

Document Number:
403122078

Date Received:
08/02/2022

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.

OGCC Operator Number: 86300 Contact Name: Richard Murray
 Name of Operator: TERRA RESOURCES INC Phone: (970) 989-3092
 Address: P O BOX 2500 Fax: _____
 City: CASPER State: WY Zip: 82601 Email: g.richard.murray@state.co.us

For "Intent" 24 hour notice required, Name: Kellerby, Shaun Tel: (970) 285-7235
 Email: shaun.kellerby@state.co.us
COGCC contact: _____

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

API Number 05-077-08345-00
 Well Name: MCDANIEL (OWP) Well Number: 1-11
 Location: QtrQtr: NWSE Section: 11 Township: 9S Range: 94W Meridian: 6
 County: MESA Federal, Indian or State Lease Number: _____
 Field Name: WILDCAT Field Number: 99999

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.289319 Longitude: -107.846604
 GPS Data: GPS Quality Value: _____ Type of GPS Quality Value: _____ Date of Measurement: _____

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other OWP Well

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
DAKOTA	12406	12610	08/25/1981	BRIDGE PLUG	8930
FRONTIER	12036	12256	08/25/1981	BRIDGE PLUG	8930
WEBER	13300	14452	08/17/1981	CEMENT	13200

Total: 3 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	17+1/4	13+3/8	K-55	54.5	0	1395	1450	1450	0	VISU
1ST	12+1/4	9+5/8	L-80	43.5, 47	0	8574	680	8574	6100	CALC
1ST LINER	9+5/8	7	L-80	NA	8270	12660	490	12660	10300	CALC
OPEN HOLE	5+7/8				12660	14452				

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 40 sks cmt from 7890 ft. to 7790 ft. Plug Type: CASING Plug Tagged:
 Set 40 sks cmt from 7518 ft. to 7415 ft. Plug Type: CASING Plug Tagged:
 Set 40 sks cmt from 7104 ft. to 7004 ft. Plug Type: CASING Plug Tagged:
 Set 40 sks cmt from 50 ft. to 0 ft. Plug Type: CASING Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 4562 ft. with 70 sacks. Leave at least 100 ft. in casing 4512 CICR Depth
 Perforate and squeeze at 1445 ft. with 80 sacks. Leave at least 100 ft. in casing 1395 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____
 Surface Plug Setting Date: _____ Cut and Cap Date: _____
 *Wireline Contractor: _____ *Cementing Contractor: _____
 Type of Cement and Additives Used: _____
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

This is a reentry and part of a larger OWP Plugging Project. Original target was the Weber, however, it was unproductive.

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

Signed: _____ Print Name: Richard Murray
 Title: OWP West Field Specialist Date: 8/2/2022 Email: g.richard.murray@state.co.us

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

COGCC Approved: Katz, Aaron Date: 8/24/2022

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 2/23/2023

Condition of Approval

COA Type

Description

	<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) The approved Form 6, Notice of Intent will be at the location during all phases of plugging operations.</p> <p>3) Operator shall implement measures to control venting and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard.</p> <p>4) Perform bradenhead test prior to MIRU if test has not been performed within six months of plugging or annual test has not been completed. Submit results on Form 17. Contact area environmental protection specialist for sampling and analysis requirements if initial bradenhead pressure is greater than 25 psi.</p>
	<p>This oil and gas location is located within a CPW-mapped 500 foot buffer of the Ordinary High Water Mark of Brush Creek for protection of Cutthroat Trout Designate Crucial Habitat. At a minimum, for Plugging and Abandonment (PA) operations that take place from May 1 to September 30, Operator will review the stormwater program and implement stormwater BMPs and erosion control measures as needed to prevent fine-grained sediment, well fluids, and impacted stormwater runoff from entering surface water to protect Cutthroat Trout spawning habitat.</p>
	<p>Submit "as drilled" GPS data on Subsequent Report of Abandonment. GPS data must meet the requirements of Rule 216.</p>
3 COAs	

Attachment List

Att Doc Num

Name

403122078	FORM 6 INTENT SUBMITTED
403124487	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

Engineer	<p>Well was previously abandoned and found by Operator who has active wells on the pad with bubbling at surface. OWP will re-enter well to re-plug it</p> <p>There is no offset wells with Wasatch G production within 1 mile</p> <p>There are no domestic water wells within 1 mile</p> <p>Well was previously abandoned, there are no flowlines</p> <p>If wellbore plumbing allows and is safe, OWP will test bradenhead prior to plugging operations</p>	08/24/2022
OGLA	<p>This oil and gas location is within CPW-mapped Elk Winter Concentration High Priority Habitat. CPW recommends that plugging and abandonment (PA) activities should not take place from December 1 to April 30.</p>	08/03/2022
Permit	<p>Submitter updated. Pass.</p>	08/02/2022
OGLA	<p>This oil and gas location is within a Elk Severe Winter Range Area High Priority Habitat. It is recommended that plugging and abandonment activities not take place from December 1 to April 30.</p>	08/01/2022
Permit	<p>Confirmed Dakota and Frontier zones docnum: 487834. Missing the Weber on zones tab and WBD.</p>	08/01/2022

Total: 5 comment(s)