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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 05-069-06349-00 Well Number: 44-1U
 Well Name: JACKSON
 Location: QtrQtr: SESE Section: 1 Township: 5N Range: 68W Meridian: 6
 County: LARIMER 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: 40.423170 Longitude: -104.947390
 GPS Data:
 Date of Measurement: 01/29/2009 PDOP Reading: 4.0 GPS Instrument Operator's Name: HOLLY L. TRACY
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 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
CODELL	7252	7260			
NIOBRARA	6933	7056			

Total: 2 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	895	630	895	0	VISU
1ST	7+7/8	4+1/2	10.5	7,840	260	7,840	6,400	CBL
			Stage Tool	4,992	705	5,040	390	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7662 with 2 sacks cmt on top. CIBP #2: Depth 6883 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 40 sks cmt from 5200 ft. to 4700 ft. Plug Type: CASING Plug Tagged:
 Set 90 sks cmt from 1100 ft. to 0 ft. Plug Type: CASING Plug Tagged:
 Set 90 sks cmt from 390 ft. to 0 ft. Plug Type: ANNULUS 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 _____ 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:

Jackson 44-1U (05-069-06349)/Plugging Procedure (Intent)
 Producing Formation: Codell 7252'-7260' Niobrara 6933'-7056'
 TD: 7866' PBDT: 7811'
 Surface Casing: 8 5/8" 24# @ 895' w/ 630 sxs.
 Production Casing: 4 1/2" 10.5# @ 7840' w/ 260 sks cmt. (TOC at 6400' - CBL)
 DV tool at 4992' cmt'd with 705 sxs. (390' - 5040' CBL)

Tubing: 2 3/8" tubing set at unknown depth. (Swabbed from 6400' 8/1/2016)

Proposed Procedure:

1. MIRU RU pulling unit. Pull tubing.
2. RU wireline company. Run gyro survey from 7250' to surface.
3. TIH with CIBP. Set BP at 7662'. Top with 2 sxs 15.8#/gal CI G cement.
4. TIH with CIBP. Set BP at 6883'. Top with 2 sxs 15.8#/gal CI G cement.
5. TIH with tubing to 5200'. Mix and pump 40 sxs 15.8#/gal CI G cement down tubing.
6. Reset tubing at 1100'. Mix and pump 90 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
7. Fill production casing annulus from top of annular cement at 390' to surface using 1 1/4" tubing. (Estimated volume 90 sxs)
8. 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

