

FORM
6
Rev
11/20

State of Colorado

Energy & Carbon Management Commission

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

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OE

ES

Document Number:

403640810

Date Received:

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.

ECMC Operator Number: 95620

Contact Name: Steve James

Name of Operator: WESTERN OPERATING COMPANY

Phone: (303) 726-8650

Address: 1165 DELAWARE STREET #200

Fax:

City: DENVER State: CO Zip: 80204

Email: steve@westernoperating.com

For "Intent" 24 hour notice required, Name: Tel:

ECMC contact: Email:

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

API Number 05-061-06010-00

Well Name: FOSTER Well Number: 1

Location: QtrQtr: NENW Section: 15 Township: 19S Range: 45W Meridian: 6

County: KIOWA Federal, Indian or State Lease Number:

Field Name: BRANDON Field Number: 7500

Only Complete the Following Background Information for Intent to Abandon

Latitude: 38.409810 Longitude: -102.447940

GPS Data: GPS Quality Value: 2.3 Type of GPS Quality Value: Date of Measurement: 10/30/2006

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems

☐ Other

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
OSAGE	4858	4866	12/12/2023	B PLUG CEMENT TOP	4528
SPERGEN	4704	4739	12/12/2023	B PLUG CEMENT TOP	4528
ST LOUIS	4628	4699	12/12/2023	B PLUG CEMENT TOP	4528
WARSAW	4783	4826	12/12/2023	B PLUG CEMENT TOP	4528

Total: 4 zone(s)

Casing History

Date Run: 3/31/2024 Doc [#403640810] Well Name: FOSTER 1

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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	194	175	194	0	VISU
1ST	7+7/8	5+1/2	NA	15.5	0	4889	100	4889	4260	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4528 with 4 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 6 sks cmt from 3870 ft. to 3818 ft.

Plug Type: OPEN HOLE

Plug Tagged: ☐

Set 6 sks cmt from 3150 ft. to 3098 ft.

Plug Type: OPEN HOLE

Plug Tagged: ☐

Set 6 sks cmt from 1500 ft. to 1448 ft.

Plug Type: OPEN HOLE

Plug Tagged: ☐

Set 6 sks cmt from 700 ft. to 648 ft.

Plug Type: OPEN HOLE

Plug Tagged: ☐

Set 34 sks cmt from 294 ft. to 0 ft.

Plug Type: OPEN HOLE

Plug Tagged: ☐

Perforate and squeeze at 3925 ft. with 35 sacks. Leave at least 100 ft. in casing 3870 CICR Depth

Perforate and squeeze at 3200 ft. with 35 sacks. Leave at least 100 ft. in casing 3150 CICR Depth

Perforate and squeeze at 1550 ft. with 80 sacks. Leave at least 100 ft. in casing 1500 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

Number of Days from Setting Surface Plug to Capping or Sealing the Well: 41

Surface Plug Setting Date: 12/13/2023 Cut and Cap Date: 01/23/2024

*Wireline Contractor: Peak Wireline Services

*Cementing Contractor: Quasar Energy Services

Type of Cement and Additives Used: 15.65 PPG Density Class A

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

Technical Detail/Comments:

Casing was also perforated at 750' with a CICR set at 700'. 35 sacks of cement were squeezed through the retainer/perfs and 6 sacks were placed on top of the CICR.

47 sacks were squeezed through the perfs at 294' into the annulus to surface.

Braidenhead pressure 0 psi prior to P&A operations

Cement pumped to surface from shallow most perfs

Flowline has been registered per Document Number 402180333. Flowline removal/abandon in place negotiations are on-going so a Form 44 has not yet been submitted for flowline removal/AIP

Cut and cap and flowline soil sampling results will be addressed via supplemental Form 27, per initial Form 27 Document Number 403622204

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

Signed: _____

Print Name: Ben Baugh

Title: Senior Geologist

Date: _____

Email: bbaugh@entradainc.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

ECMC Approved: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____

<u>COA Type</u>	<u>Description</u>
0 COA	

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403640815	WELLBORE DIAGRAM
403736852	OPERATIONS SUMMARY

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)