

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



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Document Number:
400305308

Date Received:
07/12/2012

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: 69175 Contact Name: Jeff Glossa
 Name of Operator: PDC ENERGY INC Phone: (303) 831-3972
 Address: 1775 SHERMAN STREET - STE 3000 Fax: (303) 860-5838
 City: DENVER State: CO Zip: 80203 Email: jglossa@petd.com

For "Intent" 24 hour notice required, Name: PRECUP, JIM Tel: (303) 726-3822
COGCC contact: Email: james.precup@state.co.us

API Number 05-123-11129-00 Well Number: 1
 Well Name: FRYE-SWANSON-FRYE
 Location: QtrQtr: SESE Section: 7 Township: 6N Range: 66W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 55690
 Field Name: ANTELOPE Field Number: 2600

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.496690 Longitude: -104.813750
 GPS Data:
 Date of Measurement: 08/07/2010 PDOP Reading: 1.8 GPS Instrument Operator's Name: Holly L. Tracy
 Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other Casing leak
 Casing to be pulled: Yes No Estimated Depth: 6300
 Fish in Hole: Yes No If yes, explain details below
 Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below
 Details: Routine well service discovered casing leak. Leaks located 2325-2355' Casing above and below leak tested to 1500 psi, tests good.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	7243	7253			

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	272	300	272	0	CALC
1ST	7+7/8	4+1/2	11.5	7,760	300	7,760	6,495	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7190 with 2 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 25 sks cmt from 6250 ft. to 6350 ft. Plug Type: STUB PLUG Plug Tagged:
Set 40 sks cmt from 4250 ft. to 5000 ft. Plug Type: OPEN HOLE 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 50 sacks half in. half out surface casing from 750 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:

Routine repair found casing leaks @ 2325-2355. Propose TIH w/ CIBP and set 50' above perms, dump 2 sx cmt. Free-point casing, cut and pull casing. Set 750' cmt plug across Sussex and Shannon. POOH, Set cmt plug 100' below Fox Hills to surface.

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

Signed: _____ Print Name: Jeff Glossa
Title: Sr. Engineering Tech Date: 7/12/2012 Email: Jglossa@PETD.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: HOLLINSHEAD, RYAN Date: 7/13/2012

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 1/12/2013

- 1) Provide 48 hour notice of MIRU to Jim Precup at (303) 726-3822.
- 2) Based on adjacent water wells cement coverage is required from 680' to at least 50' within the surface casing. This balanced stub plug shall replace the proposed plug half in and half out of the surface casing. If not brought to surface, this plug shall be tagged and must be at least 222' or higher.
- 3) Provide an "As Plugged" wellbore diagram identifying the specific plugging completed.
- 4) Cut and pull casing above the top of cement. Cement plug across casing stub from 6350' to 6250' assumes that the casing is cut off at 6300'. Adjust depths for this plug, as necessary, depending on the actual depth of the casing stub.
- 5) If unable to pull casing contact COGCC for plugging modifications.
- 6) Any cement volumes provided in the Plugging Procedures shall be considered approximate and are for informational purposes only. Actual plugs shall be set to cover the full extent of the depths identified and cement volumes shall be adjusted accordingly to provide this required coverage.
- 7) Properly abandon flowlines as per Rule 1103.
- 8) Operator must tag plugs upon verbal request by the COGCC engineer or COGCC field inspector.
- 9) Prior to or in conjunction with the submittal of the Form 6 Subsequent Report of Abandonment, all well production records shall be brought up to date. This includes any periods that the well was shut in or temporary abandoned, as production must be reported from spud to plug even if the well's production is zero.
- 10) See plugging changes above.

Attachment Check List

Att Doc Num	Name
400305308	WELL ABANDONMENT REPORT (INTENT)
400305311	WELLBORE DIAGRAM
400305316	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

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

Total: 0 comment(s)