

FORM
6Rev
12/05State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Date Received:

01/10/2012

Document Number:

400238995

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: 66571

Contact Name: Joan Proulx

Name of Operator: OXY USA WTP LP

Phone: (970) 263.3641

Address: P O BOX 27757

Fax: (970) 263.3694

City: HOUSTON State: TX Zip: 77227

Email: joan_proulx@oxy.com

For "Intent" 24 hour notice required,

Name: _____ Tel: _____

COGCC contact:

Email: _____

API Number 05-045-10856-00

Well Name: CASCADE CREEK

Well Number: 603-23-32

Location: QtrQtr: NESW Section: 3 Township: 6S Range: 97W Meridian: 6

County: GARFIELD

Federal, Indian or State Lease Number: _____

Field Name: GRAND VALLEY

Field Number: 31290

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.548367

Longitude: -108.210290

GPS Data:

Date of Measurement: 01/08/2012

PDOP Reading: 6.0

GPS Instrument Operator's Name: David Andrews

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☒ Mechanical Problems☐ Other _____Casing to be pulled: ☐ Yes ☒ No Top of Casing Cement: _____Fish in Hole: ☒ Yes ☐ No If yes, explain details belowWellbore 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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
CONDUCTOR	24	16	65	75	4	75	0	
SURF	12+1/4	9+5/8	36	2,709	1,161	2,709	0	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2600 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 1545 sks cmt from 6673 ft. to 2600 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: ☐
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

(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged: ☐

Set 35 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: 11/01/2005

*Wireline Contractor: Weatherford

*Cementing Contractor: Halliburton

Type of Cement and Additives Used: See comments for type of cement used

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No

*ATTACH JOB SUMMARY

Technical Detail/Comments:

Type of cement [PUMPED BELOW CEMENT RETAINER SET AT 2600']: Lead: 910 sxs 50/50 poz premium + 0.2% versaset = 0.6% halad 322 + 0.1% wg 17 + 0.2% hr 5 + 2 lb/sk phenoseal.
Tail: 670 sxs light standard = 2% gel + 0.3% halad 322 + 0.3% versaset + 0.6% halad 23 + 0.2% super cbl + 3 lb/sk silicalite + 5 lb/sk gilsonite + 2 lb/sk phenoseal + 0.15% hr5. Saved 35 sxs for 50' surface plug).
[1545 SXS TOTAL PUMPED BELOW CEMENT RETAINER SET AT 2600' (LEAD PLUS TAIL, LESS 35 SXS RESERVED FOR SURFACE PLUG)]

Due to lack of cement tickets, the following documents are attached:

1. Email dated 10/30/05 which states, "Attached is a proposal for abandoning this well prepared by our Drilling Engineer Les Litzinger." Therefore, the Form 6 dated 11/23/05 should have been marked as a Subsequent Report of Abandonment.
2. Daily Drilling Report: Outlines the P&A work that was completed.
3. Short Report: A brief recap of the Daily Drilling Report which outlines the P&A work that was completed.
4. Halliburton: Copy of Halliburton's Service Tools Job Log, invoice and plug chart

Please note that the original Form 5 dated 11/23/2005 is missing information and contains incorrect information. A corrected Form 5 was submitted 1/10/2012, document #400239148.

TOF at 2811'. BOF at 4048'. Fish consists of bit, mud motor, 16 drill collars, drilling jars, and 3 drill collars (652.95') with 19 jts of 4-1/2" of top joint broken off (594'). Total length 1247'.

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

Signed: _____ Print Name: Joan Proulx

Title: Regulatory Analyst Date: 1/10/2012 Email: joan_proulx@oxy.com

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

COGCC Approved:

Date: 1/13/2012

CONDITIONS OF APPROVAL, IF ANY:

--

Attachment Check List

Att Doc Num	Name
400238995	FORM 6 SUBSEQUENT SUBMITTED
400239007	OPERATIONS SUMMARY
400239008	CEMENT JOB SUMMARY
400239009	PROPOSED PLUGGING PROCEDURE
400239010	OPERATIONS SUMMARY
400239141	WELLBORE DIAGRAM
400239145	WELLBORE DIAGRAM

Total Attach: 7 Files

General Comments

User Group	Comment	Comment Date
Engineer	Added Notice of Intent comments, even though this is a Subsequent Report of Abandonment to provide historical context. Deleted operator-submitted "As-Drilled" GPS coordinates, because the measurement date of 11/02/2004 was prior to the surface hole spud on 9/28/2005 and prior to the conductor installation date of 9/24/2005 (confirmed with operator). Substituted calculated GPS data based on planned footages from section lines to approve the form because the well was PA in 2005 prior to the effective date of the GPS rules. Removed Williams Fork as an abandoned zone, because production casing was not run, and there were no completions in this well. Changed sacks of cement for surface casing and added conductor pipe details to match Form 5. Changed plug to "open hole" and adjusted sacks of cement pumped below cement retainer @ 2600' to match daily reports, and edited Operator Technical Detail/Comments (in CAPS) to reflect the same changes (placement of retainer and sacks pumped below retainer).	1/12/2012 3:42:40 PM

Total: 1 comment(s)