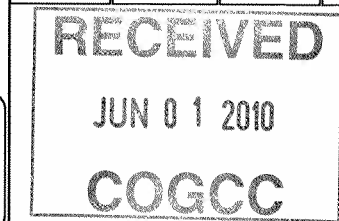




1120 Lincoln Street, Suite 801, Denver Colorado 80203 (303) 894-2100 Fax (303) 894-2109

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.



<b>COGCC Operator Number:</b> 96850		<b>24 hour notice required, contact:</b> <u>DAVE ANDREWS</u> Tel: <u>(970) 456-5262</u>															
Name of Operator: <u>Williams Production RMT Co</u>																	
Address: <u>1515 Arapahoe, Tower 3, Suite 1000</u>		<b>Complete the Attachment Checklist</b> <table border="1"><tr><td></td><td>Oper</td><td>OGCC</td></tr><tr><td>Wellbore Diagram</td><td>X</td><td></td></tr><tr><td>Cement Job Summary</td><td></td><td></td></tr><tr><td>Wireline Job Summary</td><td></td><td></td></tr><tr><td>Plugging Procedure</td><td>X</td><td></td></tr></table>		Oper	OGCC	Wellbore Diagram	X		Cement Job Summary			Wireline Job Summary			Plugging Procedure	X	
	Oper		OGCC														
Wellbore Diagram	X																
Cement Job Summary																	
Wireline Job Summary																	
Plugging Procedure	X																
City: <u>Denver</u> State: <u>CO</u> Zip: <u>80202</u>																	
No: <u>  </u> Fax: <u>  </u>																	
<b>API Number:</b> 05-045-18074-00																	
Well Name: <u>Federal</u> Well Number: <u>RWF 514-19</u>																	
Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>NWSW 19-6S-94W</u>																	
County: <u>Garfield</u> Federal, Indian or State Lease Number: <u>  </u>																	
Field Name <u>Rulison</u> Field Number <u>75400</u>																	

☒ Notice of Intent to Abandon

☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.507041 Longitude: -107.936681 **AS-BUILT SUBMITTED ON FORM 5**

GPS Data:   

Date of Measurement: 6/23/08 PDOP Reading: 5.9 Instrument Operator's Name: J. Kirkpatrick

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: Casing burst at 4310'. Casing patch and cement squeeze were installed. Leak failed pressure test. Caliper was ran and found another  
It was assumed that the entire string of casing was bad and had a high chance of future hole problems. It was decided to abandon the well and  
from another location. SEE FORM 4 (SUNDRY NOTICE) DOC. NO. 1906312

Current and Previously Abandoned Zones

Formation	Perforations - Top	Perforations Bottom	Date Abandoned	Method of Isolation (None, Squeezed, BP, Cement, etc.)	Plug Depth
Lower Cameo	8161	8313	3/10/10	8K Comp. Frac Plug (w/ball)	8074'
Cameo	7807	8056	3/10/10	8K Comp. Frac Plug (w/ball)	7750'
Mesa Verde 1	7510	7731	3/10/10	8K Comp. Frac Plug (w/ball)	7475'
				8K Comp. Frac Plug (w/ball)	7473'

Casing History

String	Size of Hole	Size of Casing	Weight per ft	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
Conductor	24"	18"	48#	<u>45' 60"</u>	<u>25 23</u>	<u>45' 60"</u>	surface
Surface	13 1/2"	9 5/8"	32.3	1124'	320	1124'	surface
Production	<u>7 7/8" 8 3/4"</u>	4 1/2"	11.6	8545'	1225	8545'	<u>5100' 4900'</u>
		<u>4 1/2"</u>			<u>200</u>	<u>4324'</u>	<u>4166'</u>

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5050' with 4 sacks cmt on top. CIBP #2: Depth 4210 with 4 sacks cmt on top

NOTE: Two (2) sacks cement required on all CIBPs.

SAME PLUG OR	Set <u>40</u> sks cmt from <u>90'</u> ft. to <u>4'</u> ft. in	<input type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input checked="" type="checkbox"/> Annulus
	Set <u>40</u> sks cmt from <u>1076</u> ft. to <u>1174</u> ft. in	<input checked="" type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus
	Set <u>  </u> sks cmt from <u>  </u> ft. to <u>  </u> ft. in	<input checked="" type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus
	Set <u>4</u> sks cmt from <u>7473</u> ft. to <u>  </u> ft. in	<input checked="" type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus
	Set <u>  </u> sks cmt from <u>  </u> ft. to <u>  </u> ft. in	<input type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus

Perforate and squeeze at 1175 ft. with 40 sacks Leave at least 100 ft. in casing (**RETAINER @ 1070'**)

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 40 sacks at surface

Cut four feet below ground level, weld on plate

Set    sacks in rat hole

Dry-Hole Marker: ☒ Yes ☐ No

Set    sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered:    ft. of    in. casing

\*Wireline Contractor:    Plugging date:   

Type of Cement and Additives Used:    \*Cementing Contractor:   

**\*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 Howard Harris Email: howard.harris@williams.com

Signed: Howard Harris Title: Sr. Regulatory Specialist Date: 5/27/10

OGCC Approved: David Andrews Title: PE II Date: 7/7/2010

CONDITIONS OF APPROVAL, IF ANY: