

FORM
6

Rev
12/05

State 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:

401479489

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: Peterson, Tom Tel: (303) 815-9641
COGCC contact: Email: tom.peterson@state.co.us

API Number 05-123-20659-00 Well Name: FICKEL Well Number: 41-21
Location: QtrQtr: NENE Section: 21 Township: 4N Range: 67W Meridian: 6
County: WELD Federal, Indian or State Lease Number:
Field Name: WATTENBERG Field Number: 90750

[X] Notice of Intent to Abandon [] Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.304140 Longitude: -104.888110
GPS Data: Date of Measurement: 07/15/2010 PDOP Reading: 1.6 GPS Instrument Operator's Name: Holly L. Tracy
Reason for Abandonment: [] Dry [X] Production Sub-economic [] Mechanical Problems
[] Other
Casing to be pulled: [X] Yes [] No Estimated Depth: 615
Fish in Hole: [] Yes [X] No If yes, explain details below
Wellbore has Uncemented Casing leaks: [] Yes [X] No If yes, explain details below
Details:

Current and Previously Abandoned Zones

Table with 6 columns: Formation, Perf. Top, Perf. Btm, Abandoned Date, Method of Isolation, Plug Depth. Row 1: CODELL, 7275, 7285, , ,

Total: 1 zone(s)

Casing History

Table with 9 columns: Casing Type, Size of Hole, Size of Casing, Weight Per Foot, Setting Depth, Sacks Cement, Cement Bot, Cement Top, Status. Rows: SURF, 12+1/4, 8+5/8, 24, 401, 280, 401, 0, VISU; 1ST, 7+7/8, 4+1/2, 10.5, 7,441, 200, 7,441, 6,440, CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7225 with 2 sacks cmt on top. CIBP #2: Depth 6905 with 2 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 330 sks cmt from 665 ft. to 0 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 4950 ft. with 195 sacks. Leave at least 100 ft. in casing 4565 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 _____ sacks half in. half out surface casing from _____ ft. to _____ 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:

Fickel 41-21 (05-123-20659)/Plugging Procedure (Intent)
 Producing Formation (Perforations): Codell: 7275'-7285'
 TD: 7480' PBD: 7429'
 Surface Casing: 8 5/8" 24# @ 401' w/ 280 sxs
 Production Casing: 4 1/2" 10.5# @ 7441' w/ 200 sxs cmt (TOC @ 6440' - CBL).

Tubing: 2 3/8" tubing set @ 7266' (4/4/2002).

Proposed Procedure:

1. Run gyro survey.
 2. MIRU pulling unit. Pull 2 3/8" tubing.
 3. RU wireline company.
 4. TIH with CIBP. Set BP at 7225'. Top with 2 sxs 15.8#/gal CI G cement.
 5. TIH with CIBP. Set BP at 6905'. Top with 2 sxs 15.8#/gal CI G cement.
 6. Shoot lower squeeze holes at 4950'. Shoot upper squeeze holes at 4550'.
 7. Set CICR at 4565'. Sting in and pump 195 sxs 15.8#/gal CI G cement. Sting out and pump 10 sxs on top of CICR.
 8. TIH with casing cutter. Cut 4 1/2" casing at 615'. Pull cut casing.
 9. TIH with tubing to 665'. RU cementing company. Mix and pump 330 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
 10. Cut surface casing 6' below ground level and weld on cap.
- If there is bradenhead pressure:
1. Run gyro survey.
 2. MIRU pulling unit. Pull 2 3/8" tubing.
 3. RU wireline company.
 4. TIH with CIBP. Set BP at 7225'. Top with 2 sxs 15.8#/gal CI G cement.
 5. TIH with CIBP. Set BP at 6905'. Top with 2 sxs 15.8#/gal CI G cement.
 6. Shoot lower squeeze holes at 4950'. Shoot upper squeeze holes at 4550'.
 7. Set CICR at 4565'. Sting in and pump 195 sxs 15.8#/gal CI G cement. Sting out and pump 10 sxs on top of CICR.
 8. TIH with casing cutter. Cut 4 1/2" casing at 1500'. Pull cut casing.
 9. TIH with tubing to 1550'. RU cementing company. Mix and pump 75 sxs 15.8#/gal CI G cement down tubing. Wait 8 hours or overnight. Check to see if there is any bradenhead pressure or fluid flow after stub plug is set. If there is, contact COGCC for further guidance. If there is not, move on to step 8.
 10. TIH with tubing to 615'. RU cementing company. Mix and pump 450 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
 11. Cut surface casing 6' below ground level 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: Reg 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: _____ Expiration Date: _____

COA Type	Description

Attachment Check List

Att Doc Num	Name
401479546	WELLBORE DIAGRAM
401479547	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)