

FORM
6Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Date Received:

08/02/2011

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400191324

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: Judy Glinisty

Name of Operator: PIONEER NATURAL RESOURCES USA INC

Phone: (303) 675-2658

Address: 1401 17TH ST STE 1200

Fax: (303) 294-1275

City: DENVER State: CO Zip: 80202

Email: Judy.Glinisty@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 05-071-07697-00

Well Name: MIDDLE FORK DEEP

Well Number: 31-20

Location: QtrQtr: NWNE Section: 20 Township: 34S Range: 65W 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: 37.076700

Longitude: -104.692790

GPS Data:

Data of Measurement: 07/11/2007

PDOP Reading: 3.9

GPS Instrument Operator's Name: James Roybal

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

Top of Casing Cement: 3440

Fish in Hole: ☒ Yes☐ No

If yes, explain details below

Wellbore has Uncemented Casing leaks: ☐ Yes☒ No

If yes, explain details below

Details: Top of casing cement is 3440'. 1 jt tubing, 1 4' tubing anchor, 2 jts tubing, 1 seating nipple, 1 4' perforated sub, 1 30' mud jt with bullplug stuck on bottom. Fishing and jarring would not release. Top of fish at 4305'. Length of fish approximately 132'.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
NIOBRARA	3980	4275			

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	11	8+5/8	24	1,655	617	1,655	0	CALC
1ST	7+7/8	5+1/2	15.5	5,074	745	5,074	3,440	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3960 with 2 sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.
CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 3420 ft. to 3320 ft. Plug Type: STUB PLUG Plug Tagged: ☐
Set 50 sks cmt from 1705 ft. to 1605 ft. Plug Type: _____ Plug Tagged: ☒
Set 30 sks cmt from 800 ft. to 700 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 15 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:

Niobrara: 3980' - 4000'
4060' - 4070'
4125' - 4135'
4195' - 4225'
4200' - 4225'
4250' - 4275'

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

Signed: _____ Print Name: Donald Wirth

Title: Sr. Operations Engineer Date: 8/2/2011 Email: donald.wirth@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: 8/16/2011

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 2/15/2012

- 1) Provide 48 hour notice of MIRU to John Duran at 719-846-4715 or email John.Duran@state.co.us.
- 2) Plug verification: For 50 sack cement plug at 1705'-1605' tag plug above surface casing shoe. For 15 sack plug at surface cement from 50' to surface.

Attachment Check List

Att Doc Num	Name
400191324	FORM 6 INTENT SUBMITTED
400191333	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Modified plugging procedure and contacted operator:'donald.wirth@pxd.com'; 'Judy.Glinisty@pxd.com'. Saved original version on H:\Dirk\PluggingsRepairsChanges\Pioneer.	8/11/2011 3:07:29 PM

Total: 1 comment(s)