permitting' Cementing was done by USGS employees in Drilling Group and no report was issued. Operator reports visual sighting of cement at surface. Operator cored from 6' tp 803.6' MD and recovered 782'. Analysis of core will be released via USGS web site in autumn of 2014. No earlier release will be made, as per Sarah Hawkins, USGS.	3/24/2014 10:34:32 AM

Total: 2 comment(s)