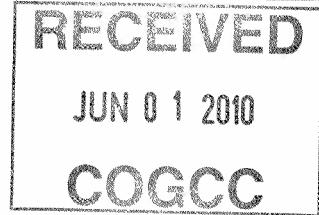




1120 Lincoln Street, Suite 801, Denver Colorado 80203 (303) 894-2100 Fax (303) 894-2109

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.



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

☒ 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 DA

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 DA

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 <u>DA</u>
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.

Set 40 sks cmt from 90' ft. to 4' ft. in ☐ Casing ☐ Open Hole ☒ Annulus

Set 40 sks cmt from 1076 ft. to 1174 ft. in ☒ Casing ☐ Open Hole ☐ Annulus

Set    sks cmt from    ft. to    ft. in ☒ Casing ☐ Open Hole ☐ Annulus

Set 4 sks cmt from 7473 ft. to    ft. in ☒ Casing ☐ Open Hole ☐ Annulus DA

Set    sks cmt from    ft. to    ft. in ☐ Casing ☐ Open Hole ☐ 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 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 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: