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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: _____ Tel: _____
 Email: _____
COGCC contact:

API Number 05-123-20905-00 Well Number: 23-5
 Well Name: WYSCAVER
 Location: QtrQtr: NESW Section: 5 Township: 4N Range: 63W 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: 40.339890 Longitude: -104.464560
 GPS Data:
 Date of Measurement: 10/27/2010 PDOP Reading: 1.6 GPS Instrument Operator's Name: Steve Cure
 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
J SAND	7100	7138	03/21/2017	B PLUG CEMENT TOP	7050
DAKOTA	7370	7398	08/21/2002	BRIDGE PLUG	7340
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	402	285	402	0	VISU
1ST	7+7/8	4+1/2	10.5	7,577	250	7,577	5,914	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7164 with 2 sacks cmt on top. CIBP #2: Depth 7050 with 2 sacks cmt on top.
 CIBP #3: Depth 6312 with 2 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 459 sks cmt from 1100 ft. to 0 ft. Plug Type: STUB PLUG 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:
 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: 1000 ft. of 4+1/2 inch casing Plugging Date: 03/21/2017
 *Wireline Contractor: Ranger *Cementing Contractor: Ranger
 Type of Cement and Additives Used: 15.8 PPG CL G Neat Cement
 Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Wyscaver 23-5 (05-123-20905)/Plugging Procedure
 Producing Formation: J Sand 7100'-7138'
 Plugged Back Formation: Dakota 7370'-7398'
 Existing CIBP Set at: 7340' (without cement)
 TD: 7587' PBTD: 7538'
 Surface Casing: 8 5/8" 24# @ 402' w/ 285 sxs.
 Production Casing: 4 1/2" 10.5 & 11.6# @ 7577' w/ 250 sks cmt (TOC at 5914' CBL)

Tubing: 2 3/8" tubing set at 7001'. (8/22/2002)

Procedure:

1. MIRU RU pulling unit. Pull 2 3/8" tubing.
2. TIH with CIBP. Set BP at 7164'. Top with 2 sxs 15.8#/g cement.
5. TIH with CIBP. Set BP at 7050'. Top with 2 sxs 15.8#/g cement.
6. TIH with CIBP. Set BP at 6312'. Top with 2 sxs 15.8#/g cement.
6. TIH with casing cutter. Cut 4 1/2" casing at 1000'. Pull cut casing.
7. TIH with tubing to 1100'. RU cementing company. Mix and pump 459 sxs 15.8#/gal Cl G cement down tubing. Cement circulate to surface.
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

