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Date Received:
10/14/2010

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1770939

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 Number: 2-15
 Well Name: FEDERAL
 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 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
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 50 sks cmt from 3351 ft. to 2380 ft. Plug Type: CASING Plug Tagged:
 Set 45 sks cmt from 2380 ft. to 1689 ft. Plug Type: CASING Plug Tagged:
 Set 65 sks cmt from 1689 ft. to 0 ft. Plug Type: CASING Plug Tagged:
 Set 5 sks cmt from 6448 ft. to 6462 ft. Plug Type: CASING 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 _____ 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

User Group	Comment	Comment Date
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)