

FORM

6

Rev
05/18

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

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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: 10110

Contact Name: Renee Kendrick

Name of Operator: GREAT WESTERN OPERATING COMPANY LLC

Phone: (720) 595-2114

Address: 1001 17TH STREET #2000

Fax:

City: DENVER State: CO Zip: 80202

Email: rkendrick@gwogco.com

For "Intent" 24 hour notice required,

Name: Silver, Randy

Tel: (720) 827-6688

COGCC contact:

Email: randy.silver@state.co.us

API Number 05-001-08987-00

Well Name: GREEN

Well Number: 32-14 (1)

Location: QtrQtr: SWNE Section: 14 Township: 1S Range: 68W Meridian: 6

County: ADAMS

Federal, Indian or State Lease Number: 4645

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: 39.966425

Longitude: -104.966769

GPS Data:

Date of Measurement: 07/30/2009

PDOP Reading: 3.3

GPS Instrument Operator's Name: Cody Mattson

Reason for Abandonment: ☐ Dry☒ Production Sub-economic☐ Mechanical Problems☐ OtherCasing 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	7991	8001			
FORT HAYS	7972	7972			
J SAND	8412	8451			
NIOBRARA	7573	7744			

Total: 4 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	1,122	700	1,122	0	
1ST	7+7/8	4+1/2	11.6	8,710	565	8,710	6,810	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8360 with 4 sacks cmt on top. CIPB #2: Depth 7520 with 4 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 65 sks cmt from 5150 ft. to 4500 ft. Plug Type: CASING Plug Tagged: ☐
Set 50 sks cmt from 2550 ft. to 2350 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 _____ 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 540 sacks half in. half out surface casing from 1250 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. of _____ inch casing Cut and Cap Date: _____

*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:

The port collar was originally reported @ 5050', unsure of TOC. We will verify with a CBL.

Procedure:

- 1 MIRU WL to recover plunger and bumper spring
- 2 Run Gyro from 8300' to surface. RDMO WL
- 3 Contact COGCC 24 hr before MIRU
- 4 Perform Bradenhead test
- 5 MIRU
- 6 Blow down and kill well
- 7 NDWH/NUBOP
- 8 Roll hole clean
- 9 POOH w/ tbg
- 10 RIH w/ WL GR to 8415'
- 11 WL Set CIBP at ~8360' avoiding collars
- 12 Dump 4 sx on top of CIBP
- 13 WL Set CIBP at ~7520' avoiding collars
- 14 Run CBL from 7500' to surface. CBL must be provided to COGCC
- 15 Dump 4 sx on top of CIBP
- 16 PU tubing to 5150'
- 17 Pump 65 sx from 5150' to 4500', Class G
- 18 Cut & pull casing @ 2500'
- 19 Pump 50 sx G Sealer at 2550' (est TOC 2350')
- 20 WOC overnight. Tag plug and flow test well, if continuing to get flow contact engineer
- 21 PU to 1250'
- 22 Pump 540 sx to surface, Class G
- 23 WOC 4 hrs
- 24 RIH tag, top off w/ cement as needed to surface
- 25 RDMO
- 26 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: Senior Regulatory Analyst Date: _____ Email: rkendrick@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: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: _____

COA Type **Description**

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Attachment Check List

Att Doc Num **Name**

402183133	WELLBORE DIAGRAM
402183135	WELLBORE DIAGRAM
402211796	WELLBORE DIAGRAM
402211798	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

User Group **Comment** **Comment Date**

Permit	Returned to Draft: •Missing Fort Hays formation on Zones Tab. Doc#341260 and Doc#341254 indicate the Fort Hays was completed.	10/15/2019
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Total: 1 comment(s)