

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:

400807975

Date Received:

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: REBECCA HEIM

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP

Phone: (720) 929-6361

Address: P O BOX 173779

Fax: (720) 929-7361

City: DENVER State: CO Zip: 80217-

Email: REBECCA.HEIM@ANADARKO.COM

For "Intent" 24 hour notice required,

Name: _____

Tel: _____

COGCC contact:

Email: _____

API Number 05-123-09656-00

Well Name: E GRAHAM "C"

Well Number: 1

Location: QtrQtr: NWNE Section: 12 Township: 1N Range: 68W 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: 40.069740

Longitude: -104.947240

GPS Data:

Date of Measurement: 08/07/2008

PDOP Reading: 5.4

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: _____Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore 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 |
|-----------|-----------|-----------|----------------|---------------------|------------|
| J SAND | 8230 | 8266 | 02/04/2015 | B PLUG CEMENT TOP | 8150 |

Total: 1 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 | 842 | 550 | 842 | 0 | VISU |
| 1ST | 7+1/4 | 4+1/2 | 10.5/11.6 | 8,398 | 225 | 8,398 | 6,885 | CALC |
| | 12+1/4 | 8+5/8 | Stage Tool | 184 | 250 | 184 | 0 | VISU |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8150 with 2 sacks cmt on top. CIBP #2: Depth 8100 with 2 sacks cmt on top.
CIBP #3: Depth 80 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 550 sks cmt from 1440 ft. to 90 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: ☐

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 7220 ft. with 100 sacks. Leave at least 100 ft. in casing 7000 CICR Depth

Perforate and squeeze at 5421 ft. with 630 sacks. Leave at least 100 ft. in casing 4575 CICR Depth

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

(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged: ☐

Set 37 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: 1330 ft. of 4+1/2 inch casing

Plugging Date: 02/27/2015

*Wireline Contractor: PIONEER

*Cementing Contractor: SANJEL

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No

*ATTACH JOB SUMMARY

Technical Detail/Comments:

From: Schlagenhauf - DNR, Mark
To: Davis, Tyler [Naill Services Inc.]
Cc: Light, Cheryl; Deal, Traux [Select Energy]; Marchant, Brent
Subject: Re: FW: Graham E "C" #1
Date: Thursday, February 05, 2015 11:10:42 AM
Tyler,
No objection.
Mark Schlagenhauf P.E.
Northeastern Engineer

On Thu, Feb 5, 2015 at 11:01 AM, Davis, Tyler [Naill Services Inc.] <Tyler.Davis@anadarko.com> wrote:

Mark-

We are on the Graham E C #1 (API: 123-09656) for a P&A. I have attached the CBL that shows there is not sufficient cement above the Niobrara. In order to get at least 400' cement above the Niobrara we would like to do the following:

- Perf squeeze holes at 7220' and 7000'
- Set CICR at 7030'
- Pump 138 cu ft/ 100 sx "G" cmt mixed at 15.8 ppg and 1.38 cuft/sk from 7220' to 7000'. (~9.5" OH + 20% excess)
- Under displace and sting out of CICR to leave 3 bbls on top of retainer

Please let me know if you have any objections to the proposed plan.

Thanks,
Tyler Davis

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: SR. REGULATORY ANALYST

Date: _____

Email: rscdjpostdrill@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: _____

Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|---------------------------|----------------------|
| 400807976 | OPERATIONS SUMMARY |
| 400807977 | CEMENT BOND LOG |
| 400807978 | CEMENT JOB SUMMARY |
| 400807979 | GYRO SURVEY |
| 400807980 | WELLBORE DIAGRAM |
| 400807981 | WIRELINE JOB SUMMARY |

Total Attach: 6 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|-----------------------|----------------------------|
| | | |

Total: 0 comment(s)