

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:

401058035

Date Received:

06/14/2016

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: 10084

Contact Name: Julie Webb

Name of Operator: PIONEER NATURAL RESOURCES USA INC

Phone: (720) 359-1555

Address: 5205 N O'CONNOR BLVD STE 200

Fax:

City: IRVING State: TX Zip: 75039

Email: Julie.webb@pxd.com

For "Intent" 24 hour notice required,

Name: Duran, John

Tel: (719) 846-4715

COGCC contact:

Email: john.duran@state.co.us

API Number 05-071-09637-00

Well Name: POLAR QUEEN

Well Number: 33-21

Location: QtrQtr: NWSE Section: 21 Township: 31S Range: 66W Meridian: 6

County: LAS ANIMAS

Federal, Indian or State Lease Number:

Field Name: PURGATOIRE RIVER

Field Number: 70830

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 37.329410

Longitude: -104.783590

GPS Data:

Date of Measurement: 10/22/2008

PDOP Reading: 5.4

GPS Instrument Operator's Name: Adrian Valdez

Reason for Abandonment: ☐ Dry☒ Production 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
RATON-VERMEJO COALS	983	2112			

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
CONDUCTOR	12+3/4	11	42	24				
SURF	11	8+5/8	23	806	303	806	0	VISU
1ST	7+7/8	5+1/2	15.5	2,253	201	2,253	1,143	CBL
S.C. 1.1				1,150	178	1,150	22	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 950 with 24 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 6 sks cmt from 50 ft. to 0 ft. Plug Type: CASING Plug Tagged: ☐
Set 4 sks cmt from 22 ft. to 0 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 _____ 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 _____ sacks half in. half out surface casing from _____ ft. to _____ 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: _____ 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:

Pick up tubing and RIH and set CIBP at 970'.
Mix 24 sacks of cement and set as a balanced plug from 970' – 770'
Mix 6 sacks of cement and set a balanced plug from 50' to surface.
Top off production casing if cement level is more than 4' below ground level.
Cut off casing 4' below surface
Top off production/surface casing annulus or, if necessary, run 1" tubing to at least 50' and cement back 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: Julie Webb

Title: Regulatory analyst Date: 6/14/2016 Email: Julie.webb@pxd.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: SUTPHIN, DIRK Date: 6/27/2016

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 12/26/2016

<u>COA Type</u>	<u>Description</u>
	1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Tag 950' plug 50' above surface casing shoe (806-50=756'). 3) Cement from 50' to surface in casing. Top off annulus. 4) Properly abandon flowlines per Rule 1103. File Form 42 when done. 5) Inscribe abandoned well marker with the well information per Rule 319.a.(5)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401058035	FORM 6 INTENT SUBMITTED
401059082	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Casing: Added existing squeeze cement 178 sx 1150-22' from scout card. Plugging: Moved 970' plug up to 950'. Top perf is 983'. Replaced 6 sx at 50-0' in casing with 10 sx at surface: 50-0' in casing. 22-0' in annulus. CBL indicates TOC 22'.	6/27/2016 2:46:40 PM
Public Room	Document verification complete 06/14/16	6/14/2016 11:22:25 AM

Total: 2 comment(s)