

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:
400328002

Date Received:
09/18/2012

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) 830-3972
Address: 1775 SHERMAN STREET - STE 3000 Fax: (303) 861-5838
City: DENVER State: CO Zip: 80203 Email: Jeffrey.Glossa@pdce.com

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

API Number 05-123-11293-00 Well Number: 1-23
Well Name: Magnusson
Location: QtrQtr: SWSW Section: 23 Township: 7N 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: 40.555243 Longitude: -104.751802
GPS Data:
Date of Measurement: _____ PDOP Reading: _____ GPS Instrument Operator's Name: _____
Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other Re-enter D&A and replug
Casing 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
J SAND			08/03/1983	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	320	240	320	0	CALC
OPEN HOLE	7+7/8			8,010				

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 40 sks cmt from 7685 ft. to 7785 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 40 sks cmt from 6910 ft. to 7010 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 40 sks cmt from 4450 ft. to 4550 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:
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 200 sacks half in. half out surface casing from 700 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:

It is PDC Energy's intent to re-enter and re-plug following current best management practices the Magnusson 1-23 borehole. This well was previously plugged as a DA completion in accordance with COGCC regulations in place at the time of its' plugging and has been identified as a candidate for replugging prior to further development drilling in adjacent acreage. PDC has prepared a workover procedure intended for this borehole as follows:

- MI, locate and dig-up casing stub.
- Measure GPS as-built
- MIRU
- NU BOP
- Drill cement plugs in surface casing, clean out hole to TD or as deep as borehole conditions permit
- Circulate and Condition hole
- Run Gryo
- Batch and pump 15 lb/gal "G" neat cement plugs 100' above J Sand, 100' above Niobrara, 100' above Sussex, and from below the base of the Fox Hills (700') to surface, following COGCC approved plugging intent.
- Cut casing 6' below surface and cap
- Back-fill and level.

In the event the plugging operation fails based on the hole's current condition or contents PDC will ensure the plugging of this well in a manner equal to or better than its current condition

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: 9/18/2012 Email: Jeffrey.Glossa@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 by ROBERT SHEARER, RYAN

COGCC Approved:

Date: 9/20/2012

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 3/19/2013

- 1) Provide 48 hour notice of MIRU to Jim Precup at (303) 726-3822.
- 2) Based on adjacent water wells and ground water evaluations, cement coverage is required from 590' to at least 50' within the surface casing. This balanced stub plug shall be tagged, if not brought to surface, and it must be 270' or higher.
- 3) Operator must provide well location GPS coordinates on Subsequent Report of Abandonment in accordance with COGCC As-Built Location Policy and Rule 215.
- 4) Provide an "As Plugged" wellbore diagram identifying the specific plugging completed.
- 5) For all open-hole plugs: pump plug and displace, shut in, WOC 4 hours and tag plug.
- 6) Properly abandon flowlines as per Rule 1103.
- 7) See plugging changes above.

Attachment Check List

Att Doc Num	Name
400328002	FORM 6 INTENT SUBMITTED
400328023	WELLBORE DIAGRAM
400328024	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

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

Total: 0 comment(s)