

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

WELL ABANDONMENT REPORT

Submit original plus one copy. This form is to be submitted as an intent whenever a plugging is planned on a borehole. The approved intent shall be valid for twelve months after the approval date after that period a new intent will be required. After the plugging is complete, this form and one copy shall again be submitted as a subsequent report of the work as actually completed.

COGCC Operator Number: 16700
Name of Operator: Chevron U.S.A. Inc
Address: 1515 9th Street
City: Rock Springs State: WY Zip: 82901
Contact Name & Telephone: Lora Brown
No: (307) 352-5120
Fax: (307) 352-5180
24 hour notice required, contact: DAVE ANDREWS
Tel: (970) 456-5262
API Number: 05-081-05515
Well Name: Van Schiaick C Well Number: #1
Location: NWNE, Sec. 28, T12N-R100W, 660' FNL & 1979' FEL
County: Moffat Federal, Indian or State Lease Number: COC9005
Field Name: Hiawatha Field Number: 34350

Attachment Checklist table with columns for Wellbore Diagram, Cement Job Summary, Wireline Job Summary, Procedure, Oper, OGCC.

[X] Notice of Intent to Abandon [ ] Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.976577 Longitude: 108.636852
Date of Measurement: 4/15/2009 PDOP Reading: 2 Instrument Operator's Name: Paul Orme
Reason for Abandonment: [ ] Dry [X] Production Sub-economic [ ] Mechanical Problems [ ] Other
Casing to be Pulled: [ ] Yes [X] No Top of Casing Cement: Surface
Fish in Hole: [ ] Yes [X] No If yes, explain details below
Wellbore has Uncemented Casing Leaks: [ ] Yes [X] No If yes, explain details below

Current and Previously Abandoned Zones

Table with columns: Formation, Perforations - Top, Perforations - Bottom, Date Abandoned, Method of Isolation, Plug Depth. Includes entries for Ft. Union and Wasatch.

Casing History

Table with columns: String, Size of Hole, Size of Casing, Weight per ft, Setting Depth, Sacks Cement, Cement Bottom, Cement Top. Includes Surface and Prod strings.

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 185 with 3699 sacks cmt on top. CIPB #2: Depth 2150 with 18184 sacks. Includes checkboxes for Casing, Open Hole, Annulus and a note about cement requirements.

Additional Plugging Information for Subsequent Report Only

Casing Recovered: \_\_\_\_\_ ft. of \_\_\_\_\_ in. casing Plugging date: \_\_\_\_\_
Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_
Type of Cement and Additives Used: \_\_\_\_\_

Attach job summaries.

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

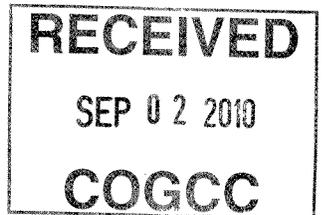
Print Name: Lora Brown Email: lorabrown@chevron.com
Signed: [Signature] Title: Regulatory Specialist Date: 08/27/10
OGCC Approved: [Signature] Title: PE II Date: 9/14/2010

CONDITIONS OF APPROVAL, IF ANY:

- 1) Report tag depth to verify cement at 2177' or higher for bottom cement plug on Form 6 (Subsequent Report of Abandonment). 2) Contact Dave Andrews at (970) 456-5262 and/or david.andrews@state.co.us if plugging changes are necessary, as discussed in Step 13 of the attached Abandonment Procedure.

# Chevron

Chevron U.S.A Production Co.  
Mid-Continent Business Unit



**Field: Hiawatha**  
**Well: VanSchaick C-1**  
**API #: 05-081-0551500**  
**County: Moffat**  
**Section 28-T12N-R100W**

**Abandonment Procedure**  
**Prepared by J. Renshaw**  
**Agent for Chevron U.S.A. Inc**

## Procedure:

1. Notify BLM 48 hours prior to MIRU abandonment rig
2. MIRU Workover Rig.
3. Top kill well if necessary using 2% KCL
4. RIH w/ tubing OE to 3699' PBTD or top of fill.
5. RU cementers & pump balanced cement plug 3699 – 2150' with 185 sxs - 37.8 bbls Class 'G' cement @ 15.8ppg (Yield = 1.15 ft<sup>3</sup>/sxs.) POOH to 2100' and reverse out.
6. POOH to 2150' or TOC. Reverse circulate clean. WOC.
7. RIH with tubing and tag cement at 2150'. If cement top is 2177 or lower, pump balanced cement plug to achieve TOC at minimum 2177.
8. Pressure test casing to 1000 psi for 15 minutes
9. Spot 9.0 ppg gelled mud from 2150' to 390' ( 43.0 bbls mud ). POOH/LD tubing to 380'. POOH.
10. RU ELU. TIH and perforate casing @ 390' with 4 - 0.35" holes (4 spf). POOH.
11. Attempt to pump in 5 1/2" casing with 10 3/4" x 5 1/2" casing valve open and establish circulation through 10 3/4" x 5 1/2" annulus.
- ➔ 12. **If circulation to surface is established**, pump approx 137 sxs (27.9 bbls) of Class 'G' @ 15.8ppg cement for 5.5" x 10 3/4" annulus and leave cement inside 5 1/2" casing to near ground surface level GL above perms (390-GL').- 47 sxs- 9.5 bbls while taking returns up the 5 1/2" x 10 3/4" casing annulus. WOC. Total cement 184 sxs – 37.4 bbls. Go to step 15.

- 13. **If unable to establish injection**, R/U Wireline Unit. TIH and perforate casing above 10 3/4" casing shoe @ 300-302' 8 - 0.35" holes (2 feet - 4 spf). POOH and R/D Wireline Unit. Attempt to establish injection again. Circulate cement w/ Class 'G' @ 15.8ppg. If unable to inject cement continue to step 14
14. RIH w/ tubing to 400', pump 400' balanced cement plug (400' to GL) w/ 48 sxs (9.8 bbls) Class 'G' cement @ 15.8ppg. POOH LD remaining TBG
15. ND and wash out BOPs and wellhead.
16. RDMO workover unit.
17. Cut wellhead off and all casings minimum 3' BGL. Top off well w/ additional cement if necessary.
18. Install dry hole marker per regulatory requirements and reclaim location.

Current

RECEIVED

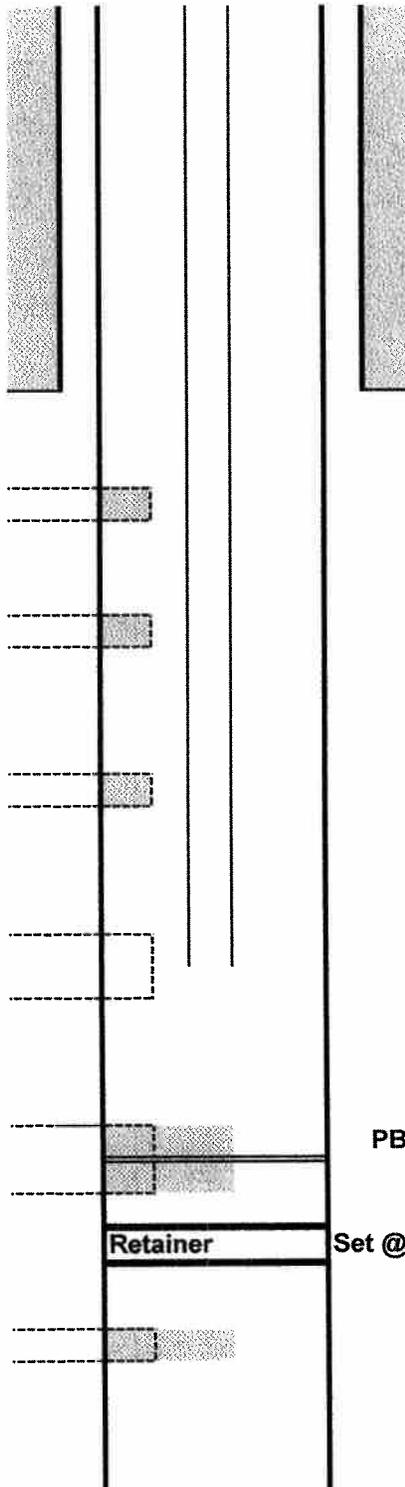
SEP 02 2010

COGCC

Van Schaick C #1  
Sec 28, T12N-R100W  
Moffat County, Colorado

Status - Pumping  
API: 050810551500

Tbg landed 2/8/2007  
2-7/8, 6.5# J-55 tbg 91 jts  
along with 1 mud joint  
EOT at 2939'  
SN @ 2906'



Hole Size: 13-3/4"

Cement Data:  
160 sx

Surface Casing Data  
10-3/4", 32.75#, H-40  
Set @ 331'

Wasatch Perfs  
2227-2290'  
Squeezed

Hole Size: 7-7/8"

Wasatch perfs  
2444-2462'  
Squeezed

Wasatch Perfs  
2500-2530'  
Squeezed

1 Polish Rod (26' long)  
2 Pony Rods  
115 Axelson Sucker Rods  
1 Pont Rod  
1 Top Hole DWN Pump (16' Stroke) @ 290'

Wasatch Perfs  
2905-3140'  
Open

Wasatch Perfs  
3653-3996'  
Squeezed

PBTD @3699'

Retainer Set @ 4207'

Ft. Union Perfs  
4434-4758'  
Squeezed

Production Casing:  
5-1/2", 14#, J-55  
Cemented w/710 sx  
Set @ 5046'.  
TOC@2035' per CBL 3/8/1994

Updated 2/27/2007 CSL

TD = 5051  
PBTD = 3699

Proposed

Van Schaick C #1  
Sec 28, T12N-R100W  
Moffat County, Colorado

Status - Pumping  
API: 050810551500

RECEIVED  
SEP 02 2010  
COGCC

43.0 BBL 9 PPG Mud  
From 2150' - 390'  
Wasatch Perfs  
2227-2290'  
Squeezed

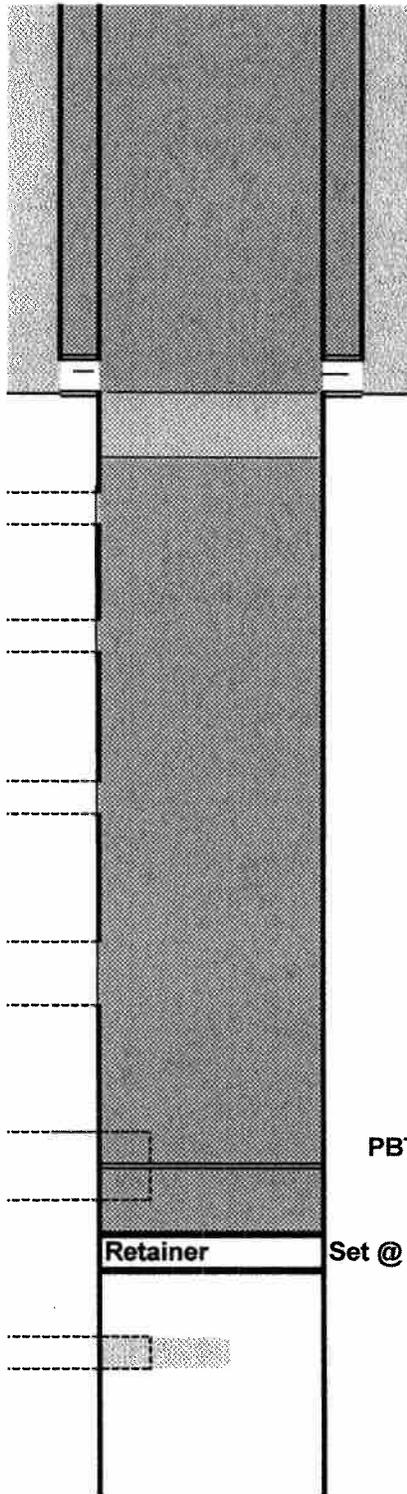
Wasatch perfs  
2444-2462'  
Squeezed

Wasatch Perfs  
2500-2530'  
Squeezed

Wasatch Perfs  
2905-3140'  
Open

Wasatch Perfs  
3653-3996'  
Squeezed

Ft. Union Perfs  
4434-4758'  
Squeezed



Hole Size: 13-3/4"

Squeeze 120 sx. Cement  
Down 5 1/2" casing and up annulus to sur!

Surface Casing Data  
10-3/4", 32.75#, H-40  
Set @ 331'

Perforate 390'

185 sxs plug 3699-2150'

Hole Size: 7-7/8"

PBTD @3699'

Retainer Set @ 4207'

Production Casing:  
5-1/2", 14#, J-55  
Cemented w/710 sx  
Set @ 5046'.  
TOC@2035' per CBL 3/8/1994

TD = 5051  
PBTD = 3699