

FORM

6

Rev
11/20

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Replug By Other Operator

Document Number:

403377680

Date Received:

04/27/2023

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: 1099 18TH STREET SUITE 1500

Fax:

City: DENVER State: CO Zip: 80202

Email: valerie.danson@pdce.com

For "Intent" 24 hour notice required,

Name: Santistevan, Brittani

Tel: (720) 471-1110

COGCC contact:

Email: brittani.santistevan@state.co.us

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

API Number 05-123-08111-00

Well Name: EASTMAN KODAK

Well Number: 1

Location: QtrQtr: SESW Section: 27 Township: 6N Range: 67W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WILDCAT

Field Number: 99999

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.451950

Longitude: -104.882080

GPS Data: GPS Quality Value: 1.1 Type of GPS Quality Value: PDOP Date of Measurement: 04/13/2023

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Re-enter to Re-plug for PDC's Kodak developmentCasing to be pulled: ☐ Yes ☒ No Estimated Depth:Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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	7572	7600	12/30/1974	CEMENT	7340

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	262	250	262	0	VISU
1ST	7+7/8	5+1/2	J55	15.5	0	7685	270	7685	6750	CALC
S.C. 1.1						4200	335	4200	3010	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ 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 _____ 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 _____ 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 97 sacks half in. half out surface casing from 300 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

Surface Plug Setting Date: _____ Cut and Cap Date: _____ Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____

*Wireline Contractor: _____

*Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

Eastman Kodak 1 (05-123-08111)/Re-Enter to Re-Plug Procedure (Intent)

Original Abandon Date: 12/30/1974

Abandoned Formation: J Sand: 7572'-7600'

Upper Pierre Aquifer: Base: 1056'

Deepest Water Well: 300'

TD: 7710'

Surface Casing: 8 5/8" 24# @ 262' w/ 250 sxs cmt

Production Casing: 5 1/2" 15.5# @ 7685' w/ 270 sxs cmt (TOC @ 6750'- Calc)

Stage Tool @ 4200' w/ 335 sxs cmt (TOC @ 3010'- Calc)

Open Hole: 7 7/8" @ 3001'-262'

Existing Plugs: 7638'-7340' (40 sx cmt), 3200'-2890' (50 sx cmt), 430'-300' (50 sx cmt)

Proposed Procedure:

1. Dig out to find wellhead and check pressure.
2. Cut cap off, extend surface pipe to achieve ground level.
3. MIRU WO unit, ND wellhead, NU BOP, tally all pipe to be ran in well.
4. Wash run down to balance cement plug and tag TOC at ~300' (according to well history data).
5. PU tubing to 300'. RU cementing company. Mix and pump 97 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface. Top off if necessary.
6. RDMO WO unit. Remove extension of surface pipe.
7. Weld on cap with ID plate, inscribed with well location, and identity. Backfill, clean location. Re-Entry complete.

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

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: 5/18/2023

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 11/17/2023

COA Type**Description**

	Due to proximity to surface water, Operator will review the stormwater program and implement stormwater BMPs and erosion control measures as needed to prevent fine-grained sediment and impacted stormwater runoff from entering surface water.
	1) Provide 2 business day notice of plugging MIRU via electronic Form 42, and provide 48 hours Notice of Plugging Operations, prior to mobilizing for plugging operations via electronic Form 42. These are 2 separate notifications, required by Rules 405.e and 405.I. 2) Prior to placing the 300' plug: verify that all fluid migration (liquid and gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders. 3) After isolation has been verified, pump surface casing shoe plug. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 212' or shallower and provide 10 sx plug at the surface. 4) Leave at least 100' of cement in the wellbore for each plug without mechanical isolation. 5) With the Form 6 SRA operator must provide written documentation which positively affirms each COA listed above has been addressed.
	Operator shall implement measures to control venting, to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.

3 COAs

Attachment List**Att Doc Num****Name**

403377680	FORM 6 INTENT SUBMITTED
403377703	WELLBORE DIAGRAM
403377704	WELLBORE DIAGRAM
403386636	SURFACE OWNER CONSENT
403386637	LOCATION PHOTO

Total Attach: 5 Files

General Comments**User Group****Comment****Comment Date**

OGLA	OGLA review is complete.	05/17/2023
Engineer	No flowlines to abandon, this is a re-plugging. No Bradenhead test required prior to plugging.	05/02/2023
Engineer	1) Deepest Water Well within 1 mile = 300'. 2) Fox Hills Bottom- N/A, per SB5.	05/02/2023
Permit	Submitter supplied as-drilled well location. Production reporting OK. No other forms in process. Confirmed productive intervals docnum: 197429. Reviewed attachments. Pass.	04/27/2023

Total: 4 comment(s)