

State of Colorado
Oil and Gas Conservation Commission

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



SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

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OCT 11 2011

COGCC/Rifle Office

1. OGCC Operator Number: 96850	4. Contact Name: Greg Davis	Complete the Attachment Checklist OP OGCC
2. Name of Operator: Williams Production RMT Company LLC	Phone: (303) 606-4071	
3. Address: 1001 17th Street, Suite 1200 City: Denver State: CO Zip: 80202	Fax: (303) 629-8268	
5. API Number 05-045-20522-00	OGCC Facility ID Number	Survey Plat
6. Well/Facility Name: Clough	7. Well/Facility Number: NR 514-3	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): NESW Section 3-T6S-R94W		Surface Eqpm Diagram
9. County: Garfield	10. Field Name: Rulison	Technical Info Page X
11. Federal, Indian or State Lease Number:		Other

General Notice

<input type="checkbox"/> CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)	
Change of Surface Footage from Exterior Section Lines:	<input type="checkbox"/> FNL/FSL <input type="checkbox"/> FEL/FWL
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/> attach directional survey
Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer	
Latitude	Distance to nearest property line
Longitude	Distance to nearest bldg, public rd, utility or RR
Ground Elevation	Distance to nearest lease line
	Is location in a High Density Area (rule 603b)? Yes/No
	Distance to nearest well same formation
	Surface owner consultation date:
GPS DATA:	
Date of Measurement PDOP Reading Instrument Operator's Name	
<input type="checkbox"/> CHANGE SPACING UNIT	<input type="checkbox"/> Remove from surface bond
Formation Formation Code Spacing order number Unit Acreage Unit configuration	Signed surface use agreement attached
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):	<input type="checkbox"/> CHANGE WELL NAME
Effective Date:	From:
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	To:
	Effective Date:
<input type="checkbox"/> ABANDONED LOCATION:	<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS
Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No	Date well shut in or temporarily abandoned:
Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No
Date Ready for Inspection:	MIT required if shut in longer than two years. Date of last MIT
<input type="checkbox"/> SPUD DATE:	<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)
<input type="checkbox"/> SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK	
*submit cbl and cement job summaries	
Method used	Cementing tool setting/perf depth
Cement volume	Cement top
Cement bottom	Date
<input type="checkbox"/> RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.	
Final reclamation will commence on approximately	
<input type="checkbox"/> Final reclamation is completed and site is ready for inspection.	

Technical Engineering/Environmental Notice

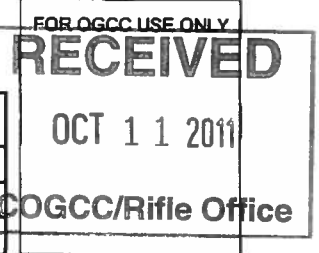
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Report of Work Done	
Approximate Start Date:	Date Work Completed:	
Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)		
<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input checked="" type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: Increase Sfc Csg Depth	for Spills and Releases

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

Signed: Greg DavisDate: 10/7/11 Email: Greg.J.Davis@Williams.comPrint Name: Greg DavisTitle: Supervisor PermitsCOGCC Approved: Kevin KingTitle: EIT IIIDate: OCT 13 2011

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



1. OGCC Operator Number:	96850	API Number:	05-045-20522-00
2. Name of Operator:	Williams Production RMT Company LLC OGCC Facility ID #		
3. Well/Facility Name:	Clough	Well/Facility Number:	NR 514-3
4. Location (QtrQtr, Sec, Twp, Rng, Meridian):	NESW Section 3-T6S-R94W		

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

Williams requests permission to increase the sfc csg setting depth of the subject well from the permitted 32.3# 9 5/8" Sfc Csg from 1104' to 2400' with 612 sx cmt. This change is being made to mitigate lost circulation and improve hole stability. TMD will TMD will also change from 10023' to 9993' with 718 sx cmt.

(See attached new directional plot and plan.)

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PICEANCE VLY NAD 83

RU 03-06S-094W

NR 23-3 Pad (West)

NR 514-3 - Slot B6

Wellbore #1

Plan: Design #2 30Aug10 kjs

Survey Report - Geographic

06 October, 2011

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COGCC/Rifle Office

Williams
Survey Report - Geographic

Company:	PICEANCE VLY NAD 83	Local Co-ordinate Reference:	Well NR 514-3 - Slot B6
Project:	RU 03-06S-094W	TVD Reference:	KELLY BUSHING @ 6744.0usft (H&P (24") kjs)
Site:	NR 23-3 Pad (West)	MD Reference:	KELLY BUSHING @ 6744.0usft (H&P (24") kjs)
Well:	NR 514-3	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Design #2 30Aug10 kjs	Database:	COMPASS-PICEANCE

Project	RU 03-06S-094W, Garfield County, CO		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Central Zone		

Site	NR 23-3 Pad (West)		
Site Position:		Northing:	1,634,937.90 usft
From:	Map	Easting:	2,329,707.50 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13.200 in
		Latitude:	39° 33' 9.397 N
		Longitude:	107° 52' 38.707 W
		Grid Convergence:	-1.499 °

Well	NR 514-3 - Slot B6		
Well Position	+N-S	0.0 usft	Northing:
	+E-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	39° 33' 9.775 N
		Longitude:	107° 52' 38.622 W
		Ground Level:	6,720.0 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination
	IGRF2010	9/30/2011	10.268
			Dip Angle
			65.800
			Field Strength
			52.261

Design	Design #2 30Aug10 kjs		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.0
Vertical Section:	Depth From (TVD)	+N-S	+E-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			237.28

Survey Tool Program	Date 10/6/2011		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		Description
0.0	9,992.5	Design #2 30Aug10 kjs (Wellbore #1)	MWD
			MWD - Standard

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	1,634,976.00	2,329,715.10	39° 33' 9.775 N	107° 52' 38.622 W
170.0	0.00	0.00	170.0	0.0	0.0	1,634,976.00	2,329,715.10	39° 33' 9.775 N	107° 52' 38.622 W
Start Build 2.50									
550.0	9.50	237.29	548.3	-17.0	-26.4	1,634,959.71	2,329,688.22	39° 33' 9.608 N	107° 52' 38.960 W
Hold 9.50 Inclination									
2,400.0	9.50	237.29	2,372.9	-182.0	-263.4	1,634,801.49	2,329,427.07	39° 33' 7.977 N	107° 52' 42.240 W
9 5/8"									
3,725.3	9.50	237.29	3,680.0	-300.2	-467.4	1,634,688.14	2,329,240.00	39° 33' 6.808 N	107° 52' 44.590 W
Top of "G" Sand									
3,826.7	9.50	237.29	3,780.0	-309.2	-481.5	1,634,679.47	2,329,225.68	39° 33' 6.719 N	107° 52' 44.770 W
Base of "G" Sand									

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Well:	NR 514-3	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Design #2 30Aug10 kjs	Database:	COMPASS-PICEANCE

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
4,232.2	9.50	237.29	4,180.0	-345.4	-537.8	1,634,644.79	2,329,168.44	39° 33' 6.362 N	107° 52' 45.489 W
Start Build 3.00									
4,326.7	12.33	237.29	4,272.7	-355.1	-552.9	1,634,635.52	2,329,153.14	39° 33' 6.266 N	107° 52' 45.681 W
Hold 12.33 Inclination									
6,079.4	12.33	237.29	5,985.0	-557.4	-867.9	1,634,441.52	2,328,832.95	39° 33' 4.266 N	107° 52' 49.702 W
Mesaverde									
6,875.9	12.33	237.29	6,763.1	-649.3	-1,011.0	1,634,353.36	2,328,687.45	39° 33' 3.358 N	107° 52' 51.530 W
Start Drop -2.00									
7,492.5	0.00	0.00	7,375.0	-685.0	-1,066.6	1,634,319.10	2,328,630.90	39° 33' 3.005 N	107° 52' 52.240 W
Vertical									
7,592.5	0.00	0.00	7,475.0	-685.0	-1,066.6	1,634,319.10	2,328,630.90	39° 33' 3.005 N	107° 52' 52.240 W
Top Gas - Approx. Top Gas - Top Gas (25' Radius) NR 514-3									
8,892.5	0.00	0.00	8,775.0	-685.0	-1,066.6	1,634,319.10	2,328,630.90	39° 33' 3.005 N	107° 52' 52.240 W
Cameo									
9,722.5	0.00	0.00	9,605.0	-685.0	-1,066.6	1,634,319.10	2,328,630.90	39° 33' 3.005 N	107° 52' 52.240 W
Coal D									
9,842.5	0.00	0.00	9,725.0	-685.0	-1,066.6	1,634,319.10	2,328,630.90	39° 33' 3.005 N	107° 52' 52.240 W
Rollins SS									
9,992.5	0.00	0.00	9,875.0	-685.0	-1,066.6	1,634,319.10	2,328,630.90	39° 33' 3.005 N	107° 52' 52.240 W
TD at 9992.5 - TD									

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
Top Gas (25' Radius) NF	0.00	0.00	7,475.0	-685.0	-1,066.6	1,634,319.10	2,328,630.90	39° 33' 3.005 N	107° 52' 52.240 W
- plan hit target center									
- Circle (radius 25.0)									

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diameter (in)
2,400.0	2,372.9	9 5/8"	9.825	12.250

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,725.3	3,680.0	Top of "G" Sand			
3,826.7	3,780.0	Base of "G" Sand			
6,079.4	5,985.0	Mesaverde			
7,592.5	7,475.0	Approx. Top Gas			
8,892.5	8,775.0	Cameo			
9,722.5	9,605.0	Coal D			
9,842.5	9,725.0	Rollins SS			
9,992.5	9,875.0	TD			

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Well:	NR 514-3	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Design #2 30Aug10 kjs	Database:	COMPASS-PICEANCE

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N-S (usft)	+E-W (usft)	
170	170	0	0	Start Build 2.50
550	548	-17	-26	Hold 9.50 Inclination
4232	4180	-345	-538	Start Build 3.00
4327	4273	-355	-553	Hold 12.33 Inclination
6876	6763	-649	-1011	Start Drop -2.00
7493	7375	-685	-1067	Vertical
7593	7475	-685	-1067	Top Gas
9993	9875	-685	-1067	TD at 9992.5

Checked By: _____ Approved By: _____ Date: _____