

Document Number:
 402173291
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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: 96155 Contact Name: Stephen Cantu
 Name of Operator: WHITING OIL & GAS CORPORATION Phone: (303) 390-4093
 Address: 1700 BROADWAY STE 2300 Fax: _____
 City: DENVER State: CO Zip: 80290 Email: stephen.cantu@whiting.com

For "Intent" 24 hour notice required, Name: _____ Tel: _____
 COGCC contact: Email: _____

API Number 05-123-32491-00
 Well Name: Terrace Well Number: 36-32M
 Location: QtrQtr: SWNE Section: 36 Township: 10N Range: 59W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 8441.5
 Field Name: IGO CREEK Field Number: 38310

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.795280 Longitude: -103.926300
 GPS Data:
 Date of Measurement: 04/04/2019 PDOP Reading: 1.0 GPS Instrument Operator's Name: Bryce Mayfield
 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
SHARON SPRINGS	5835	5836	02/14/2011	BRIDGE PLUG	5800
NIOBRARA	5984	6163	03/16/2011	BRIDGE PLUG	5900
CODELL	6192	6193	01/17/2011	BRIDGE PLUG	6180

Total: 3 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	9+5/8	36	600	376	600	0	CALC
1ST	7+7/8	5+1/2	17	6,944	565	6,946	2,770	CBL

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 30 sks cmt from 5526 ft. to 5800 ft. Plug Type: STUB PLUG 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 1700 ft. with 45 sacks. Leave at least 100 ft. in casing 1650 CICR Depth

Perforate and squeeze at 650 ft. with 55 sacks. Leave at least 100 ft. in casing 600 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 21 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. _____ inch casing Cut and Cap Date: 07/03/2019
of _____

*Wireline Contractor: Pioneer Energy Services *Cementing Contractor: C & J Energy Services

Type of Cement and Additives Used: 100 % CJ914

Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

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: Bethany Kerley

Title: Engineering Tech III Date: _____ Email: bethany.kerley@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:

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402173888	GYRO SURVEY
402173897	WIRELINE JOB SUMMARY
402173899	OPERATIONS SUMMARY
402198555	CEMENT JOB SUMMARY
402198607	CEMENT JOB SUMMARY
402202266	WELLBORE DIAGRAM

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)