



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

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JUN 24 2010  
**COGCC**

**WELL ABANDONMENT REPORT**

Submit original plus one copy. This form is to be submitted as an intent whenever a plugging is planned on a borehole. The approved intent shall be valid for twelve months after the approval date after that period a new intent will be required. After the plugging is complete, this form and one copy shall again be submitted as a subsequent report of the work as actually completed.

COGCC Operator Number: 10112	Contact Name & Telephone: Jack Rich	<b>24 hour notice required, contact:</b>
Name of Operator: Foundation Energy	No: 972-934-8385	
Address: 14800 Landmark Boulevard Suite 220	Fax: 972-934-8610	
City: Dallas State: TX Zip: 75254	Tel: _____	
API Number: 504512194	<b>Complete the Attachment Checklist</b>	
Well Name: Columbine Sp Fed Well Number: #12-10-5-103		
Location (Qtr, Sec, Twp, Rng, Meridian): SWNW 10 5S 103W 6 PM		
County: Garfield Federal, Indian or State Lease Number: _____		
Field Name: Baxter Pass Field Number: 5700		
		Oper OGCC
Wellbore Diagram		
Cement Job Summary		
Wireline Job Summary		

**Notice of Intent to Abandon**       **Subsequent Report of Abandonment**

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

Latitude: 39.639097 Longitude: -108.952233

GPS Data: \_\_\_\_\_

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

Reason for Abandonment:  Dry  Production 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	Perforations - Top	Perforations - Bottom	Date Abandoned	Method of Isolation (None, Squeezed, BP, Cement, etc)	Plug Depth
MURD	1388	1454			
DAK	6022	6034	9/25/06	CIBP / w cement	5858 ↑ 5818
MORR	5888	5894	"	"	5819

**Casing History**

String	Size of Hole	Size of Casing	Weight per ft	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
Conductor	17 1/2"	13 3/8"	54.5#	51'	35	51	44 0
Surface	12 1/4"	8 5/8"	24#	628'	420	628	44 0
Production	7 7/8"	4 1/2"	11.6#	6,205'	<del>335</del> 975	6,205	9

**Plugging Procedure for Intent and Subsequent Report**

CIBP #1: Depth 5,800' with 15 sacks cmt on top. CIBP #2: Depth 1338' with 10 sacks cmt on top. NOTE Two (2) sacks cement required on all CIBPs

Set 20 sks cmt from 3,200' ft. to 3,000' ft. in  Casing  Open Hde  Annulus

Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in  Casing  Open Hde  Annulus

Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in  Casing  Open Hde  Annulus

Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in  Casing  Open Hde  Annulus

Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in  Casing  Open Hde  Annulus

Perforate and squeeze at 678' ft. with 25 sacks Leave at least 100 ft. in casing

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks Leave at least 100 ft. in casing

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks Leave at least 100 ft. in casing

Set \_\_\_\_\_ sacks half in, half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Set 50 sacks at surface

Cut four feet below ground level, weld on plate 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 \_\_\_\_\_ in. casing Plugging date: \_\_\_\_\_

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

Type of Cement and Additives Used: \_\_\_\_\_

\*Attach job summaries.

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

Print Name: Jack Richy Email: \_\_\_\_\_

Signed: *Jack Richy* Title: Operations Superintendent Date: 6/22/10

OGCC Approved: *[Signature]* Title: EIT II Date: 7/8/10

CONDITIONS OF APPROVAL, IF ANY:

① GPS coordinates must be provided on subsequent Form 6 ② set CIBP @ 1338' w/10s on top ③ perf/squeeze @ 678' - ensure a minimum 100' length plug both inside casing and in annulus.

P & A Procedure for the Columbine Springs Federal 12-10-5-103

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Surface Casing: 8 5/8" @ 628' TOC Surface  
Production Casing/1st: 4 1/2" @ 6,205' TOC 11' Per CBL  
Perfs @ 5,888' to 5,894' 6' open

MIRU P&A Equipment  
BIT run to 5,800'  
TIH & set CIRC @ 5,800'  
Mix & pump 30 SKS 15 under spot 15 on top  
TOH to 5,300'  
Reverse out  
Test casing to 500 PSI  
If fails, call for orders  
TOH to 3,200'

~~Pump 20 SK balance and plug  
TOH to 628'~~

set CIBP @

Pump cement down tubing and up annulus to surface (50 SKS)

1338' w/10

TOH

Dig out

Weld Cap

Sacks on top.

Then perf/squeeze @ 678'  
w/ 25 sacks (enough to ensure 100'  
length or more plug from 50' below  
Surface shoe to at least 50' above shoe - both  
inside casing and in annulus.