



<div>FORM 6</div> <div>Rev 11/20</div>	<div>State of Colorado</div> <div>Energy & Carbon Management Commission</div> <div>1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109</div>		<div></div>		<table><tr><td>DE</td><td>ET</td><td>OE</td><td>ES</td></tr></table>				DE	ET	OE	ES																										
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<div>WELL ABANDONMENT REPORT</div> <div>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.</div>				<div>Document Number: 403874724</div> <div>Date Received: 08/01/2024</div>																																		
<div>ECMC Operator Number: 10487</div> <div>Name of Operator: SPRINGDALE PARTNERS LLC</div> <div>Address: 3409 MONTECLAIRE DR</div> <div>City: SHERMAN State: TX Zip: 75092</div> <div>Contact Name: Deborah Abrams</div> <div>Phone: (303) 8942100</div> <div>Fax:</div> <div>Email: deborah.abrams@state.co.us</div>																																						
<div>For "Intent" 24 hour notice required, Name: Schure, Kym Tel: (970) 520-3832</div> <div>ECMC contact: Email: kym.schure@state.co.us</div>																																						
<div>Type of Well Abandonment Report: <input checked="" type="checkbox"/> Notice of Intent to Abandon <input type="checkbox"/> Subsequent Report of Abandonment</div>																																						
<div>API Number 05-075-09256-00</div> <div>Well Name: SPRINGDALE Well Number: 9 (OWP)</div> <div>Location: QtrQtr: SENW Section: 16 Township: 8N Range: 53W Meridian: 6</div> <div>County: LOGAN Federal, Indian or State Lease Number: OG 63/59</div> <div>Field Name: SPRINGDALE Field Number: 78300</div>																																						
<div>Only Complete the Following Background Information for Intent to Abandon</div> <div>Latitude: 40.662230 Longitude: -103.308520</div> <div>GPS Data: GPS Quality Value: 2.1 Type of GPS Quality Value: Date of Measurement: 12/18/2013</div> <div>Reason for Abandonment: <input type="checkbox"/> Dry <input type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems</div> <div><input checked="" type="checkbox"/> Other OWP</div> <div>Casing to be pulled: <input type="checkbox"/> Yes <input type="checkbox"/> No Estimated Depth:</div> <div>Fish in Hole: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, explain details below</div> <div>Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, explain details below</div> <div>Details:</div>																																						
<div>Current and Previously Abandoned Zones</div> <table><thead><tr><th>Formation</th><th>Perf. Top</th><th>Perf. Btm</th><th>Abandoned Date</th><th>Method of Isolation</th><th>Plug Depth</th></tr></thead><tbody><tr><td>D SAND</td><td>4787</td><td>4802</td><td>06/06/1994</td><td>SQUEEZED</td><td></td></tr><tr><td>J SAND</td><td>4898</td><td>4914</td><td></td><td></td><td></td></tr></tbody></table> <div>Total: 2 zone(s)</div>						Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth	D SAND	4787	4802	06/06/1994	SQUEEZED		J SAND	4898	4914																		
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Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4823 with 3 sacks cmt on top. CIBP #2: Depth 4712 with 3 sacks cmt on top.
CIBP #3: Depth 3872 with 3 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 _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐
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Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 1400 ft. with 40 sacks. Leave at least 100 ft. in casing 1310 CICR Depth

Perforate and squeeze at 770 ft. with 110 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 25 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:

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

Signed: _____ Print Name: Deborah Abrams

Title: OWP Date: 8/1/2024 Email: deborah.abrams@state.co.us

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: Wolfe, Stephen Date: 8/6/2024

CONDITIONS OF APPROVAL, IF ANY LIST

Expiration Date: 2/5/2025

COA Type	Description
	<p>Bradenhead Testing</p> <p>Prior to starting plugging operations a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations.</p> <p>1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.</p> <p>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.</p> <p>The Form 17 shall be submitted within 10 days of the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the ECMC within three (3) months of collecting the samples.</p> <p>If there is a need for sampling, contact ECMC engineering for verification of plugging procedure.</p>
	<p>Operator shall 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.</p>
	<p>Consistent with Rule 911.a, a Form 27 must be approved prior to cut and cap, conducting flowline abandonment, or removing production equipment. Allow 30 days for Director review of the Form 27; include the Form 27 document number on the Form 44 for offsite flowline abandonment (if applicable) and on the Form 6 Subsequent.</p>
	<p>Properly abandon flowlines per Rule 1105. If flowlines will be abandoned in place, include with the Form 27: pressure test results conducted in the prior 12 months as well as identification of any document numbers for a ECMC Spill/Release Report, Form 19, associated with the abandoned line.</p>

	<p>Plugging</p> <p>1) Provide electronic Form 42 Notice of MIRU 2 business days ahead of operations and electronic Form 42 Notice of Plugging Operations 48 hours prior to mobilizing for plugging operations.</p> <p>2) Plugs and squeezes will be placed as stated in the Plugging Procedure section of the approved NOIA unless revised by COA or prior approval from ECMC is obtained.</p> <p>3) The wellbore must be static prior to placing cement plugs which are to be a minimum of 100' in length for all but surface plugs. Mechanical isolation requires a 25' cement plug, minimum. For plugs not specified to be tagged, a tag is required if circulation is not maintained while pumping plug and displacing to depth. Wait on cement(WOC) a minimum of 4 hrs before tagging a plug. Tag at tops specified. Notify ECMC Area Engineer of a high(shallow) tag or before adding cement to a previous plug due to a low (deep) cement top.</p> <p>4) Place a 50' plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. Surface plugs shall be circulated to surface. Confirm cement to surface and complete isolation in all strings during cut and cap. After cut and prior to cap, verify isolation by either a 15 minute bubble test or 15 minute optical gas imaging observation. If there is any indication of flow contact ECMC Engineering before proceeding. Provide a statement on the 6 SRA as to which method was used and what was observed. Retain records of final isolation test for 5 years.</p> <p>5) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.</p> <p>6) Operator must wait a sufficient time on all plugs to achieve the intended design. If at any time during the plugging there is evidence of previously unreported pressure or fluid migration, contact ECMC Area Engineer before continuing operations.</p> <p>7) Plugging procedure has been modified as follows, depths are assumed to be RKB, Plug #1 - 4823', CIBP with 3 sx of cement on top, Plug #2 - 4712', CIBP with 3 sx of cement on top, Run CBL to confirm TOC, assumed to be 3710', Plug #3 - 3872', CIBP with 3 sx of cement on top, adjust depth or squeeze based on results of the CBL, Plug #4 - 1400', perf and squeeze 40 sx of cement through a CICR set at 1310', spot 10 sx of cement on top of the CICR, Plug #5 - 770', perf and squeeze 110 sx of cement, displace to 557' , WOC and tag at 607', NOTE: change to depth and volume, Plug #6 - 100', perf and circulate 25 sx of cement to the surface,</p> <p>8) Submit any logs run during the plugging with the Form 6 SRA.</p>
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5 COAs

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
403874724	FORM 6 INTENT SUBMITTED
403874730	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Groundwater-High Plains, Upper Pierre Deepest water well- 540'(1mi, 15 records) Log- 1/31/1993 GR=4165' UP base 720'	08/06/2024
Permit	Confirmed as-drilled well location. Production reporting up-to-date. No other forms in process. Confirmed productive interval docnum: 210755. Reviewed WBDs. Pass.	08/05/2024
OGLA	Location Assessment Specialist (LAS) review complete. Well is not in a HPH, not near surface waters or wetlands, and no nearby RBUs. Task passed.	08/02/2024

Total: 3 comment(s)