

FORM
6Rev
12/05State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

401092443

Date Received:

08/15/2016

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: 10531

Contact Name: Michael Frow

Name of Operator: VANGUARD OPERATING LLC

Phone: (970) 876-2341

Address: 5847 SAN FELIPE #3000

Fax:

City: HOUSTON State: TX Zip: 77057

Email: mfrow@vnrl.com

For "Intent" 24 hour notice required,

Name: Murray, Richard

Tel: (970) 623-9782

COGCC contact:

Email: g.richard.murray@state.co.us

API Number 05-045-21114-00

Well Name: Dixon Federal

Well Number: 32A-23-692

Location: QtrQtr: SENW Section: 23 Township: 6S Range: 92W Meridian: 6

County: GARFIELD

Federal, Indian or State Lease Number: COC15976

Field Name: MAMM CREEK

Field Number: 52500

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.514545

Longitude: -107.634912

GPS Data:

Date of Measurement: 08/06/2010

PDOP Reading: 6.0

GPS Instrument Operator's Name: James Kalmon

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Expiring Reclamation ExtensionCasing 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 |
|-----------|-----------|-----------|----------------|---------------------|------------|
| | | | | | |

Total: 0 zone(s)

Casing History

| Casing Type | Size of Hole | Size of Casing | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bot | Cement Top | Status |
|-------------|--------------|----------------|-----------------|---------------|--------------|------------|------------|--------|
| CONDUCTOR | 24 | 14 | 36 | 62 | | 62 | 0 | CALC |
| SURF | 12+1/4 | 9+5/8 | 36 | 815 | 240 | 837 | 0 | VISU |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 82 with 20 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 _____ 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 _____ 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 Plugging Date: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Vanguard Operating LLC, is proposing to P&A the subject well in August 2016. Please find attached the current and proposed wellbore diagrams. The following is the proposed plugging procedure:

1. Move In Rig Up (MIRU) well service unit (WSU)
2. Set cast iron bridge plug @ 82' KB (60' MD)
3. Pump 4.25 bbl cement (20 sacks)
4. Top of cement @ 27' KB (5' MD)
5. Cut off surface casing (9-5/8" 36# J-55) and conductor (14") a minimum of 4' below grade [\geq 26' KB (4' MD)]
6. Weld plate over casing cut off
7. Backfill with material and place dry hole marker on surface

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

Signed: _____ Print Name: Crissy Venturo

Title: Regulatory Analyst Date: 8/15/2016 Email: cventuro@progressivepcs.net

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: BURGER, CRAIG Date: 8/17/2016

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 2/16/2017

| <u>COA Type</u> | <u>Description</u> |
|-----------------|---|
| | 1)Provide 48 hour notice of plugging MIRU via electronic Form 42. 2)If present, properly abandon flowlines per Rule 1103. File electronic Form 42 when flowline abandonment is complete. |

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|-------------------------|
| 401092443 | FORM 6 INTENT SUBMITTED |
| 401093818 | WELLBORE DIAGRAM |
| 401093820 | WELLBORE DIAGRAM |

Total Attach: 3 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|---|--------------------------|
| Public Room | Document verification complete | 8/17/2016 12:58:36 PM |
| Engineer | Revised casing information to match Drilling Completion Report. Changed attachment name to Wellbore Diagram. Conductor depth is from kelly bushing of 22'. | 8/16/2016 10:07:22 AM |
| Permit | Post-plug wellbore diagram is Well Abandonment Report. Form 7 OK. | 8/16/2016 8:23:43 AM |

Total: 3 comment(s)