

Document Number:
400730555

Date Received:
11/13/2014

WELL ABANDONMENT REPORT

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set.
A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

OGCC Operator Number: 47120 Contact Name: CHERYL LIGHT

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6461

Address: P O BOX 173779 Fax: (720) 929-7461

City: DENVER State: CO Zip: 80217- Email: CHERYL.LIGHT@ANADARKO.COM

For "Intent" 24 hour notice required, Name: Rickard, Jeff Tel: (720) 305-8280

COGCC contact: Email: jeffrey.rickard@state.co.us

API Number 05-123-15259-00

Well Name: HSR-EBAUGH Well Number: 15-36

Location: QtrQtr: SWSE Section: 36 Township: 4N Range: 66W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 67739

Field Name: WATTENBERG Field Number: 90750

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.263261 Longitude: -104.722753

GPS Data:
Date of Measurement: 10/02/2008 PDOP Reading: 2.8 GPS Instrument Operator's Name: Cody Mattson

Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other _____

Casing to be pulled: Yes No Estimated Depth: 1130

Fish in Hole: Yes No If yes, explain details below

Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below

Details: Squeeze holes at 5070' cemented with 300sx cement

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
SUSSEX	4557	4562			
CODELL	7316	7330	10/16/2014	B PLUG CEMENT TOP	6945
NIOBRARA	7032	7205	10/16/2014	B PLUG CEMENT TOP	6945

Total: 3 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	457	370	457	0	CALC
1ST	7+7/8	4+1/2	11.6	7,449	145	7,449	6,570	CBL
S.C. 1.1				5,070	300	5,070	4,242	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5020 with 60 sacks cmt on top. CIBP #2: Depth 80 with 25 sacks cmt on top.
 CIBP #3: Depth _____ with _____ sacks cmt on top. CIBP #4: Depth _____ with _____ sacks cmt on top.
 CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 60 sks cmt from 5020 ft. to 4350 ft. Plug Type: CASING Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 4160 ft. with 120 sacks. Leave at least 100 ft. in casing 3990 CICR Depth
 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
 (Cast Iron Cement Retainer Depth)

Set 470 sacks half in. half out surface casing from 1230 ft. to 250 ft. Plug Tagged:
 Set 25 sacks at surface
 Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: Yes No
 Set _____ sacks in rat hole Set _____ sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered: _____ ft. of _____ inch casing Plugging Date: _____
 *Wireline Contractor: _____ *Cementing Contractor: _____
 Type of Cement and Additives Used: _____
 Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Perforate and squeeze at 4160'-3960' ft. with 120 sacks Leave at least 100 ft. in casing 3990' CICR Depth

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

Signed: _____ Print Name: CHERYL LIGHT
 Title: SR. REGULATORY ANALYST Date: 11/13/2014 Email: DJREGULATORY@ANADARKO.COM

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: JENKINS, STEVE Date: 11/25/2014

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 5/24/2015

COA Type	Description
	<p>Note changes to plugging procedure:</p> <ol style="list-style-type: none"> 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) For 5020' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 4350' or shallower if circulation is maintained, no need to tag plug. 3) For 1230' plug: pump plug and displace. If surface casing plug does not circulate to surface then tag plug – must be 407' or shallower and provide 25 sx plug at the surface. Leave at least 100' cement in the casing for each plug. 4) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.

Attachment Check List

Att Doc Num	Name
400730555	FORM 6 INTENT SUBMITTED
400730569	PROPOSED PLUGGING PROCEDURE
400730571	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Agency	Well Completion Report dated 11/2/1991 & 12/7/1994.	11/24/2014 9:32:27 AM

Total: 1 comment(s)