

FORM
6Rev
12/05State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400254190

Date Received:

02/22/2012

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: DJREGULATORY@ANADARKO.COM

For "Intent" 24 hour notice required,

Name: MONTOYA, JOHN

Tel: (970) 3974124

COGCC contact:

Email: john.montoya@state.co.us

API Number 05-123-12114-00

Well Name: KLEIN

Well Number: 1

Location: QtrQtr: SWNW Section: 8 Township: 4N Range: 67W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 68000

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: 40.329190

Longitude: -104.921520

GPS Data:

Date of Measurement: 04/24/2006

PDOP Reading: 2.5

GPS Instrument Operator's Name: Steve Fisher

Reason for Abandonment: ☐ Dry☒ Production for Sub-economic☐ Mechanical Problems☐ Other MECHANICAL PROBLEMSCasing to be pulled: ☒ Yes☐ No

Top of Casing Cement: 2696

Fish in Hole: ☐ Yes☒ No

If yes, explain details below

Wellbore has Uncemented Casing leaks: ☒ Yes☐ No

If yes, explain details below

Details: The wellbore has a good cement bond through all production zones to 5970' KB. A previously installed casing patch is located at 5780' KB and will be removed during P&A operations. If the casing patch cannot successfully be disengaged, the casing will be cut below the casing patch and pulled; thus resolving the casing leak issue.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	7055	7072			
NIOBRARA	6717	6928			

Total: 2 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	334	215	334	12	CALC
1ST	7+7/8	4+1/2	11.6	7,220	250	7,220	5,970	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6650 with 2 sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.
CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐
Set 40 sks cmt from 5880 ft. to 5680 ft. Plug Type: STUB PLUG 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 _____ 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

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 133 sacks half in. half out surface casing from 440 ft. to 0 ft. Plug Tagged: ☒

Set _____ 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:

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: SENIOR REGULATORY ANALYST Date: 2/22/2012 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: BURN, DIANA Date: 3/16/2012

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 9/15/2012

1) Provide 24 hour notice of MIRU to COGCC inspector John Montoya at 970-397-4124 or via e-mail at John.Montoya@state.co.us. 2) For 440' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug. Leave at least 100' cement in the casing for each plug. 3) Properly abandon flowlines as per Rule 1103.

Attachment Check List

Att Doc Num	Name
400254190	FORM 6 INTENT SUBMITTED
400254194	WELLBORE DIAGRAM
400254195	WELLBORE DIAGRAM
400254197	PROPOSED PLUGGING PROCEDURE

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well Completion report dated 2/22/85.	2/23/2012 12:46:50 PM

Total: 1 comment(s)