

Replug By Other Operator

Document Number:
404363536

Date Received:

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.

ECMC Operator Number: 100322 Contact Name: Spencer Riebschlager
 Name of Operator: NOBLE ENERGY INC Phone: (346) 267-5252
 Address: 1099 18TH STREET SUITE 1500 Fax: _____
 City: DENVER State: CO Zip: 80202 Email: drill@chevron.com

For "Intent" 24 hour notice required, Name: Petrie, Erica Tel: (303) 726-3822
 Email: erica.petrie@state.co.us

ECMC contact:

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

API Number 05-123-14194-00
 Well Name: WELD PAWNEE Well Number: 11-8
 Location: QtrQtr: NESW Section: 8 Township: 8N Range: 59W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WILDCAT Field Number: 99999

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.675035 Longitude: -104.002900
 GPS Data: GPS Quality Value: _____ Type of GPS Quality Value: PDOP Date of Measurement: _____

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

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	12+1/4	8+5/8	J55	24	0	430	265	430	0	VISU
OPEN HOLE	7+7/8					6876				

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 80 sks cmt from 6754 ft. to 6554 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 80 sks cmt from 5940 ft. to 5740 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 120 sks cmt from 2425 ft. to 2125 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:

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
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
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 175 sacks half in. half out surface casing from 530 ft. to 0 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
Surface Plug Setting Date: _____ Cut and Cap Date: _____ Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

The purpose is to adequately re-plug prior to hydraulic fracturing treatment of proposed well.
A closed loop system will be used.

Procedure:

- 1 MIRU.
- 2 NU BOP.
- 3 PU drillout BHA.
- 4 RIH to surface plug.
- 5 PU power swivel.
- 6 Mill through surface plug, estimated length of 32'.
- 7 RIH to surface shoe plug, estimated TOC at 400'.
- 8 Mill through surface shoe plug, estimated BOC at 460'.
- 9 Circulate 2X BU.
- 10 LD power swivel.
- 11 Wash down to J-Sand plug base at 6,754'.
- 12 Circulate 2X BU.
- 13 POOH, SB workstring, LD BHA.
- 14 RIH to 6,754' open ended.
- 15 Establish circulation. Pump 10bbbls Chemical Wash followed by 80 sks of cement, plug from 6,754'-6,554'. Displace with fresh water to balance plug.
- 16 POOH w/ workstring to 6,400' and reverse circulate until clean returns observed.
- 17 POOH to 5,940'
- 18 Establish circulation. Pump 10bbbls Chemical Wash followed by 80 sks of cement, plug from 5,940'-5,740'. Displace with fresh water to balance plug.
- 19 POOH w/ workstring to ~5,600' and reverse circulate until clean returns observed.
- 23 POOH to 2,425'.
- 24 Establish circulation. Pump 10bbbls Chemical Wash followed by 120 sks of cement, plug from 2,425'-2,125'. Displace with fresh water to balance plug.
- 25 POOH w/ workstring to ~2,000' and reverse circulate until clean returns observed.
- 26 POOH w/ workstring to 530'.
- 27 Establish circulation. Pump 10bbbls Chemical Wash followed by 175 sks of cement as a balanced plug from 530' to surface.
- 28 Tag plug. Top off cement as needed. Cement needs to be approx. 10' from surface.
- 29 ND BOP.
- 30 RDMO.

3rd party wildlife surveys will be conducted on this well prior to rigging up for P&A activities.

Notification will be given to any adjacent building unit occupants within a 1000 feet of the wellhead of planned P&A start date. Please be aware that Form 6 Approval can predate actual rig work by up to several months and that environmental conditions can change quickly over that time. Chevron's Environmental Site Screening Process incorporates full environmental field clearances within 7 days of a scheduled well-work activity once the well is added to the active workover rig schedule. Should sensitive HPH conditions be identified during the screening process, Chevron will delay the work until conditions (nesting) clear and/or consult directly with CPW for guidance and discussion of potential mitigation measures that may be incorporated. CPW consult not required.

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

Signed: _____ Print Name: Jotsna Saiganesh
Title: Technical Assistant Date: _____ Email: jotsna.saiganesh@chevron.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with ECMC Rules and applicable orders and is hereby approved.

ECMC Approved: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY LIST

Expiration Date: _____

COA Type	Description
0 COA	

ATTACHMENT LIST

Att Doc Num	Name
404363541	WELLBORE DIAGRAM
404363542	WELLBORE DIAGRAM
404363544	LOCATION PHOTO
404363545	SURFACE AGRMT/SURETY

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)