

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



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Document Number:

400862263

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: 69175

Contact Name: Jenifer Hakkarinen

Name of Operator: PDC ENERGY INC

Phone: (303) 8605800

Address: 1775 SHERMAN STREET - STE 3000

Fax:

City: DENVER State: CO Zip: 80203

Email: Jenifer.Hakkarinen@pdce.com

For "Intent" 24 hour notice required,

Name:

Tel:

COGCC contact:

Email:

API Number 05-123-14877-00

Well Name: SCHAFTER

Well Number: 2

Location: QtrQtr: NWSE Section: 8 Township: 6N Range: 65W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 55996

Field Name: EATON

Field Number: 19350

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.499283

Longitude: -104.685699

GPS Data:

Date of Measurement: 01/16/2010

PDOP Reading: 2.6

GPS Instrument Operator's Name: Brandon Lucason

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

Estimated Depth:

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	7135	7145	04/22/2015	CEMENT	

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	397	285	397	0	
1ST	7+7/8	4+1/2	15.1	7,302	170	7,302	6,276	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIBP #2: Depth _____ with _____ 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 354 sks cmt from 3743 ft. to 3123 ft. Plug Type: CASING Plug Tagged: ☒

Set 300 sks cmt from 3123 ft. to 2335 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 278 sacks half in. half out surface casing from 608 ft. to 148 ft. Plug Tagged: ☒

Set 10 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: 3592 ft. of 4+1/2 inch casing Plugging Date: 04/22/2015

*Wireline Contractor: _____ *Cementing Contractor: Magna

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Schafter 2 (05-123-14877)/Plugging Procedure (Subsequent Report)

Plugging Date: 4/22/2015

Producing formation: Codell

Existing Perforations: Codell: 7135' – 7145'

TD: 7302' PBTD: 7273'

Surface Casing: 8 5/8" 24# @ 397' w/ 285 sks cmt.

Production Casing: 4 1/2" 15.1# @ 7302' w/ 170 sks cmt (TOC 6276').

Procedure:

1. MIRU Magna Energy Services for wireline and cementing. RIH with CIBP. Could not get CIBP to bottom.
2. RIH with bit and scraper to 4500'. Could not get to bottom. Casing appears to be parted.
3. Un-land and pull casing. Laid down 128 jts (3487') of 4 1/2" casing.
4. TIH. Tag top of casing stub at 3592'. Attempted to recover additional casing by cutting casing at 4330' and 4302'. Could not recover additional casing.
5. TIH with tubing to 3743'. Mix and pump 354 sxs of class G 15.8#/gal cmt. Tag TOC at 3123'.
6. With tubing at 3123', mix and pump 300 sxs of class G 15.8#/gal cmt. Tag TOC at 2335'.
7. Reset tubing to 608'. Mix and pump 278 sxs of class G 15.8#/gal cmt circulating cmt to surface.
8. Tag TOC at 148'. Top off surface with 10 sacks cement. Cut casing and weld on cap.

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

Signed: _____ Print Name: JEnifer Hakkarinen

Title: Regulatory Tech Date: _____ Email: Jenifer.Hakkarinen@pdce.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

Att Doc Num

Name

400862270	CEMENT JOB SUMMARY
400862273	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)