

Replug By Other Operator

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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
 ECMC contact: Email: erica.petrie@state.co.us

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

API Number 05-123-10283-00
 Well Name: KINNISON Well Number: 1-34
 Location: QtrQtr: NWSE Section: 34 Township: 9N Range: 61W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: HEART Field Number: 33800

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.703448 Longitude: -104.189248
 GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement: 11/06/2018

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____

Casing to be pulled: Yes No Estimated Depth: 950
 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
CODELL	6710	6720	01/09/1987	B PLUG CEMENT TOP	5900
J SAND	7227	7260	01/09/1987	B PLUG CEMENT TOP	5900
Total: 2 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	NA	24	0	222	175	222	0	VISU
1ST	7+7/8	4+1/2	NA	11.6	0	7355	250	7355	6093	CALC

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 35 sks cmt from 6650 ft. to 6100 ft. Plug Type: CASING Plug Tagged:
 Set 35 sks cmt from 2350 ft. to 1950 ft. Plug Type: CASING 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 24 ft. with 155 sacks. Leave at least 100 ft. in casing 2350 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
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 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 280 sacks half in. half out surface casing from 950 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 174'.
- 8 Mill through surface shoe plug, estimated BOC at 222'.
- 9 Wash down to casing stub at 950'.
- 10 Circulate 2X BU.
- 11 POOH to surface.
- 12 Run guide shoe and washpipe BHA.
- 13 Engage casing stub.
- 14 Landout casing. ND BOP.
- 15 N/U Wellhead to 4-1/2". NU BOP.
- 16 PU cleanout BHA
- 17 RIH to 5,835'
- 18 Mill CIBP w/ 5 sx. (Est. 5,835 - 5,900)
- 19 Circulate 2x BU.
- 20 RIH to 6,650'
- 21 POOH to surface. LD BHA.
- 22 TIH w/ workstring 6,650'
- 23 Pump 35 sx 1.52 ft3/sx 15.8# G/35% SF cement from 6,650' to 6,100'
- 24 POOH w/ workstring to above TOC and reverse circulate until clean returns observed.
- 25 TIH with perf guns and perforate at 2,450' and 1,950'.
- 26 RIH w/ CICR and set at 2,350'
- 27 RIH w/ workstring and sting into CICR.
- 28 Pump 10bbbls Chemical Wash followed by 155sk of cement.
- 29 Unsting from CICR.
- 30 Place remaining 35 sk of cement on top of CICR. Displace with fresh water to balance plug.
- 31 POOH w/ workstring to above TOC and reverse circulate until clean returns observed.
- 32 POOH w/ workstring.
- 33 N/D BOP. Unland 4-1/2" casing. N/U BOP
- 34 POOH w/ 4.5" casing.
- 35 RIH w/ tubing to 950' .
- 36 Establish circulation. Pump 10bbbls Chemical Wash followed by 280 sks of cement as a balanced plug from 950' to surface.
- 37 Top off cement if needed. Cement needs to be approx. 10' from surface.
- 38 ND BOP.
- 39 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

<u>Att Doc Num</u>	<u>Name</u>
404554925	WELLBORE DIAGRAM
404554928	WELLBORE DIAGRAM
404554932	SURFACE OWNER CONSENT
404554937	LOCATION PHOTO

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)