

FORM
6Rev
11/20

State of Colorado Oil and Gas Conservation Commission

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Document Number:

402973375

Date Received:

03/04/2022

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: 17180

Contact Name: Jessica Zarco

Name of Operator: CITATION OIL & GAS CORP

Phone: (281) 891-1565

Address: 14077 CUTTEN RD

Fax:

City: HOUSTON State: TX Zip: 77069

Email: JZarco@cogc.com

For "Intent" 24 hour notice required,

Name: Schure, Kym

Tel: (970) 520-3832

COGCC contact:

Email: kym.schure@state.co.us

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

API Number 05-075-09326-00

Well Name: DUBOIS

Well Number: 5

Location: QtrQtr: NENW Section: 7 Township: 9N Range: 52W Meridian: 6

County: LOGAN

Federal, Indian or State Lease Number:

Field Name: PADRONI WEST

Field Number: 67000

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.774092

Longitude: -103.221475

GPS Data: GPS Quality Value: 2.0 Type of GPS Quality Value: PDOP Date of Measurement: 05/08/2006

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems☐ Other UneconomicCasing 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	4775	4785	09/09/2000	SQUEEZED	
O SAND	5010	5015			

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	na	24	0	354	260	354	0	VISU
1ST	7+7/8	5+1/2	na	15.5	0	5058	230	5058	3574	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4975 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 60 sks cmt from 4975 ft. to 4495 ft. Plug Type: CASING Plug Tagged: ☐
Set 20 sks cmt from 3624 ft. to 3524 ft. Plug Type: CASING Plug Tagged: ☐
Set 5 sks cmt from 710 ft. to 685 ft. Plug Type: CASING Plug Tagged: ☐
Set 50 sks cmt from 410 ft. to 0 ft. Plug Type: CASING Plug Tagged: ☐
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 410 ft. with 70 sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at 760 ft. with 40 sacks. Leave at least 100 ft. in casing 710 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

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:

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

Signed: _____ Print Name: Jessica Zarco

Title: Regulatory Analyst II Date: 3/4/2022 Email: JZarco@cogc.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: Wolfe, Stephen Date: 3/22/2022

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 9/21/2022

Condition of Approval

COA Type	Description
	<p>Bradenhead Testing Prior to starting plugging operations a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations.</p> <ol style="list-style-type: none"> 1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. <p>The Form 17 shall be submitted within 10 days of the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the COGCC within three (3) months of collecting the samples.</p> <p>If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.</p>
	<p>Plugging</p> <ol style="list-style-type: none"> 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Contact COGCC Area Inspector prior to commencing plugging operations. 3) Plugs and squeezes will be placed as stated in the Plugging Procedure section of the approved NOIA unless revised by COA or prior approval from COGCC is obtained. 4) The wellbore must be static prior to placing cement plugs which are to be a minimum of 100' in length for all but surface plugs. Mechanical isolation requires a 25' cement plug, minimum. For plugs not specified to be tagged, a tag is required if circulation is not maintained while pumping plug and displacing to depth. Tag at tops specified or shallower. Notify COGCC Area Engineer before adding cement to previous plug. 5) Place a 50' plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. Surface plugs shall be circulated to surface. Confirm cement to surface in all strings during cut and cap. 6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed. 7) No current Form 17 on file with COGCC. Contact COGCC area engineer with results of pre-plugging bradenhead test for confirmation of plugging procedure prior to commencing plugging operations. 8) After placing the shallowest hydrocarbon isolating plug (4975'), operator must wait a sufficient time on all subsequent plugs to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC Area Engineer before continuing operations. 9) Properly abandon flowlines as per Rule 1105. Pursuant to Rule 911.a. Closure of Oil and Gas Facilities, Operator will submit Site Investigation and Remediation Workplans via Form 27 for COGCC prior approval before cutting and capping the plugged well, conducting flowline abandonment, and removing production equipment. Pursuant to Rule 1105.f. Abandonment Verification, within 90 days of an operator completing abandonment requirements for a flowline or crude oil transfer line, an operator must submit a Field Operations Notice, Form 42-Abandonment of Flowlines for on-location flowlines, and a Flowline Report, Form 44, for off-location flowlines or crude oil transfer lines. 10) The plugging procedure has been modified as follows, Plug #1 - 4975', CIBP with 60 sx to bring TOC to 4495', 100' above the D Sand top. Plug #2 - 3624', 15 sx balanced plug inside casing. Plug #3 - 760', perf and squeeze 40 sx through the CICR at 710', place 5 sx on top of CICR. Plug #4 - 410', Perf and pump 120 sx, the intention is to circulate cement to the surface and leave the casing full. WOC and tag required if cement does not reach the surface and remain there. Plug #5 - See COA #5 11) This well is subject to Corrective Action as specified in Doc #402958947.

	Due to close proximity to Residential Building Units: prior to commencing operations, at a minimum, the operator will provide an informational sheet to the owners/occupants of BUs that are nearby and adjacent to the parcel on which the well is located. The sheet will include the operator's contact information and the nature, timing, and expected duration of the PA operations.
	Operator will implement measures to capture, combust, or control emissions 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 health, welfare and the environment. Due to proximity of building units (BUs) all blowdown gases will be controlled.
4 COAs	

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402973375	FORM 6 INTENT SUBMITTED
402973406	WELLBORE DIAGRAM
402973408	WELLBORE DIAGRAM
402973409	PROPOSED PLUGGING PROCEDURE

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Groundwater: Upper Pierre Deepest water well: 320'(1mi, 15 wells) Log: 075-07478 GR=4046 UP 0-660'	03/22/2022
Permit	Confirmed as-drilled well location. Confirmed Osnd perms docnum: 866697, confirmed Jsand sqz docnum: 899920. Added info to zones tab. Reviewed WBDs and procedure. Production reporting up-to-date for this operator. Pass.	03/07/2022
OGLA	This oil and gas location is within CPW-mapped Mule Deer Severe Winter Range High Priority Habitats. CPW recommends that plugging and abandonment (PA) activities should not take place from December 1 to April 30.	03/07/2022

Total: 3 comment(s)