

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:

402621266

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 05-001-09074-00

Well Name: SABLE FARMS

Well Number: 22-31

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

County: ADAMS

Federal, Indian or State Lease Number:

Field Name: WILDCAT

Field Number: 99999

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.924330

Longitude: -104.821996

GPS Data: GPS Quality Value: 2.1 Type of GPS Quality Value: PDOP Date of Measurement: 02/04/2021

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Off set mitigation 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

Total: 0 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+1/4	8+5/8	NA	24	0	1342	575	1342	0	VISU
OPEN HOLE	7+7/8				1342	8595				

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:	<input checked="" type="checkbox"/>
Set	200	sks cmt from	1820	ft. to	1149	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input checked="" type="checkbox"/>
Set	200	sks cmt from	1149	ft. to	509	ft.	Plug Type:	CASING	Plug Tagged:	<input checked="" type="checkbox"/>
Set	160	sks cmt from	509	ft. to	0	ft.	Plug Type:	CASING	Plug Tagged:	<input checked="" type="checkbox"/>
Set	_____	sks cmt from	_____	ft. to	_____	ft.	Plug Type:	_____	Plug Tagged:	<input type="checkbox"/>

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. 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:

Procedure:

- 1 Contact COGCC
- 2 Locate and attach wellhead
- 3 MIRU
- 4 NUBOP
- 5 PU RIH w/ bladed junk mill and workstring
- 6 Mill out cement at surface and ~1320'-1370'
- 7 TOOH w/ mill & LD
- 8 RIH and wash down to ~2500' without rotating
- 9 Pump 200 sx Class G + 2%CaCl₂ from 2500' to ETOC 1820'
- 10 WOC 4 hours, tag plug
- 11 Pump 200 sx Class G + 2%CaCl₂ from 1820' to ETOC 1149'
- 12 WOC 4 hours, tag plug
- 13 Pump 200 sx Class G + 2%CaCl₂ from 1149' to ETOC 509'
- 14 WOC 4 hours, tag plug
- 15 Verify any & all fluid migration has been stopped
- 16 Pump 160 sx Class G + 2%CaCl₂ from 509' to surface
- 17 WOC 4 hours
- 18 Tag plug and top off as needed
- 19 RDMO
- 20 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: 3/8/2021 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: Jacobson, Eric Date: 3/29/2021

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 9/28/2021

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 1263' or shallower. 5) The 1149' plug: must be at 534' or shallower. 6) Leave at least 100' of cement in the wellbore for each plug. 7) 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
402621266	WELL ABANDONMENT REPORT (INTENT)
402621278	SURFACE OWNER CONSENT
402621281	LOCATION PHOTO
402621282	WELLBORE DIAGRAM
402621284	WELLBORE DIAGRAM
402642900	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.	03/29/2021
Engineer	Deepest Water Well within 1 Mile – 1321 SB5 Base of Fox Hills - 1213 Upper Arapahoe 4783 4986 62.7 287 84 17.05 NNT Lower Arapahoe 4486 4708 115.1 584 362 31.31 NT Laramie-Fox Hills 3857 4061 151.1 1213 1009 36.26 NT	03/29/2021
Permit	-Confirmed as-drilled well location. -No other forms in process. -Production reporting OK. -Reviewed attachments. -Pass.	03/09/2021

Total: 3 comment(s)