

FORM
6
Rev
05/18

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:

402307855

Date Received:

02/18/2020

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: 10459 Contact Name: John Zarra
 Name of Operator: EXTRACTION OIL & GAS INC Phone: (720) 481-2395
 Address: 370 17TH STREET SUITE 5300 Fax: _____
 City: DENVER State: CO Zip: 80202 Email: JZarra@ExtractionOG.com

For "Intent" 24 hour notice required, Name: Santistevan, Brittani Tel: (720) 471-1110
COGCC contact: Email: brittani.santistevan@state.co.us

API Number 05-123-10763-00 Well Number: 1
 Well Name: RKW
 Location: QtrQtr: SWNE Section: 24 Township: 5N Range: 66W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WATTENBERG Field Number: 90750

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.386495 Longitude: -104.722990
 GPS Data:
 Date of Measurement: _____ PDOP Reading: _____ GPS Instrument Operator's Name: _____
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other offset to frac; re-enter and replug
 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

Total: 0 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	24	234	180	234	0	VISU
OPEN HOLE	7+7/8			7,837				

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 89 sks cmt from 4350 ft. to 4150 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 83 sks cmt from 2500 ft. to 2300 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 115 sks cmt from 334 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:

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 115 sacks half in. half out surface casing from 334 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. _____ 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 *ATTACH JOB SUMMARY

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: John Zarra

Title: Production Engineer Date: 2/18/2020 Email: JZarra@ExtractionOG.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: McFarland, Nick Date: 2/20/2020

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 8/19/2020

<u>COA Type</u>	<u>Description</u>
	<p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) 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>3) Leave at least 100' of cement in the wellbore for each plug.</p> <p>4) If unable to wash down after drilling out plugs previously set stop and contact COGCC engineer for an update to the plugging procedure.</p> <p>5) Tag existing cement plug at 4350'.</p> <p>6) For the plug at 334', if cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at AAA' or shallower and provide 10 sx plug at the surface.</p>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402307855	FORM 6 INTENT SUBMITTED
402308049	WELLBORE DIAGRAM
402308050	WELLBORE DIAGRAM
402314269	SURFACE OWNER CONSENT
402315505	LOCATION PHOTO
402315508	LOCATION PHOTO
402315509	LOCATION PHOTO
402315510	LOCATION PHOTO

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>SB5 Base of Fox Hills: N/A</p> <p>Deepest water well within 1 mile: 135' # of wells: 50</p> <p>Sussex / Shannon NOT productive within 1 mile.</p>	02/20/2020
Permit	Pass	02/18/2020
Permit	No direction indicated on photos. Returned to draft.	02/18/2020
Permit	-Missing surface owner consent and photos from 4 direction. See horizontal offset policy option 3. -Returned to draft.	02/11/2020

Total: 4 comment(s)