

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.

Document Number:
401698125

Date Received:
07/12/2018

OGCC Operator Number: 10110 Contact Name: Michael Andrews

Name of Operator: GREAT WESTERN OPERATING COMPANY LLC Phone: (970) 433-8704

Address: 1001 17TH STREET #2000 Fax: _____

City: DENVER State: CO Zip: 80202 Email: mandrews@gwogco.com

For "Intent" 24 hour notice required, Name: Carlile, Craig Tel: (970) 629-8279

COGCC contact: Email: craig.carlile@state.co.us

API Number 05-123-11592-00

Well Name: WILLSON Well Number: 41-2

Location: QtrQtr: NENE Section: 2 Township: 3N Range: 68W 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: 40.260642 Longitude: -104.963590

GPS Data:
Date of Measurement: 07/10/2018 PDOP Reading: 1.2 GPS Instrument Operator's Name: James Freshwater

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other Re-plug for off set completion

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
CODELL	7348	7359	06/16/1993	B PLUG CEMENT TOP	7100

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	9+5/8	36	381	300	381	0	VISU
1ST	7+7/8	4+1/2	10.5	7,440	150	7,440	6,500	CALC

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 140 sks cmt from 2500 ft. to 2200 ft. Plug Type: OPEN HOLE Plug Tagged:
 Set 400 sks cmt from 950 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:
 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 _____ 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: _____
 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:

Proposed work description:
 Drill cmt plugs at surface and 381'.
 After exiting surface casing at 381' attempt to wash to 2500'.
 If able to get to 2500' pump 140sx cmt from 2500' to 2200'
 Pull up hole to 950' Pumped 400sx cmt to Surface
 Cut and cap

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

Signed: _____ Print Name: Michael Andrews
 Title: Operation Engineer Date: 7/12/2018 Email: mandrews@gwogco.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: Jacobson, Eric Date: 7/13/2018

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 1/12/2019

COA Type	Description
	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Prior to placing the 950' plug: verify that all fluid migration (liquid or gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders. 3) After isolation has been verified, pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 331' or shallower and provide 10 sx plug at the surface. 4) Leave at least 100' of cement in the wellbore for each plug.
	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.
	•Reported "as drilled" GPS data is Inaccurate. Submit accurate "as drilled" GPS data on Subsequent Report of Abandonment. GPS data must meet the requirements of Rule 215.

Attachment Check List

Att Doc Num	Name
401698125	FORM 6 INTENT SUBMITTED
401698192	WELLBORE DIAGRAM
401698199	SURFACE OWNER CONSENT
401698215	WELLBORE DIAGRAM
401701931	LOCATION PHOTO

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date
Permit	<ul style="list-style-type: none"> •Based on Aerial Imagery, the provided "as-drilled" GPS data appears in an unlikely location and is therefore being considered as inaccurate data. Requesting Accurate data be submitted on Subsequent Report of Abandonment. •Permitting Review Complete. 	07/13/2018
Permit	Returned to Draft: <ul style="list-style-type: none"> •Current Site Photos are missing the date taken. •Zones Tab: Perf interval top and bottom are mixed up. •Missing "as drilled" GPS data. 	07/11/2018

Total: 2 comment(s)