


FORM 6 Rev 11/20	State of Colorado Energy & Carbon Management Commission				<table><tr><td>DE</td><td>ET</td><td>OE</td><td>ES</td></tr></table>				DE	ET	OE	ES																													
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1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109				Document Number:  403874733  Date Received:  08/01/2024																																					
WELL ABANDONMENT REPORT																																									
<p>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.</p>																																									
ECMC Operator Number: 10487					Contact Name: Deborah Abrams																																				
Name of Operator: SPRINGDALE PARTNERS LLC					Phone: (303) 8942100																																				
Address: 3409 MONTECLAIRE DR					Fax:																																				
City: SHERMAN State: TX Zip: 75092					Email: deborah.abrams@state.co.us																																				
For "Intent" 24 hour notice required, Name: Schure, Kym Tel: (970) 520-3832																																									
ECMC contact: Email: kym.schure@state.co.us																																									
Type of Well Abandonment Report: <input checked="" type="checkbox"/> Notice of Intent to Abandon <input type="checkbox"/> Subsequent Report of Abandonment																																									
API Number 05-075-09269-00																																									
Well Name: SPRINGDALE UNIT BANEY					Well Number: 16-15 (OWP)																																				
Location: QtrQtr: SWSE Section: 16 Township: 8N Range: 53W Meridian: 6																																									
County: LOGAN Federal, Indian or State Lease Number: 63/59																																									
Field Name: SPRINGDALE Field Number: 78300																																									
Only Complete the Following Background Information for Intent to Abandon																																									
Latitude: 40.654760 Longitude: -103.303700																																									
GPS Data: GPS Quality Value: 2.2 Type of GPS Quality Value: Date of Measurement: 12/18/2013																																									
Reason for Abandonment: <input type="checkbox"/> Dry <input type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems																																									
<input checked="" type="checkbox"/> Other OWP																																									
Casing to be pulled: <input type="checkbox"/> Yes <input type="checkbox"/> No Estimated Depth:																																									
Fish in Hole: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, explain details below																																									
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, explain details below																																									
Details: Tubing conveyed perf guns from the original completion in the rathole beneath a CIBP.																																									
Current and Previously Abandoned Zones																																									
<table><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><tr><td>D SAND</td><td>4766</td><td>4770</td><td>09/17/2004</td><td>SQUEEZED</td><td></td></tr><tr><td>J SAND</td><td>4861</td><td>4878</td><td></td><td></td><td></td></tr></table>									Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth	D SAND	4766	4770	09/17/2004	SQUEEZED		J SAND	4861	4878																		
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Total: 2 zone(s)																																									
Casing History																																									
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## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4880 with        sacks cmt on top. CIBP #2: Depth 4691 with 3 sacks cmt on top.  
CIBP #3: Depth 3921 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 3 sks cmt from 4880 ft. to 4855 ft. Plug Type: CASING Plug Tagged: ☐  
Set 10 sks cmt from 1350 ft. to 1250 ft. Plug Type: CASING Plug Tagged: ☐  
Set        sks cmt from        ft. to        ft. Plug Type:        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 1440 ft. with 40 sacks. Leave at least 100 ft. in casing 1350 CICR Depth

Perforate and squeeze at 100 ft. with 35 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 60 sacks half in. half out surface casing from 770 ft. to 615 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:

CIBP @ 4880' (per doc #1131460). Verify top of CIBP before dumping 3 sks of cement on top.  
Top of Fish @ 4893'

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: 8/7/2024

### CONDITIONS OF APPROVAL, IF ANY LIST

Expiration Date: 2/6/2025

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, Previous plug set at 4880' to remain Plug #1 - 4880', CIBP, tag and dump 3 sx of cement on top, Plug #2 - 4691', CIBP with 3 sx of cement on top, Plug #3 - 3921', CIBP with 3 sx of cement on top, Plug #4 - 1440', perf and squeeze 40 sx of cement through a CICR set at 1350', spot 10 sx of cement on top of the CICR, Plug #5 - 770', perf and squeeze 60 sx of cement, displace to 565' , WOC and tag at 615', NOTE: change to depth and volume, Plug #6 - 100', perf and circulate 35 sx of cement to the surface,</p> <p>8) Submit any logs run during the plugging with the Form 6 SRA.</p> <p>9) No current Form 17 on file with ECMC. Contact ECMC area engineer with results of pre-plugging bradenhead test for confirmation of plugging procedure prior to commencing plugging operations.</p>
	<p>Operator will implement measures to capture, combust, or control emissions 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 health, welfare and the environment. Due to the proximity of residential building units (RBUs) all blowdown gasses will be controlled.</p> <p>Due to proximity of plugging and abandonment (P&amp;A) operations to BUs, operator will comply with Table 423 Maximum Permissible Noise Levels for residential land use. Prior to initiating work, operator will install temporary sound walls, straw bales, or other BMPs to dampen noise if necessary for compliance.</p> <p>Due to close proximity to Residential Building Units (RBUs), prior to commencing operations, at a minimum, the operator will provide an informational sheet to the owners/occupants of the RBUs nearby and adjacent to the parcel with the well. The sheet will include the operator's contact information and the nature, timing, and expected duration of the P&amp;A operations.</p>
6 COAs	

**ATTACHMENT LIST****Att Doc Num****Name**

403874733	FORM 6 INTENT SUBMITTED
403874766	WELLBORE DIAGRAM

Total Attach: 2 Files

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

Engineer	Groundwater-High Plains, Upper Pierre Deepest water well- 540'(1mi, 15 records) Log- 075-09254 1/31/1993 GR=4165' UP base 720'	08/07/2024
Permit	Confirmed as-drilled well location. Production reporting up-to-date. No other forms in process. Confirmed productive interval docnum: 1268418. Reviewed WBD. Pass.	08/05/2024
OGLA	Location Assessment Specialist (LAS) review complete. Well is not in a HPH and not near surface waters or wetlands. Task passed.	08/02/2024

Total: 3 comment(s)