

Document Number:
 401724681
 Date Received:

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: 74165 Contact Name: Edward Ingve
 Name of Operator: RENEGADE OIL & GAS COMPANY LLC Phone: (303) 829-2354
 Address: 6155 S MAIN STREET #210 Fax: (303) 680-4907
 City: AURORA State: CO Zip: 80016 Email: ed@renegadeoilandgas.com

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

API Number 05-005-06660-00
 Well Name: STATE B Well Number: 1
 Location: QtrQtr: SESW Section: 15 Township: 5S Range: 64W Meridian: 6
 County: ARAPAHOE Federal, Indian or State Lease Number: 89/6121-S
 Field Name: BRAVE Field Number: 7515

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.609960 Longitude: -104.541650
 GPS Data:
 Date of Measurement: 12/29/2009 PDOP Reading: 1.8 GPS Instrument Operator's Name: Keith Westfall
 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	7618	7714	07/23/2018	CEMENT	6588
D SAND	8162	8188	03/13/2012	B PLUG CEMENT TOP	8125
J SAND	8218	8222	02/14/1987	BRIDGE PLUG	8215

Total: 3 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	184	160	184	0	VISU
1ST	7+7/8	4+1/2	11.6	8,298	150	8,298	7,615	CBL
S.C. 1.1				7,605	190	7,610	7,050	CBL
S.C. 1.2				1,950	600	1,915	0	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.
 CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 100 sks cmt from 7811 ft. to 6588 ft. Plug Type: CASING Plug Tagged:
 Set 75 sks cmt from 2100 ft. to 1670 ft. Plug Type: CASING Plug Tagged:
 Set 50 sks cmt from 1450 ft. to 659 ft. Plug Type: CASING Plug Tagged:
 Set 20 sks cmt from 252 ft. to 0 ft. Plug Type: CASING Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 Perforate and squeeze at 4510 ft. with 50 sacks. Leave at least 100 ft. in casing _____ CICR Depth
 Perforate and squeeze at 2100 ft. with 75 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 Plugging Date: 08/02/2018
 *Wireline Contractor: Pioneer Energy Services *Cementing Contractor: Basic Energy Services
 Type of Cement and Additives Used: Class G 15.8 ppg (plugs at 4500' & 2100' had 2% CaCl)
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Plugging and abandonment of the State B-1 was performed in late July/early August 2018 in accordance to a COGCC Form 6 (Document Number 401639732) approved for the well on 6/25/2018.

Plugging of the previously producing Niobrara perforations (7618'-7714') was accomplished by spotting a 100 sack plug from below the perforations to well above the perforations on 7/23/2018. A packer was utilized in an attempt to squeeze some of the cement through the perms. Very little cement was displaced into the perforation prior to pressuring out. As a result the plug across the Niobrara interval has a bottom of 7811' and a calculated top of 6588'.

Per the COA of the plugging request, squeeze perforation were shot on 7/24/2018 in the State B-1's 4 1/2" production casing at 4510' and 2100'.

The 4510' squeeze holes were plugged by pumping 50 sacks of cement with calcium chloride on 7/30/2018 down tubing underneath a packer and displacing the cement to 4300'. This calculates to having approximately 35 sacks of cement outside the pipe and 15 sacks of cement remaining inside the pipe. Contactor equipment issues prevented the remaining cementing from being done that day.

The 2100' squeeze holes were plugged by pumping 75 sacks of cement with calcium chloride on 8/2/2018 down tubing underneath a packer and displacing the cement to 1700'. The top of this plug was later tagged at 1670'. This combined two of the required plugs from the Form 6 procedure. Because of the nature of the Form 6 presentation, this plug is listed in both the set plug section and perforate and squeeze section of the submitted Form 6 subsequent report of abandonment.

Also on 8/2/2018, a 50 sack cased hole balanced cement plug was spotted from 1450' to 659'. This combined two of the required plugs from the Form 6 procedure.

Lastly a 20 sack cased hole balanced cement plug was spotted from 252' to surface. This combined the final required plug from the Form 6 procedure with the surface plug. Casing has been cut 4' below ground level and a plate has been welded on. All onsite flowlines have been removed. Location is being restored.

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

Signed: _____ Print Name: Edward Ingve
 Title: Manager/Owner Date: _____ Email: ed@renegadeoilandgas.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: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401724683	WIRELINE JOB SUMMARY
401731033	CEMENT JOB SUMMARY
401731035	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)