

Replug By Other Operator

Document Number:  
404470344

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.

ECMC Operator Number: <u>10819</u>	Contact Name: <u>Dana Hanneman</u>
Name of Operator: <u>PRAIRIE OPERATING CO LLC</u>	Phone: <u>(832) 744-1484</u>
Address: <u>44 COOK STREET, SUITE 1000</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80206</u>	Email: <u>danna.hanneman@prairieopcoc.com</u>
<b>For "Intent" 24 hour notice required,</b> Name: <u>Carlile, Craig</u> Tel: <u>(970) 629-8279</u> ECMC contact: Email: <u>craig.carlile@state.co.us</u>	

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

API Number	<u>05-123-10519-00</u>		
Well Name:	<u>SCHNEIDER</u>	Well Number:	<u>1-6</u>
Location:	QtrQtr: <u>SENW</u> Section: <u>6</u> Township: <u>7N</u> Range: <u>67W</u> Meridian: <u>6</u>		
County:	<u>WELD</u>	Federal, Indian or State Lease Number:	_____
Field Name:	<u>WILDCAT</u>	Field Number:	<u>99999</u>

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.603691                      Longitude: -104.936699

GPS Data:    GPS Quality Value: \_\_\_\_\_    Type of GPS Quality Value: \_\_\_\_\_    Date of Measurement: \_\_\_\_\_

Reason for Abandonment:     Dry     Production Sub-economic     Mechanical Problems

Other Re-abandon for offset mitigation COA for Schneider wells just to the

Casing to be pulled:     Yes     No                      Estimated Depth: 8825

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
CARLILE	6914				
CODELL	6891				
FORT HAYS	6870				
GREENHORN	6968				
NIOBRARA	6577				
SHARON SPRINGS	6536				
SHANNON	4220				
SUSSEX	3048				
Total: 8 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	J-55	24	0	404	375	375	0	VISU
OPEN HOLE	7+7/8				404	8825				

### 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 65 sks cmt from 6325 ft. to 6525 ft. Plug Type: OPEN HOLE Plug Tagged:   
 Set 65 sks cmt from 4000 ft. to 4200 ft. Plug Type: OPEN HOLE Plug Tagged:   
 Set 283 sks cmt from 354 ft. to 1280 ft. Plug Type: OPEN HOLE Plug Tagged:   
 Set 138 sks cmt from 0 ft. to 354 ft. Plug Type: CASING 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  
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 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:

The surface casing grade was not required in 1982. J-55 was used in this form as that is the most common grade of surface casing in northeast Colorado.

The well was spud 1/23/1982 and P&A'd 2/20/1982 with 3 cement plugs: 1) 50 sx 4200-4250', open hole cmt plug; 2) 30 sx 373-473 1/2 in 1/2 out surface casing; 3) 10 sx 10-20' below plow depth. Heavy mud was placed between the plugs.

Procedure to re-abandon this well:

1. Drill out the 3 current cement plugs
2. Wash to top of the Niobrara formation, ~6577'
3. Pump 65 sx, 200' cmt plug, above the Niobrara, 6325-6525'
4. Pump 65 sx, 200' cmt plug, above the Shannon, courtesy plug, 4000-4200'
5. Pump 283 sx, 926' cmt plug, covering the Upper Pierre formation and 50' above csg shoe. Includes 10% excess due to open hole.
6. Pump 138 sx, 354' cmt plug from 50' above surface casing shoe to fill the casing. This plug ties to the cmt plug covering the Upper Pierre.

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

Signed: \_\_\_\_\_ Print Name: DeAnna Baird

Title: Regulatory Analyst Date: \_\_\_\_\_ Email: deanna.baird@prairieopco.com

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

ECMC Approved: \_\_\_\_\_ Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY LIST** Expiration Date: \_\_\_\_\_

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

**ATTACHMENT LIST**

<u>Att Doc Num</u>	<u>Name</u>
404470478	WELLBORE DIAGRAM
404471367	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

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

Total: 0 comment(s)