

FORM
6
Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

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



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Document Number:
400472975

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.

OGCC Operator Number: 10255 Contact Name: Cindy Keister
 Name of Operator: QUICKSILVER RESOURCES INC Phone: (817) 665-5572
 Address: 801 CHERRY ST - #3700 UNIT 19 Fax: (817) 665-5009
 City: FT WORTH State: TX Zip: 76102 Email: ckeister@qvinc.com

For "Intent" 24 hour notice required, Name: _____ Tel: _____
COGCC contact: Email: _____

API Number 05-107-05056-00 Well Number: 1
 Well Name: GRASSY CREEK STATE
 Location: QtrQtr: NWNW Section: 36 Township: 6N Range: 87W Meridian: 6
 County: ROUTT Federal, Indian or State Lease Number: 48412
 Field Name: GRASSY CREEK Field Number: 31500

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.439750 Longitude: -107.103890
 GPS Data:
 Date of Measurement: 10/24/2011 PDOP Reading: 2.4 GPS Instrument Operator's Name: GLEN MCELROY
 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	Code	Perf. Top	Perf. Bottom	Date	Method of Isolation	Plug Depth
NIOBRARA	NBRR	4444	4921	08/16/2012	B PLUG CEMENT TOP	4218

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	17+1/2	10+3/4	32.75	265	300	265	0	VISU
1ST	8+1/2	7	20	4,444	100	4,444	3,200	CALC
OPEN HOLE	5			4,921				

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4344 with 25 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 25 sks cmt from 2210 ft. to 2083 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 316 ft. with 100 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 100 sacks half in. half out surface casing from 316 ft. to 174 ft. Plug Tagged:
 Set 45 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: 0 ft. of _____ inch casing Plugging Date: 08/16/2013
 *Wireline Contractor: Continental Services *Cementing Contractor: Continental Services
 Type of Cement and Additives Used: Class G, 15.8 ppg, 1.15 cu-ft/sk yield.
 Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Pull 2-3/8" tubing. RIH w/CIBP and set @4344'. Spot 25sx cement on top of CIBP. Pull tubing to 2210' and set 25sx cement stabilizer plug. RU WL and perforate production casing @316'. Dig out & open surface valve. RIH W/tubing to 367' and load casing w/70sx cement. Lay down tubing. Tie cementers onto prod. casing, close pipe rams & pump additional 30sx cement (100sx total) to bradenhead squeeze 8 bbls cement slurry into annulus. Dig out and cut casing strings 4' bgl. Run 1" poly pipe in 7" to 100' and circulate 20 sx cement to surface. Run 1" poly in 10-3/4" surface annulus and circulate 25sx cement to surface. Cement falling in annulus. Re-cement annulus w/50sx cement. Wait overnight. Top off annulus w/50x cement. Cement level remaining at surface. Weld on dry hole plat w/legal ID. Backfill cellar. Well P&A.

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

Signed: _____ Print Name: Cindy Keister
 Title: Dir. Regulatory Affairs Date: _____ Email: ckeister@qrinc.com

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: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400475950	WELL ABANDONMENT REPORT (SUBSEQUENT)
400475952	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)