

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:
401062975

Date Received:
06/14/2016

OGCC Operator Number: 10110 Contact Name: Ty Woodworth

Name of Operator: GREAT WESTERN OPERATING COMPANY LLC Phone: (970) 274-9254

Address: 1801 BROADWAY #500 Fax: _____

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

For "Intent" 24 hour notice required, Name: Gomez, Jason Tel: (970) 573-1277

COGCC contact: Email: jason.gomez@state.co.us

API Number 05-123-05553-00

Well Name: FRANCIS STECKEL Well Number: 1

Location: QtrQtr: SWSW Section: 14 Township: 8N Range: 66W Meridian: 6

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

Field Name: PIERCE Field Number: 69000

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.655921 Longitude: -104.751463

GPS Data:
Date of Measurement: 05/30/2016 PDOP Reading: 6.0 GPS Instrument Operator's Name: PLG

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other Offset HZ well development

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	10+3/4	9+5/8	40	411	375	411	0	
OPEN HOLE	7+7/8			9,360				

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 150 sks cmt from 6750 ft. to 7260 ft. Plug Type: OPEN HOLE 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 450 sacks half in. half out surface casing from 0 ft. to 1410 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. of _____ inch casing Plugging Date: _____
*Wireline Contractor: _____ *Cementing Contractor: _____
Type of Cement and Additives Used: _____
Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

This well needs re-abandoned for a horizontal offset frac. The new HZ well is the T&M DE 22-039HC (05-123-43241).
The Francis Steckel #1 was drilled as a dry hole (no production casing ran) to 9360 ft and abandoned on 9-20-1957 w/ a 50 sx plug from 9129-9291 and another 50 sx plug from 7813-7975. 100 sx was placed across the 9-5/8" shoe (411') from 273-654' and 25 sx was placed at surface in the 9-5/8". Top of Nio is 7158'.
Proposed Re-Entry Procedure:
Dig up and weld on wellhead and install 5K BOPs. Move in rig up service unit.
Drill out existing cement at surface and across show. RIH to 7260' circulating.
Pump 150 sx balanced plug from 6750 - 7260 ft w/ 1.15 ft3/ft Class G to cover top of Nio. WOC. Tag.
POOH to 1410 ft. Pump 450 sx to surface w/ 1.15 ft3/ft Class G. WOC. Tag.
Cut and cap.
There is no flowline to abandon.

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

Signed: _____ Print Name: Ty Woodworth
Title: Prod Eng Lead Date: 6/14/2016 Email: twoodworth@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: HICKEY, MIKE

Date: 6/17/2016

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 12/16/2016

COA Type

Description

	1)Submit Form 42 electronically to COGCC 48 hours prior to MIRU. 2)Properly abandon flowlines. Once flowlines are properly abandoned, file electronic form 42. 3) For 6750' plug; place this plug at 6750' only if that depth can be reached without drilling new hole. Contact COGCC engineer if change to plugging procedure is required. Leave at least 100' of cement in the wellbore for each plug. 4)For 1410' plug: pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours and tag plug –top of plug must be not deeper than 361' and provide minimum 10 sx plug at the surface. Leave at least 100' of cement in the wellbore for each plug.
--	---

Attachment Check List

Att Doc Num

Name

401062975	FORM 6 INTENT SUBMITTED
401063012	WELLBORE DIAGRAM
401063013	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

Public Room	Doc review passed task 6/17/16	6/17/2016 10:04:06 AM
Permit	Per operator added GPS data. Permitting Review Complete.	6/15/2016 8:42:59 AM
Permit	Well Completion Report dated 09/27/1957. Well was DA'd 09/19/1957.	6/15/2016 8:41:42 AM
Permit	Operator must provide well location GPS coordinates on Subsequent Report of Abandonment in accordance with COGCC As-Built Location Policy and Rule 215.	6/15/2016 8:39:43 AM

Total: 4 comment(s)