

FORM  
6Rev  
12/05

## State of Colorado

## Oil and Gas Conservation Commission

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



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10/14/2010

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## 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: 64310

Contact Name: CASEY ZACHARY

Name of Operator: NORTHSTAR GAS COMPANY INC

Phone: (970) 260-1984

Address: 14504 BRIAR FOREST DR #1114

Fax: (970) 243-1639

City: HOUSTON State: TX Zip: 77077

Email:

For "Intent" 24 hour notice required,

Name: \_\_\_\_\_ Tel: \_\_\_\_\_

COGCC contact:

Email: \_\_\_\_\_

API Number 05-103-08660-00

Well Name: FEDERAL

Well Number: 2-15

Location: QtrQtr: SWSE Section: 15 Township: 1S Range: 103W Meridian: 6

County: RIO BLANCO

Federal, Indian or State Lease Number: \_\_\_\_\_

Field Name: BANTA RIDGE

Field Number: 5200

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

## Only Complete the Following Background Information for Intent to Abandon

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

GPS Data:

Date of Measurement: \_\_\_\_\_ PDOP Reading: \_\_\_\_\_ GPS Instrument Operator's Name: \_\_\_\_\_

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
MANCOS	3140	3320	05/19/2010	B PLUG CEMENT TOP	2658
DAKOTA	6448	6462	05/19/2010	CEMENT	6398

Total: 2 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	9+5/8	36	209	200	209	0	VISU
1ST	8+3/4	7	23	2,608	300	2,608	0	CALC
2ND	6+1/2	4+1/2	11.6	6,512	250	6,512	5,597	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6398 with 50 sacks cmt on top. CIBP #2: Depth 3351 with 50 sacks cmt on top.  
CIBP #3: Depth 2658 with 2 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 <u>50</u> sks cmt from <u>3351</u> ft. to <u>2380</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>45</u> sks cmt from <u>2380</u> ft. to <u>1689</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>65</u> sks cmt from <u>1689</u> ft. to <u>0</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>5</u> sks cmt from <u>6448</u> ft. to <u>6462</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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 \_\_\_\_\_ 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: 06/03/2010

\*Wireline Contractor: \_\_\_\_\_

\*Cementing Contractor: WESTERN WELLSITE SER

Type of Cement and Additives Used: CLASS G WITH CAL CHLORIDE

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

\*ATTACH JOB SUMMARY

Technical Detail/Comments:

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

Signed: Y

Print Name: CASEY ZACHARY

Title: OPERATION MANAGER

Date: 10/11/2010

Email: \_\_\_\_\_

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: KRABACHER, JAY

Date: 10/20/2011

### CONDITIONS OF APPROVAL, IF ANY:

### Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Engineer	COMMENT FROM B. LAU, BLM: The well had been idle since Northstar had purchased it more than a decade before. It seems that the prior operator had attempted an unpermitted workover and had left a fish in the hole. When they attempted for some days to drill it out with no weight on the bit, Mr. McKinney developed an unsupported theory that Schlumberger had left a radioactive logging tool in the hole (and it would be dangerous for us to force him to attempt to drill it out, naturally). I contacted Schlumberger, who vehemently denied that they would have left a radioactive tool in an open hole. We eventually concluded that it was a perf gun. After we finally got a local fishing expert out there, we decided that we couldn't drill it, push it, or fish it. We allowed them to cement the hole from that point.	10/20/2011 10:45:17 AM
Engineer	either incomplete data or P&A inadequate. no plug across surface shoe. no GPS meas. no data/cementing/wireline on actual plugging work. upper perms could be 3204- - 3294' (supporting data in wellfiles). will ask BLM if they have this data. email to BLM 10/19/11: (no email info for opr!).	7/29/2011 4:23:49 PM

Total: 2 comment(s)