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Document Number:
400395684

Date Received:
03/26/2013

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: 47120 4. Contact Name: REBECCA HEIM
 2. Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6361
 3. Address: P O BOX 173779 Fax: (720) 929-7361
 City: DENVER State: CO Zip: 80217-

5. API Number 05-123-21810-00 6. County: WELD
 7. Well Name: HAMMERBECK Well Number: 16-33
 8. Location: QtrQtr: SESE Section: 33 Township: 6N Range: 64W Meridian: 6
 Footage at surface: Distance: 550 feet Direction: FSL Distance: 600 feet Direction: FEL
 As Drilled Latitude: 40.436972 As Drilled Longitude: -104.547897

GPS Data:
 Date of Measurement: 02/02/2013 PDOP Reading: 2.2 GPS Instrument Operator's Name: Cody Mattson

** 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: WATTENBERG 10. Field Number: 90750
 11. Federal, Indian or State Lease Number: _____

12. Spud Date: (when the 1st bit hit the dirt) 11/15/2003 13. Date TD: 11/16/2003 14. Date Casing Set or D&A: _____

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

16. Total Depth MD 6996 TVD** _____ 17 Plug Back Total Depth MD 6969 TVD** _____

18. Elevations GR 4630 KB 4642 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	12+1/4	8+5/8	24	0	650	455	0	650	CALC

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 03/06/2013

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
PERF & PUMP	1ST	6,480	124	5,560	6,190

Details of work:

3/6/2013 RU JW E/L. SET CIBP @ 6480. TEST TO 2500.OK. SHOT 3 SPF .38" @ 6250. PUMP 6 BW 2 BPM @ 1600. SET CICR @ 6210. RD JW. RIH & STING INTO CICR. RU BAKER. PUMP 10 BW, 124 SX 50/50 POZ/G W/3% GEL,.1% SM,20% SF & .4% FL-52. STING O REV CIRC. RD BAKER. TOOH.SDFN RUN CBL FROM CICR TO 200' ABOVE TOC @ 5560. RD JW E/L. PU & RIH W/ CONE BIT. DRILL CEMENT & 5 HRS ON CICR. DRAIN PUMP SI SDFN 03/08/2013 DRILL OUT CICR # CEMENT BELOW. TEST CSG & SQUEEZE PERFS TO 3000. GOOD TEST. CONT IN HOLE & DRILL CIBP & PUSH TO BOTTOM @ 6910 KB. LD 14 JTS. SI SDFN (BAD WEATHER)
03/09/2013 TOOH,LD BIT. TIH W/ PROD TBG. BROACH TO XNN. ND BOP,NUWH. LAND W/220 2-3/8 JTS, XNN,NC @ 6824 KB. RU HS T. TEST WH TO 5000. OK. RD HS T. RDMO

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:

FORM 5 FOR REMEDIAL CEMENT JOB

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

Signed: _____ Print Name: REBECCA HEIM

Title: REGULATORY Date: 3/26/2013 Email: REBECCA.HEIM@ANADARKO.COM

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400395689	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 type="checkbox"/>	No <input checked="" type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Other Attachments</u>			
400395684	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400395687	OPERATIONS SUMMARY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400395688	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)