

FORM

6

Rev
11/20

State of Colorado Oil and Gas Conservation Commission

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



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Replug By Other Operator

Document Number:

402621212

Date Received:

03/08/2021

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: Silver, Randy

Tel: (720) 827-6688

COGCC contact:

Email: randy.silver@state.co.us

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

API Number 05-001-06988-00

Well Name: GUTSHALL

Well Number: 1

Location: QtrQtr: NENW Section: 31 Township: 1S Range: 66W Meridian: 6

County: ADAMS

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.926108

Longitude: -104.821916

GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement: 02/03/2021

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Re-Abandoning for the Prairie PadCasing to be pulled: ☐ Yes ☒ No Estimated Depth:Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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
D SAND	8194	8198	06/01/1976	SAND PLUG/CEMENT	8128
J SAND	8255	8278	06/01/1976	SAND PLUG/CEMENT	8128

Total: 2 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/2	8+5/8	NA	24	0	240	200	240	0	
1ST	7+7/8	4+1/2	NA	10.5	0	8325	300	8325	7294	CALC

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 200 sks cmt from 2500 ft. to 1820 ft. Plug Type: OPEN HOLE Plug Tagged: ☐
Set 200 sks cmt from 1820 ft. to 1140 ft. Plug Type: OPEN HOLE Plug Tagged: ☐
Set 200 sks cmt from 1140 ft. to 460 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: ☐

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 140 sacks half in. half out surface casing from 460 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

Surface Plug Setting Date: _____ Cut and Cap Date: _____ Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____

*Wireline Contractor: _____

*Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

Contact COGCC
Locate and attach wellhead
MIRU
NUBOP
PU RIH w/ bladed junk mill and workstring
Mill out cement at surface, ~208'-274', ~430'-600', and ~1080'-1250'
TOOH w/ mill & LD
RIH and wash down to ~2500' without rotating
Pump 200 sx Class G + 2%CaCl₂ from 2500' to ETOC 1820'
WOC 4 hours, tag plug
Pump 200 sx Class G + 2%CaCl₂ from 1820' to ETOC 1140'
WOC 4 hours, tag plug
Pump 200 sx Class G + 2%CaCl₂ from 1140' to ETOC 460'
WOC 4 hours, tag plug
Verify any & all fluid migration has been stopped
Pump 140 sx Class G + 2%CaCl₂ from 460' to surface
WOC 4 hours
Tag plug and top off as needed
RDMO
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

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: 3/30/2021

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 9/29/2021

COA Type**Description**

	1) Provide 2 business day notice of plugging MIRU via electronic Form 42. 2) After placing the shallowest hydrocarbon isolating plug (2500'), operator must wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC engineering before continuing operations. 3) Prior to placing the 1820' plug: verify that all fluid migration (liquid and gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders. 4) 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 1161' or shallower. 5) The 1140' plug: must be at 535' or shallower. 6) The 460' plug: must be at 190' or shallower, and if not circulated, pump 10 sacks at the surface. 7) Leave at least 100' of cement in the wellbore for each plug. 8) With the Form 6 SRA operator must provide written documentation, which positively affirms each COA has been addressed.
	Operator will implement measures to control venting to protect health and safety and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.

Attachment List**Att Doc Num****Name**

402621212	WELL ABANDONMENT REPORT (INTENT)
402621229	SURFACE OWNER CONSENT
402621231	LOCATION PHOTO
402621235	WELLBORE DIAGRAM
402621238	WELLBORE DIAGRAM
402643085	FORM 6 INTENT SUBMITTED

Total Attach: 6 Files

General Comments**User Group****Comment****Comment Date**

Engineer	Well file verification not completed prior to approval of NOIA.	03/30/2021
Engineer	Deepest Water Well within 1 Mile – 1203' SB5 Base of Fox Hills - 1211' Upper Arapahoe 4784 4982 58.8 287 89 15.99 NNT Lower Arapahoe 4486 4709 113.3 585 362 30.82 NT Laramie-Fox Hills 3860 4065 150.1 1211 1006 36.02 NT	03/30/2021
Permit	-Confirmed as-drilled well location. -Confirmed productive intervals docnum: 312465. -Production reporting OK. -Reviewed attachments. -No other forms in process. -Pass.	03/09/2021

Total: 3 comment(s)