FORM 6

# State of Colorad / Oil and Gas Conservation (

02611780

DE | ET | OE | ES DA

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

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COGCC

## 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 05-081-05733
DA Well Name: ~~Dincan B~~ Duncan B Well Number: #8
Location (QtrQtr, Sec, Twp, Rng, Meridian): SWNE, Sec. 20, T12N-R100W, 6th PM
County: Moffat Federal, Indian or State Lease Number: COC033571B
DA Field Name: Hiawatha West Field Number: ~~34350~~ 34351

Complete the Attachment Checklist

| | Oper | OGCC |
|---|---|---|
| Wellbore Diagram | X | |
| Cement Job Summary | | |
| Wireline Job Summary | | |

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

### Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.98767 Longitude: 108.657625
GPS Data:
Date of Measurement: 3/23/2009 PDOP Reading: 2.30 Instrument Operator's Name: Paul Orme

DA Reason for Abandonment: [ ] Dry [X] Production Sub-economic [ ] Mechanical Problems [ ] Other
Casing to be Pulled: [ ] Yes [X] No Top of Casing Cement: Unknown
Fish in Hole: [ ] Yes [X] No If yes, explain details below
Wellbore has Uncemented Casing Leaks: [ ] Yes [X] No If yes, explain details below
Details:

DA

### Current and Previously Abandoned Zones

| Formation | Perforations - Top | Perforations - Bottom | Date Abandoned | Method of Isolation (None, Squeezed, BP, Cement, etc.) | Plug Depth |
|---|---|---|---|---|---|
| Wasatch | 1985 | 2013 | | open | |
| Wasatch | 2063 | 2078 | 1966 | CIBP with 10' cmt on top | 2050 |
| Wasatch | 2228 | 2234 | 1966 | CIBP with 10' cmt on top | 2050 |
| | | | | | |

DA

### Casing History

| String | Size of Hole | Size of Casing | Weight per ft | Setting Depth | Sacks Cement | Cement Bottom | Cement Top |
|---|---|---|---|---|---|---|---|
| Surface | 12-1/4 | 8-5/8 | 24 | 318 | 300 | ~~unknown~~ 318' | surface |
| Prod | 7-7/8" | 5-1/2" | 14 | 2300 | 100 | 2300 | 1600 (calc) |
| | | | | | | | |
| | | | | | | | |

### Plugging Procedure for Intent and Subsequent Report

NOTE: Two (2) sacks cement required on all CIBPs.

CIBP #1: Depth _____ with _____ sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.

Set 17 sks cmt from 2040 ft. to 1900 ft. in [X] Casing [ ] Open Hole [ ] Annulus
Set _____ sks cmt from _____ ft. to _____ ft. in [ ] Casing [ ] Open Hole [ ] Annulus
Set _____ sks cmt from _____ ft. to _____ ft. in [ ] Casing [ ] Open Hole [ ] Annulus
Set _____ sks cmt from _____ ft. to _____ ft. in [ ] Casing [ ] Open Hole [ ] Annulus
Set _____ sks cmt from _____ ft. to _____ ft. in [ ] Casing [ ] Open Hole [ ] Annulus

DA Perforate and squeeze at 380 ft. with ~~84~~ 132 sacks Leave at least 100 ft. in casing – CMT TO SURFACE, SEE ABANDONMENT PROCEDURE
Perforate and squeeze at _____ ft. with _____ sacks Leave at least 100 ft. in casing
Perforate and squeeze at _____ ft. with _____ sacks Leave at least 100 ft. in casing
Set _____ sacks half in, half out surface casing from _____ ft. to _____ ft.
Set _____ sacks at surface
Cut four feet below ground level, weld on plate Dry-Hole Marker: [X] Yes [ ] No
Set _____ sacks in rat hole Set _____ sacks in mouse hole

### 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: Lora Brown Title: Regulatory Specialist Date: 08/31/10

OGCC Approved: David Andrews Title: PE II Date: 9/14/2010

CONDITIONS OF APPROVAL, IF ANY:

1) Report tag depth to verify cement at 1935' 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 7 or Step 12 of the attached Abandonment Procedure.

Current

# DUNCAN "B" #8

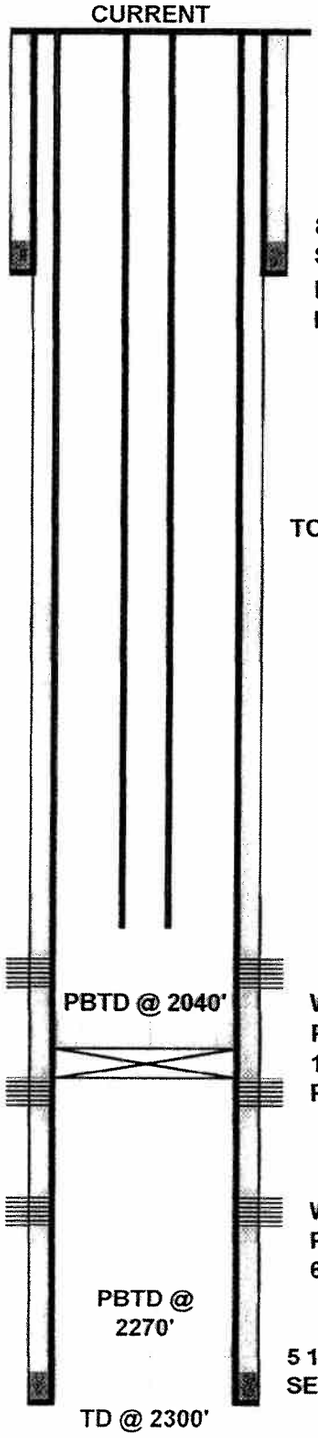
SEC 20 - 12N - 100W
1888' FNL, 212' EAST OF CNTR LINE
MOFFAT COUNTY, COLORADO



CURRENT

KB @ 6776'
GL @ 6766'

UPDATED APRIL,2008



8 5/8" 24# J-55 SURFACE CASING
SET @ 318' CMNT W/ 180 SXS THEN
RECEMENTED W/ 120 SXS FROM SURFACE
DOWN 1" PIPE

TOC UNKNOWN CALC @ ~ 1600'

2 3/8" TBG Landed @ 1988'

Plunger Lift Installed

PBTD @ 2040'

CIBP @ 2050' AND COVERED
W/ 10' OF CEMENT.

WASATCH PERFS (1985'-2013', 2063'-78')
PERF 1 SPF. STIM W/ 555 BLS CRUDE W/
15,120# 20-40 SAND AND 550# MARK II ADOMITE
PERFS SEPARATED BY CIBP

WASATCH PERFS (2228'-34')
PERF 1 SPF. STIM W/ 300 BBL CRUDE, W/
600# 20-40 SAND AND 300# MARK II ADOMITE

PBTD @
2270'

5 1/2" 14# J-55 PRODUCTION CASING
SET @ 2300' CMNT W/ 100 SXS

TD @ 2300'

Proposed

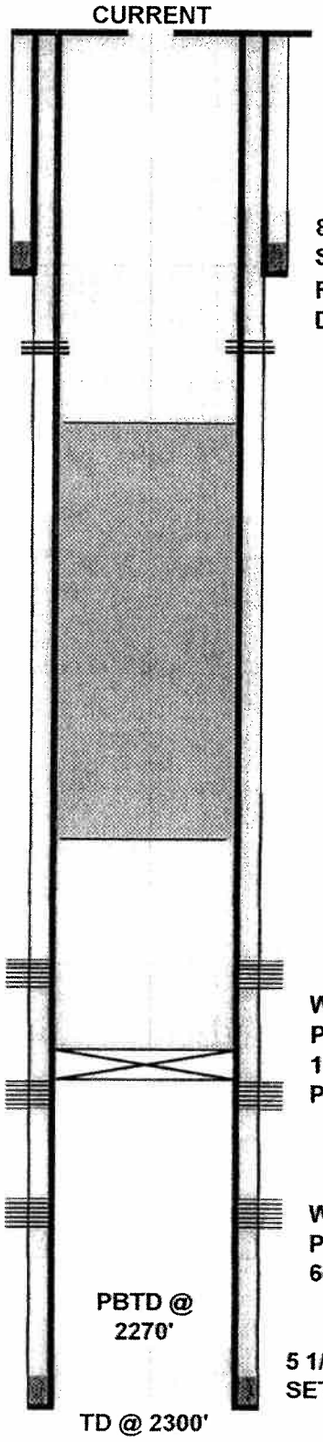
# DUNCAN "B" #8

SEC 20 - 12N - 100W
1888' FNL, 212' EAST OF CNTR LINE
MOFFAT COUNTY, COLORADO



CURRENT

KB @ 6776'
GL @ 6766'



SQUEEZE 372 SXS FROM 468'
TO SURFACE

8 5/8" 24# J-55 SURFACE CASING
SET @ 318' CMNT W/ 180 SXS THEN
RECEMENTED W/ 120 SXS FROM SURFACE
DOWN 1" PIPE

PERFORATE HOLES 380'

PLACE 37.1 BBLS 9 PPG MUD
From 1900' TO 380'

17 SXS PLUG ( 2040'- 1900' )

CIBP @ 2050' AND COVERED
W/ 10' OF CEMENT.

WASATCH PERFS (1985'-2013', 2063'-78')
PERF 1 SPF. STIM W/ 555 BLS CRUDE W/
15,120# 20-40 SAND AND 550# MARK II ADOMITE
PERFS SEPARATED BY CIBP

WASATCH PERFS (2228'-34')
PERF 1 SPF. STIM W/ 300 BBL CRUDE, W/
600# 20-40 SAND AND 300# MARK II ADOMITE

PBTD @
2270'

5 1/2" 14# J-55 PRODUCTION CASING
SET @ 2300' CMNT W/ 100 SXS

TD @ 2300'

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

**Field: Hiawatha**
**Well: Duncan B-8**
**API #: 05-081-05733**
**County: Moffat**
**Section**

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

**Objective: Plug and Abandon well**

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/ 2-3/8" work string and tag fill @2040'
5. RU cementers, fill and test lines to 3000 psi, and mix and pump 17 sx (3.4 bbls – 140') of Class G Cement @ 15.8 ppg (Yield = 1.15 cu ft/sk) across the Wasatch perforations (2040'-1900'). Reverse circulate until returns are clean. WOC.
6. RIH/Tag Cement top. If tag cement at 1935' or higher, POOH w/ 2-3/8" work string to 1870' and test casing 500 psi and monitor for 15 mins. If casing tests, proceed to Step 8 spotting mud. If cement top is lower, pump balanced cement plug to achieve TOC at minimum 1935'. Test casing to 500 psi for 15 mns.
7. IF CASING DOES NOT TEST, RIH w/ 2-3/8" tubing & retrievable packer. Set packer at depths as required and pressure test casing 500 – 1000 psi for 15 min. Release packer. Continue moving up/down the casing as required until CSG leak is isolated. Note: It may be necessary to use mechanical plugs and also change the size of the cement and mud plugs/depths & squeeze cement volumes based on injection rates and pressures as required to P&A this well.
8. Spot 9.0 ppg gelled mud from 1900' – 380' (37.1 bbls). POOH laying down singles
9. RU Wireline Unit. and perforate casing 380' w/ 4 holes (4spf). POOH and RD Wireline Unit.
10. Attempt to pump in 5.5" casing w/ 5.5" x 8-5/8" casing valve open and establish circulation. ***Note:. If unable to inject, proceed to step 12.***

11. **If circulation is established,** Pump approx 84 sxs (17.2 bbls) of Class G cement 15.8 ppg for 5.5" x 8-5/8" annulus from 500' to surface and leave 400' of cement to surface in 5.5" casing (48 sxs, 9.8 bbls). Total 132 sxs (27 bbls).

12. **If unable to establish injection,** RU Wireline Unit. TIH and perforate casing above 8-5/8" casing shoe @ 300' – 302' w/ 8 holes (4spf). POOH and RD Wireline Unit. Attemp to establish injection again. Circulate cement w/ Class G' @ 15.8 ppg. If circulation is not established, place 54 sxs (11.0 bbls) balanced plug from 450' to surface,

13. POOH and LD remaining TBG.

14. ND and wash out BOPE and wellhead.

15. RDMO WO Rig.

16. Cut wellhead off and all casings minimum 3' BGL. Top off well w/ additional cement if necessary.