

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.

Document Number:
 402505749
 Date Received:

OGCC Operator Number: 96155 Contact Name: Madalyn McGuire
 Name of Operator: WHITING OIL & GAS CORPORATION Phone: (303) 357-4083
 Address: 1700 LINCOLN STREET SUITE 4700 Fax: _____
 City: DENVER State: CO Zip: 80290 Email: madalyn.mcquire@whiting.com

For "Intent" 24 hour notice required, Name: Moran, Rick Tel: (720) 827-6689
COGCC contact: Email: rick.moran@state.co.us

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

API Number 05-103-05436-00
 Well Name: EMERALD C Well Number: 136
 Location: QtrQtr: SENW Section: 6 Township: 1N Range: 102W Meridian: 6
 County: RIO BLANCO Federal, Indian or State Lease Number: _____
 Field Name: RANGELY Field Number: 72370

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.085966 Longitude: -108.889426
 GPS Data: GPS Quality Value: _____ Type of GPS Quality Value: _____ Date of Measurement: _____

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other Re-plug by other operator. AL had casing set.

Casing to be pulled: Yes No Estimated Depth: 3878
 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

Total: 0 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	11	10+3/4	0	0		26	0	26	0	CALC

Subsurface hazards include, but are not limited to, the following: overpressured zones, underpressured zones, major geologic faults, salt sections, H2S at concentrations greater than or equal to 100 ppm.

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 95 sks cmt from 650 ft. to 800 ft. Plug Type: OPEN HOLE 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 _____ 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
(Cast Iron Cement Retainer Depth)

Set 90 sacks half in. half out surface casing from 0 ft. to 155 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:

Rock & Shale Mix; 9 7/8 in; 800.0-1,076.0 ftKB
 Rock & Shale Mix; 9 7/8 in; 155.0-650.0ftKB

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

Signed: _____ Print Name: Pauleen Tobin
 Title: Regulatory Compliance Spe Date: _____ Email: pollyt@whiting.com

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: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: _____

COA Type	Description
	Submit "as drilled" GPS data on Subsequent Report of Abandonment. GPS data must meet the requirements of Rule 215.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402505773	WELLBORE DIAGRAM
402505774	PROPOSED PLUGGING PROCEDURE
402551500	LOCATION PHOTO
402551501	LOCATION PHOTO
402551502	LOCATION PHOTO
402551503	LOCATION PHOTO

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Requirements for replug by other operator:-Signed Surface Use Agreement or Surface Owner Consent-Operations Summary of proposed re-entry procedure if not in Technical Detail/Comments-Proposed Plugging Procedure if not in Technical Detail/Comments-Current site photos - minimum of four (4) color photographs, one (1) from each cardinal direction; each photograph shall be identified by: date taken, well name, and direction of view.	10/30/2020

Total: 1 comment(s)