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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: 10110 Contact Name: Kapri McMillan
 Name of Operator: GREAT WESTERN OPERATING COMPANY LLC Phone: (970) 364-2826
 Address: 1001 17TH STREET #2000 Fax: _____
 City: DENVER State: CO Zip: 80202 Email: kmcmillan@gwp.com

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

Type of Well Abandonment Report: Notice of Intent to Abandon Subsequent Report of Abandonment

API Number 05-123-24315-00
 Well Name: GREAT WESTERN Well Number: 27-24
 Location: QtrQtr: SWSW Section: 27 Township: 6N Range: 67W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WATTENBERG Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.453510 Longitude: -104.887820
 GPS Data: GPS Quality Value: 2.1 Type of GPS Quality Value: _____ Date of Measurement: 09/24/2007
 GPS Instrument Operator's Name: TJ DEGUERO, TST,
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 2500
 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	7304	7324			
NIOBRARA	7028	7198			
Total: 2 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	444	380	444	0	CALC
1ST	7+7/8	4+1/2	11.6	7,467	160	7,467	6,444	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6980 with 25 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 10 sks cmt from 4200 ft. to 4070 ft. Plug Type: CASING Plug Tagged:
 Set 45 sks cmt from 2550 ft. to 2300 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:

Perforate and squeeze at 4300 ft. with 50 sacks. Leave at least 100 ft. in casing 4200 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 375 sacks half in. half out surface casing from 1200 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

Technical Detail/Comments:

Procedure:

- 1 Contact COGCC
- 2 MIRU
- 3 Blow down and kill well
- 4 NDWH/NUBOP
- 5 Roll hole clean
- 6 Set CIBP @ 6980'
- 7 Pump 25 sx Thermal 35 on top of plug @ 6980'
- 8 TOOH w/ tubing, stand back
- 9 RIH w/ WL and shoot holes at 4300' and 4100'
- 10 RIH and set CICR @ 4200'
- 11 Squeeze 50 sx thru CICR, leave additional 10 sx on top Class G
- 12 Roll hole clean
- 13 Release flowback if no longer needed
- 14 Cut & pull casing @ 2500'
- 15 Pump stub plug from 2550' w/ 45 sx AGM (1.86ft3/sx) (est TOC @ 2300')
- 16 WOC 4 hours, tag plug, check for migration
- 17 PU to 1200' and pump 375 sx Class G to surface
- 18 WOC 4 hours
- 19 RIH tag, top off w/ cement as needed
- 20 RDMO
- 21 Cut & cap casing 4' - 6' below GL w/ plate (Well Name, API, Legal Location)

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

Signed: _____ Print Name: Renee Kendrick
 Title: SR Regulatory Analyst Date: _____ Email: rkendrick@gwp.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: _____ Expiration Date: _____

COA Type	Description

Attachment Check List

Att Doc Num	Name
402402887	WELLBORE DIAGRAM
402402897	WELLBORE DIAGRAM
402403580	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Permit	•Returned to draft at Operator's request.	05/20/2020

Total: 1 comment(s)