

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.)

1. OGCC Operator Number: 96850	4. Contact Name: Greg Davis	Complete the Attachment Checklist OP OGCC
2. Name of Operator: Williams Production RMT Co.	Phone: (303) 606-4071	
3. Address: 1515 Arapahoe St., Tower 3, Suite 1000	Fax: (303) 629-8268	
City: Denver State: CO Zip: 80202		
5. API Number 05-045-10270-00	OGCC Facility ID Number	Survey Plat
6. Well/Facility Name: Clough	7. Well/Facility Number: RWF 33-22	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): NWSE Section 22-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

☐ **CHANGE OF LOCATION:** Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)

	FNL/FSL	FEL/FWL
Change of Surface Footage from Exterior Section Lines:		
Change of Surface Footage to Exterior Section Lines:		
Change of Bottomhole Footage from Exterior Section Lines:		
Change of Bottomhole Footage to Exterior Section Lines:		

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer _____

Latitude _____ Distance to nearest property line _____ Distance to nearest bldg, public rd, utility or RR _____

Longitude _____ Distance to nearest lease line _____ Is location in a High Density Area (rule 603b)? Yes/No ☐

Ground Elevation _____ Distance to nearest well same formation _____ Surface owner consultation date: _____

attach directional survey

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	NUMBER
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)
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<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 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 type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: NOAV #200262621	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.

See page 2 for COGCC approval

Signed: Greg J. DavisDate: 10/5/10Email: Greg.J.Davis@Williams.com

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

- | | |
|---|---------------------------------|
| 1. OGCC Operator Number: 96850 | API Number: 05-045-10270-00 |
| 2. Name of Operator: Williams Production RMT Co | OGCC Facility ID # |
| 3. Well/Facility Name: Clough | Well/Facility Number: RWF 33-22 |
| 4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSE Sec 22 T6S-R94W | |

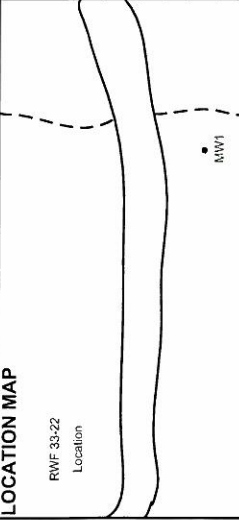
This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

Attached are the results of an on-going investigation of the subject pad. (NOAV #200262621)

COGCC Approved:

LOCATION MAP

RWF 33-22
Location

OLSSON

ASSOCIATES

826 21 1/2 Road
Grand Junction, CO 81505
T: 970.263.7800
F: 970.263.7456

TEST HOLE/WELL LOG

PAGE 1 of 2

Test/Well Number: MW1	Project: RWF 33-22
Date: 8/5/10	Project Number: 010-1744
Logged by: Dobransky	Drilled by: Shelton
Drilling Method: Rotary	Sampling Method: Rotary

Elevation:	Seal: Bentonite	Grout:
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Gravel Pack: 10/20 + 8/12 Silica	Detector: PID	Hole Diameter: 7 in.	F. L. Meter:
Casing Type: Sch. 40 PVC	Diameter: 2 in.	DTP: -	DTW: 13-17'
Screen Type: Sch. 40 PVC	Slot: 10	Well Depth: 31'	Total Depth: 33'

Soil/Rock Type	Color	Moisture Content	% Fines	Structure	Vapor (ppm)	Staining	Sample #	Depth (ft)	Sample % Recovery	Penetration	LITHOLOGY/REMARKS	WELL COMPLETION
						NA		0			Silty loam, v. little gravel Moisture increasing slightly with depth (Surface Infiltral.)	
								1				
								2			Some cohesiveness, clays increasing, moderately plastic	
								3				
								4			Silty clayey, moderate moisture	
								5				
								6				
								7			Clayey, silt, highly plastic	
								8			Very moist, clayey, highly plastic	
								9			Gravels, cobbles	
								10			Coarse gravels sands, some clay, medium grained, low plasticity	
								11			Low fines, coarse gravel sands, some cobbles	
								12			Non plastic	
								13				
								14				
								15			Increase in larger cobble/gravel, some sands	
								16				
								17			Decrease in cobble/gravel, increase in sands at 17'	
								18			Fines increasing slightly (clay)	
								19				
								20				
								21				
								22				
								23				
								24				
								25				
								26				
								27			Soft, loose sands and gravel from 27-30'	
								28				
								29				



[illegible]

*MW completed on 8/6/2010

LOCATION MAP

DOE 0172

826 21 1/2 Road

Grand Junction, CO 81505

T: 970.263.7800

F: 970.263.7456

TEST HOLE/WELL LOG

Project: RWF 33-22

Project Number: 010-1744

Drilled by: Shelton

Sampling Method: Rotary

Grout:

Hole Diameter: 7 in.

F. L. Meter:

DTW: 12.5-13'

Total Depth: 23'

TEST HOLE/WELL LOG

Test/Well Number: MW2

Date: 8/6/10

Logged by: Dobransky

Drilling Method: Rotary

Seal: Bentonite

Detector: PID

Gravel Pack: 8 1/2 Silica Sand

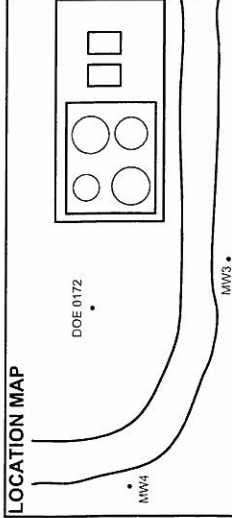
Casing Type: Sch. 40 PVC

Screen Type: Sch. 40 PVC

Slot: 10

Soil/Rock Type	Color	Moisture Content	% Fines	Structure	Vapor (ppm)	Staining	Sample #	Depth (ft)	Sample % Recovery	Penetration	LITHOLOGY/REMARKS	WELL COMPLETION
								0			Road fill (road base-cobble)	
	Lt. Tan	<5	15	Fill	-	NA		1			Silty, non plastic	
								2				
	Brwn.	25	30					3				
								4				
								5				
								6				
								7			Clayey, silt, highly plastic	
	Dk. Brwn.	50	60					8				
								9			Coarse gravels and sands, fine to very fine grained	
	Grey	45	10					10			Some cobble increase	
		10	<5					11			Larger cobble/gravel increase, coarse sands, dense medium to fine grained	
		10						12			Soft, coarse sands and gravel (rounded)	
	Brwn.	85	5					13				
		95						14				
		Sat.	10					15				
			10					16				
			10					17			Gravel increasing	
								18				
			5					19			Gravel and sands decreasing, cobble increase	
	Dk. Grey/ Reds	95	5					20				
		85	<5					21			Large gravel/cobbles, dense	
								22			Larger gravels and cobbles, some fine-grained sand, coarse, dense	
	Grey Red Brwn.	80	<5					23			Coarse river sands and gravel	
											Total Depth	

[illegible]



826 21 1/2 Road
Grand Junction, CO 81505
T: 970.263.7800
F: 970.263.7456

TEST HOLE/WELL LOG

PAGE 1 of 2

Test/Well Number: MW4
Date: 8/9/10
Logged by: Dobransky
Drilling Method: Rotary
Seal: Bentonite
Project: RWF 33-22
Project Number: 010-1744
Drilled by: Shelton
Sampling Method: Rotary

Elevation: Detector: PID
Gravel Pack: 8/12 Silica Sand
Casing Type: Sch. 40 PVC
Screen Type: Sch. 40 PVC Slot: 10
Diameter: 2 in.
Length: 16'
DTP: -
Well Depth: 31'
Total Depth: 31'

Soil/Rock Type	Color	Moisture Content	% Fines	Structure	Vapor (ppm)	Staining	Sample #	Depth (ft)	Sample Recovery %	Penetration	LITHOLOGY/REMARKS	WELL COMPLETION
	Tan	5	5		-	N		0			Road fill, large cobble, gravel sand	
								1				
	Brwn.	35	35		0			2				
					0			3				
					0			4			Silty clay, low plasticity	
					0			5				
					0			6				
	Dk. Brwn	60	65		0			7			Clayey, silt, sand, moderate plasticity	
					0			8				
	Tan	50	20		0			9			Coarse sands and gravel, medium to fine grained	
	Tan/Dusty	40	10		0			10			Cobble size and density increasing, sands	
					0			11				
					0			12			Density increasing, fine sands	
	Tan	50	20		0			13				
					0			14			Coarse, medium to fine grained sands and gravels	
					0			15				
					0			16				
	Lt. Grey/Tan	70	25		0			17				
					0			18				
					0			19				
					0			20				
		95	5		0			21				
	Lt. Grey/Brwn.	Sat.	5		0			22			Coarse sands and gravel, medium to fine grains, some larger cobble, slightly dense to soft	
					0			23				
					0			24				
					0			25				
			5		0			26				
					0			27				
					0			28				
					0			29			Bedrock, SS. Gray, very fine grained	



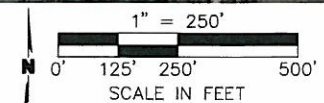
NOTE:
BASE MAP CREATED FROM
"MONITORING WELLS, RWF 342-22
LOCATION" BY BOOKCLIFF SURVEY
SERVICES, INC. DATED 6/30/2010.

LEGEND

5226.59

⊙
MW1

MONITORING WELL (WITH GW ELEVATION)



PROJECT: 010-1302

DRAWN BY: BLM

DATE: 09.20.10

POTENTIOMETRIC SURFACE MAP
RWF 33-22 & RWF 342-22
WILLIAMS PRODUCTION RMT COMPANY
GARFIELD COUNTY, COLORADO

OLSSON
ASSOCIATES

4660 TABLE MOUNTAIN DRIVE
SUITE 200
GOLDEN, CO 80403
TEL 303.237.2072
FAX 303.237.2658

FIGURE

1