

Document Number:
403780397

Date Received:
07/15/2024

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: 10391 Contact Name: Bill Penney
 Name of Operator: STONEHAM PRODUCTION LLC Phone: (303) 5069053
 Address: 5945 ZINNIA COURT Fax: _____
 City: ARVADA State: CO Zip: 80004 Email: sierragas@aol.com

For "Intent" 24 hour notice required, Name: Petrie, Erica Tel: (303) 726-3822
 Email: erica.petrie@state.co.us
ECMC contact: _____

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

API Number 05-123-17621-00
 Well Name: CRAIG Well Number: 3
 Location: QtrQtr: SWSW Section: 29 Township: 9N Range: 56W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: STONEHAM Field Number: 79400

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.717726 Longitude: -103.666279
 GPS Data: GPS Quality Value: 1.3 Type of GPS Quality Value: _____ Date of Measurement: 01/14/2015

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
D SAND	5750	5760			
J SAND	5824	5828	03/30/1997	BRIDGE PLUG	5810

Total: 2 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	k55	23	0	182	135	182	0	VISU
1ST	7+7/8	5+1/2	k55	15.5	0	5834	38	5834	5400	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5700 with 2 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 _____ 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:
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 4850 ft. with 35 sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at 900 ft. with 35 sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at 260 ft. with 100 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:

Operator intends to P&A the Craig 3 well. Attached are the current and proposed P&A wellbore diagrams for the wellbore.

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

Signed: _____ Print Name: Jessica Donahue

Title: Env Compliance Specialist Date: 7/15/2024 Email: jdonahue@ardorenvironmental.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: Wolfe, Stephen

Date: 7/28/2024

CONDITIONS OF APPROVAL, IF ANY LIST

Expiration Date: 1/27/2025

COA Type	Description
	<p>Bradenhead Testing 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. 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 before adding cement to previous plug due to low 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 indication of flow contact ECMC Engineering. Provide a statement on the 6 SRA 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, See COA #3 for requirements to tag, Plug #1 - 5700', CIBP with 2 sx of cement on top, Plug #2 - 4850', perf and squeeze 35 sx, leave 100' in the casing, WOC and tag at 4750', NOTE: plug above Niobrara added by ECMC, Plug #3 - 900', perf and squeeze 35 sx, leave 100' in casing, WOC and tag at 800', NOTE: change to volume, Plug #4 - 260', perf and circulate 100 sx of cement to the surface, NOTE: change to volume, Plug #5 - 50' of cement at the surface in both the casing and the annulus per COA #4.</p> <p>8) Submit any logs run during the plugging with the Form 6 SRA.</p>
	<p>Due to proximity to a mapped wetland, operator will use secondary containment for all tanks and other liquid containers. Operator will implement stormwater BMPs and erosion control measures as needed to prevent sediment and stormwater runoff from entering the wetland.</p>
	<p>Submit Operator's Monthly Production Reports (Form 7) required for compliance with Rule 413 within 30 days. Missing 10/2012, 6/2015, 3/2016, 9/2016-12/2016, 2/2023.</p>
<p>7 COAs</p>	

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
403780397	FORM 6 INTENT SUBMITTED
403853830	WELLBORE DIAGRAM
403853832	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Groundwater=Laramie-Fox Hills, Upper Pierre Deepest water well=840'(2mi, 19 records) Log=123-17621 11/26/93 Laramie-Fox Hills behind 300', UP base 1100'	07/28/2024
OGLA	Location Assessment Specialist (LAS) review complete. Well is not in a HPH and not near RBUs.	07/23/2024
Permit	Submitter corrected. Pass.	07/16/2024
Permit	Confirmed as-drilled well location. According to docnum: 241828, the Jsand was at 5824-5828. Missing Jsand on zones tab and WBD. Confirmed Dsand docnum: 1185313. Production reporting delinquent. Missing 10/2012, 6/2015, 3/2016, 9/2016-12/2016, 2/2023. RTD.	05/28/2024

Total: 4 comment(s)