

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

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400525308

Date Received:

12/11/2013

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: Carlile, Craig

Tel:

COGCC contact:

Email: craig.carlile@state.co.us

API Number 05-123-15725-00

Well Name: HSR-TEACHER

Well Number: 10-14A

Location: QtrQtr: NWSE Section: 14 Township: 3N Range: 66W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

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: 40.223270

Longitude: -104.741740

GPS Data:

Date of Measurement: 08/01/2007

PDOP Reading: 2.6

GPS Instrument Operator's Name: Steve Fisher

Reason for Abandonment:

☐ Dry☒ Production for Sub-economic☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes☐ No

Estimated Depth: 1338

Fish in Hole: ☐ Yes☒ No

If yes, explain details below

Wellbore has Uncemented Casing leaks:

☐ Yes☒ No

If yes, explain details below

Details:

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	7380	7396			
DAKOTA	8040	8084			
J SAND	7836	7886			
NIOBRARA	7090	7260			

Total: 4 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	575	400	575	0	VISU
1ST	7+7/8	4+1/2	11.6	7,528	157	7,528	6,654	CBL
1ST LINER	4+1/2	2+7/8	6.5	8,003	21	8,134	7,448	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7980 with 2 sacks cmt on top. CIBP #2: Depth 7750 with 2 sacks cmt on top.

CIBP #3: Depth 7040 with 2 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 50 sks cmt from 7040 ft. to 5946 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 4750 ft. with 270 sacks. Leave at least 100 ft. in casing 4183 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 265 sacks half in. half out surface casing from 1438 ft. to 375 ft. Plug Tagged: ☒

Set 18 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: SR. REGULATORY ANALYST Date: 12/11/2013 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: 12/16/2013

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 6/15/2014

<u>COA Type</u>	<u>Description</u>
	<p>NOTE: Change in plugging procedure</p> <p>1) Please file a Form 42 for notice of plugging operations prior to proceeding with the plugging.</p> <p>2) Add another CIBP at 7040 with 2 sacks of cement on top.</p> <p>3) For 1503' plug: pump plug and displace, if not circulated to surface - shut-in, WOC 4 hours and tag plug (must be 375' or shallower). Leave at least 100' cement in the casing for each plug.</p> <p>4) Properly abandon flowlines as per Rule 1103.</p>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400525308	FORM 6 INTENT SUBMITTED
400525317	PROPOSED PLUGGING PROCEDURE
400525319	WELLBORE DIAGRAM
400525320	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>LOCATION: NW 1/4 OF SE 1/4 OF SEC. 14, TOWNSHIP 3N, RANGE 66W (1969 FSL, 1940 FEL)</p> <p>GROUND ELEVATION 4948'.</p> <p>DEEPEST WATER WELL WITHIN 1 MILE IS 580', BOTTOM OF THE FOX HILLS AT THE WELL SITE: 445', TOP 132'.</p>	<p>12/16/2013 2:11:16 PM</p>

Total: 1 comment(s)