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Document Number:
400372253

Date Received:
01/21/2013

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: 100185 Contact Name: Erin Hochstetler
 Name of Operator: ENCANA OIL & GAS (USA) INC Phone: (720) 876-5827
 Address: 370 17TH ST STE 1700 Fax: _____
 City: DENVER State: CO Zip: 80202- Email: erin.hochstetler@encana.com

For "Intent" 24 hour notice required, Name: PRECUP, JIM Tel: (303) 726-3822
COGCC contact: Email: james.precup@state.co.us

API Number 05-123-09716-00 Well Number: 1
 Well Name: STARKS
 Location: QtrQtr: SWSW Section: 30 Township: 2N Range: 64W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WATTENBERG Field Number: 90750

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.105797 Longitude: -104.598866
 GPS Data:
 Date of Measurement: 03/05/2009 PDOP Reading: 1.7 GPS Instrument Operator's Name: rthomas
 Reason for Abandonment: Dry Production for 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
J SAND	7618	7652			

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	200	225	200	0	CALC
1ST	7+7/8	4+1/2	11.6	7,761	225	7,761	6,830	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7550 with 55 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 50 sks cmt from 950 ft. to 0 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:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 Perforate and squeeze at 4530 ft. with 150 sacks. Leave at least 100 ft. in casing _____ CICR Depth
 Perforate and squeeze at 6800 ft. with 100 sacks. Leave at least 100 ft. in casing _____ CICR Depth
 Perforate and squeeze at 950 ft. with 50 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:

PxA Procedure
 1. Per COGCC requirements, provide 24 hour notice of MIRU to Mike Hickey at 970-302-1024 or e-mail at Mike.Hickey@state.co.us.
 2. Hold pre-job safety meeting. Identify any safety concerns and discuss prior to beginning job.
 3. MIRU pulling unit. Blow down well.
 4. POOH w/ tubing and plunger.
 5. MIRU wireline crew. MIRU cementers.
 6. PU 10K CIBP and set @ 7550' (70' above Jsand Perfs). Set cement plug on CIBP to 6850' (55 sxs)
 7. RIH w/ squeeze guns. Shoot 4 squeeze holes at 4530'.
 8. RIH w/ tubing. Pump 150 sxs (volume of 750' annular fill). Leave 10 sxs in casing.
 9. Pull uphole with tubing while reverse circulating 9 ppg mud.
 10. RIH w/ squeeze guns. Shoot 4 squeeze holes at 950'.
 11. RIH w/ tubing. Attempt to establish circulation and remove anjel (per COGCC not adequate seal). If unable, move to step 12.
 Pump until cement at surface. Cement 950' to surface in casing. Move to step 14.
 12. If unable to circulate cement to surface in step 12. Pump 50 sxs under angel. Cement 950' to surface in casing.
 13. Pick up 1-1/4" tubing (1st joint should have angled pin end). Lower into well and tag top of anjel. Pump cement until cement at surface.
 14. Cut off casing 4' below ground level and weld on plate. (NOTE: Follow OSHA trenching rules and shoring guidelines to cut casing).
 15. Remove surface equipment and abandon flowlines as per Rule 1103.

Cement Detail:
 Class G Neat: 15.8 ppg / 1.15 cu ft/sk

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

Signed: _____ Print Name: Erin Hochstetler

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: HOLLINSHEAD, RYANDate: 1/23/2013**CONDITIONS OF APPROVAL, IF ANY:**Expiration Date: 7/22/2013

- 1) Provide 48-hour notice of MIRU to Jim Precup at (303) 726-3822.
- 2) Provide an "As Plugged" wellbore diagram identifying the specific plugging completed.
- 3) Cement isolation is required in both the casing and annular space 1) from the TOC (6830') to 200' above the Niobrara formation (6652') and 2) from 950' to the bottom of the angel pumped at 738'. Please see the revisions to the plugging orders to add these plugs.
- 4) For the surface casing shoe plug, if not circulated to surface, tag plug, it must be at least 150' or higher, and a surface plug must be provided.
- 5) Properly abandon flowlines as per Rule 1103.
- 6) See plugging changes above.

Attachment Check List

Att Doc Num	Name
400372253	FORM 6 INTENT SUBMITTED
400372300	WELLBORE DIAGRAM
400372301	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well completion or recompletion doc. # 570925 dated 12/24/1979	1/22/2013 5:31:46 AM

Total: 1 comment(s)