

Document Number:
401775067

Date Received:
09/27/2018

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: 94300 Contact Name: Randy Ward

Name of Operator: WARD & SON* ALFRED Phone: (308) 2848350

Address: P O BOX 737 Fax: _____

City: OGALLALLA State: NE Zip: 69153 Email: randy@wardoill.com

For "Intent" 24 hour notice required, Name: Sherman, Susan Tel: (719) 775-1111

COGCC contact: Email: susan.sherman@state.co.us

API Number 05-121-05603-00

Well Name: STATE Well Number: 3

Location: QtrQtr: SWNW Section: 16 Township: 3S Range: 56W Meridian: 6

County: WASHINGTON Federal, Indian or State Lease Number: _____

Field Name: BIG BEAVER Field Number: 6415

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.792980 Longitude: -103.665870

GPS Data:
Date of Measurement: 10/22/2010 PDOP Reading: 1.4 GPS Instrument Operator's Name: RANDY WARD

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____

Casing to be pulled: Yes No Estimated Depth: 1000

Fish in Hole: Yes No If yes, explain details below

Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below

Details: Water is following outside of surface casing to surface. Unknown if due to hole in casing or high water table. Bottom hole pressure is low, packer is set on end of tubing to insure not production zone.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
J SAND	4972	4992			

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	13+3/4	8+5/8	22	213	175	213	0	VISU
1ST	7+7/8	5+1/2	14	5,100	175	5,100	4,350	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4920 with 2 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 50 sks cmt from 1050 ft. to 900 ft. Plug Type: STUB PLUG 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 120 sacks half in. half out surface casing from 250 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 Plugging 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: Randy Ward

Title: pres Date: 9/27/2018 Email: randy@wardoil.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: SUTPHIN, DIRK Date: 9/27/2018

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 3/26/2019

COA Type

Description

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401775067	FORM 6 INTENT SUBMITTED
401776343	WELLBORE DIAGRAM
401776344	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Operator agrees with changes except number of sks cement on surface casing. He said it is 175 sks. On production casing he suggested a TOC of 4350'.	09/27/2018
Engineer	Contacted Operator (Randy Ward) Regarding: Background Info: Estimated depth of cut = 500'. Plugging and WBD say cut will be at 1000'. Casing History: TOC 750' Calc. This would be below proposed casing cut at 1000' as shown on WBD and plugs. Original 1954 Log of Oil & Gas Well doc #333409 has 5.5" casing at 5100' (not 5131') and surface casing cement = 150 sks (not 175). No CBL. I Calculate 5.5" casing TOC ~4000'. Plugs: Form has 120 sacks as surface plug. WBD shows 120 sks from 250' to surface. Should move this 120 sks up to the "Set sacks half in. half out surface casing from 250 ft. to 0 ft. Depth 1000' and quantity 50 sks of stub plug is ok. J-Sand plug proposed at 4960' should be moved up to 50' above the perfs (4972'-50'=4922').	09/27/2018
Permit	Missing current WBD. Returned to draft	09/27/2018

Total: 3 comment(s)