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 402564825
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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: Valerie Danson
 Name of Operator: PDC ENERGY INC Phone: (970) 506-9272
 Address: 1775 SHERMAN STREET - STE 3000 Fax: _____
 City: DENVER State: CO Zip: 80203 Email: valerie.danson@pdce.com

For "Intent" 24 hour notice required, Name: _____ Tel: _____
 Email: _____
COGCC contact:

Type of Well Abandonment Report: Notice of Intent to Abandon Subsequent Report of Abandonment

API Number 05-123-11929-00
 Well Name: OWL CREEK Well Number: 7
 Location: QtrQtr: NESE Section: 5 Township: 6N Range: 64W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 28300
 Field Name: WATTENBERG Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.513451 Longitude: -104.566856
 GPS Data: GPS Quality Value: 1.4 Type of GPS Quality Value: PDOP Date of Measurement: 11/25/2020
 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
NIOBRARA-CODELL	6916	7102	12/02/2020	B PLUG CEMENT TOP	6866
J SAND	7544	7554	04/29/1990	B PLUG CEMENT TOP	7490

Total: 2 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	8+5/8	J55	24	0	331	250	331	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7638	300	7638	6600	CBL

Subsurface hazards include, but are not limited to, the following: overpressured zones, underpressured zones, major geologic faults, salt sections, H2S at concentrations greater than or equal to 100 ppm.

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6866 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 _____ 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:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 300 ft. with 64 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 145 sacks half in. half out surface casing from 1704 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 0
 Surface Plug Setting Date: 12/03/2020 Cut and Cap Date: 12/03/2020
 *Wireline Contractor: Rocky Mtn Wireline Services *Cementing Contractor: DUCO Inc. Cementing Services
 Type of Cement and Additives Used: Class G 15.8 PPG Cement
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

Owl Creek 7 (05-123-11929)/Plugging Procedure
 Producing Formation: Niobrara/Codell: 6916'-7102'
 Abandoned Formation: JSand: 7544'-7554'
 Upper Pierre Aquifer: 560'-1600'
 TD: 7650' PBTD: 7175' (6/4/2007)
 Surface Casing: 8 5/8" 24# @ 331' w/ 250 sxs cmt
 Production Casing: 4 1/2" 11.6# @ 7638' w/ 300 sxs cmt (TOC @ 6600' - CBL)
 Existing CIBP @ 7490' w/ 10 sxs cmt (4/29/1990)
 Existing CIBP @ 7308' w/ 4 sxs cmt (3/22/1992)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company. TIH and tag dump bail of existing CIBP at 7290'.
3. TIH with CIBP. Set BP at 6866'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Nio perms @ 6916')
4. Run a Strip Log from 2700' to Surface (for casing cut verification, log not kept).
5. Performed a stretch calculation, attempted to unland casing with no luck. Contacted the State, moved forward with the approved procedure change.
6. TIH with perf gun. Shot holes @ 300'.
7. TIH with tubing to 1704'. Mix and pump 145sxs 15.8 #/gal CI G cement down tubing. (Pierre coverage from 1700'-1500'). Cement circulate to surface.
8. Close off casing returns. Hook up cement line to cement flange and pump 64 sxs 15.8#/gal CI G cement downhole and squeeze through perforations @ 300' into annular space. Cement circulate to surface.
9. 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: Valerie Danson
 Title: Reg Tech Date: _____ Email: valerie.danson@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.

COGCC Approved: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

Attachment Check List

Att Doc Num	Name
402564826	CEMENT JOB SUMMARY
402564827	OTHER
402564828	PRESSURE TEST
402564829	OPERATIONS SUMMARY
402564830	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)