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402900013

Date Received:
12/15/2021

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: Jessica Johannsen
 Name of Operator: PDC ENERGY INC Phone: (303) 860-5800
 Address: 1775 SHERMAN STREET - STE 3000 Fax: _____
 City: DENVER State: CO Zip: 80203 Email: jessica.johannsen@pdce.com

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

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

API Number 05-123-12299-00
 Well Name: JOHNSON OLY Well Number: 1
 Location: QtrQtr: NWNE Section: 32 Township: 6N Range: 65W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 55782
 Field Name: GREELEY Field Number: 32760

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.449167 Longitude: -104.685000
 GPS Data: GPS Quality Value: 2.5 Type of GPS Quality Value: _____ Date of Measurement: 01/16/2010

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	6791	7114	12/10/2020	B PLUG CEMENT TOP	6741

Total: 1 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	306	350	306	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7212	250	7212	6180	CBL
				Stage Tool		3034	950	3034	0	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2500 with 2 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 130 sks cmt from 1480 ft. to 0 ft. Plug Type: CASING 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 20 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: 46
Surface Plug Setting Date: 09/13/2021 Cut and Cap Date: 10/29/2021
*Wireline Contractor: SureFire *Cementing Contractor: Duco Inc
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:

Johnson Oly 1 (05-123-12299) Plugging Procedure
Abandoned/TA'd Formation: Niobrara/Codell: 6791'-7114'

Upper Pierre Aquifer: 420'-1380'

Deepest Water Well: 554'
TD: 7218' PBTD: 7200' (7/31/2017)
Surface Casing: 8 5/8" 24# @ 306' w/ 350 sxs cmt
Production Casing: 4 1/2" 11.6# @ 7212' w/ 250 sxs (TOC @ 6180' - CBL)
DV Tool @ 3034' w/ 950 sxs cmt (TOC @ Surface - CBL)
Existing CIBP @ 6741' w/ 2 sxs cmt (12/10/2020)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company. TIH and tag dump bail of Existing CIBP @ 6741'.
3. Run a CBL from 3200' to Surface (Confirm cement coverage).
4. TIH with CIBP. Set BP at 2500'. Top with 2 sxs 15.8#/gal CI G cement.
5. Wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or fluid migration, contact engineering before continuing operations.
6. TIH with tubing to 1480'. RU cementing company. Mix and pump 130 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
7. Well casing cut and capped per COGCC guidelines at a depth as not to interfere with soil cultivation.

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

Signed: _____ Print Name: Jessica Johannsen
 Title: Regulatory Analyst Date: 12/15/2021 Email: jessica.johannsen@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: JENKINS, STEVE Date: 2/11/2022

CONDITIONS OF APPROVAL, IF ANY: _____

Condition of Approval

COA Type	Description
0 COA	

Attachment List

Att Doc Num	Name
402900013	FORM 6 SUBSEQUENT SUBMITTED
402900045	CEMENT BOND LOG
402900046	CEMENT JOB SUMMARY
402900047	OTHER
402900048	OPERATIONS SUMMARY
402900051	WELLBORE DIAGRAM

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)