

FORM  
6

Rev  
02/20

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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Document Number:

402319167

Date Received:

02/24/2020

**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: Kelly Vasquez  
 Name of Operator: CITATION OIL & GAS CORP Phone: (281) 891-1555  
 Address: 14077 CUTTEN RD Fax: \_\_\_\_\_  
 City: HOUSTON State: TX Zip: 77269 Email: kvasquez@cogc.com

**For "Intent" 24 hour notice required,** Name: Schure, Kym Tel: (970) 520-3832  
 Email: kym.schure@state.co.us

**COGCC contact:** \_\_\_\_\_

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

API Number 05-075-06620-00  
 Well Name: W E DICKINSON Well Number: 3  
 Location: QtrQtr: SWSW Section: 6 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: 40.776636 Longitude: -103.226800  
 GPS Data: GPS Quality Value: 2.7 Type of GPS Quality Value: PDOP Date of Measurement: 05/08/2006  
 GPS Instrument Operator's Name: George Allen

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
O SAND	5007	5015			

Total: 1 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	17.26	284	250	284	0	VISU
1ST	7+7/8	5+1/2	14	5,074	150	5,074	4,074	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4975 with 5 sacks cmt on top. CIBP #2: Depth 2500 with 5 sacks cmt on top.  
CIBP #3: Depth 4569 with 5 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 50 sks cmt from 370 ft. to 0 ft. Plug Type: CASING Plug Tagged:   
Set 80 sks cmt from 370 ft. to 0 ft. Plug Type: ANNULUS 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 370 ft. with 130 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: \_\_\_\_\_ ft. \_\_\_\_\_ inch casing Cut and Cap Date: \_\_\_\_\_  
of \_\_\_\_\_  
\*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: Kelly Vasquez  
Title: Regulatory Analyst III Date: 2/24/2020 Email: kvasquez@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: 3/27/2020

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

Expiration Date: 9/26/2020

<b>COA Type</b>	<b>Description</b>
	<p>Plugging</p> <ol style="list-style-type: none"> <li>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</li> <li>2) Properly abandon flowlines as per Rule 1105. File electronic Form 42 once abandonment complete. Within 30 days of an operator completing abandonment requirements for an off-location flowline or crude oil transfer line the operator must submit a Flowline Report, Form 44.</li> <li>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.</li> <li>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.</li> <li>5) Place a 50' plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. Confirm cement to surface in all strings during cut and cap.</li> <li>6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.</li> <li>7) Contact COGCC Area Inspector prior to commencing plugging operations.</li> <li>8) 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.</li> <li>9) Add a CIBP with 5 sx of cement at 4957'.</li> <li>10) After placing the shallowest hydrocarbon isolating plug (4957'), 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.</li> <li>11) Move CIBP with 5 sx of cement from 4080' to 2500'.</li> <li>12) Increase surface cement plug to 370' and 130 sx, adjust cement volume accordingly. Tag required if cement does not circulate to surface, contact COGCC Area Engineer.</li> <li>13) See COA 5) for surface plug requirements. Surface plugs shall be circulated to surface.</li> </ol>
	<p>Venting</p> <p>Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.</p>
	<p>Bradenhead Testing</p> <p>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"> <li>1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.</li> <li>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.</li> </ol> <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>

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402319167	FORM 6 INTENT SUBMITTED
402321507	WELLBORE DIAGRAM
402321728	PROPOSED PLUGGING PROCEDURE
402321764	WELLBORE DIAGRAM

Total Attach: 4 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	SB5 No results Aquifer base + 50 = None WW + Elev + 50 = 320' + 4036 - 4035 + 50 = 369' 1 mi, 336 + 4036 - 4010 + 50 = 422' 1.5 mi, 446' 2 mi Logs 1/8/1961 UPA base 630'	03/27/2020
Engineer	<ul style="list-style-type: none"><li>• Increase surface plug for deepest water well within 1 mile</li><li>• Place CIBP beneath base of Upper Pierre</li><li>• Place CIBP above shallowest productive interval within 1 mile</li><li>• Place CIBP 50' above perforated interval</li></ul>	03/27/2020
Permit	<ul style="list-style-type: none"><li>-Confirmed as-drilled well location.</li><li>-Production reporting up-to-date.</li><li>-Confirmed productive interval docnum: 238324.</li><li>-Reviewed WBDs and procedure.</li><li>-Pass.</li></ul>	02/25/2020

Total: 3 comment(s)