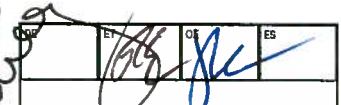




02287364

Colorado
Oil and Gas
Regulatory Commission

1700 Lincoln Street, Suite 301, 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.)

RECEIVED

FEB 8 2012

OGCC
Complete the Attachment
Checklist

OP OGCC

1. OGCC Operator Number: 96850
2. Name of Operator: Williams Production RMT Company LLC
3. Address: 1001 17th Street, Suite 1200
City: Denver State: CO Zip: 80202
4. Contact Name: Howard Harris
Phone: (303) 606-4086
Fax: (303) 629-8268

5. API Number 05-045-10469-00
6. Well/Facility Name: Clough
7. Well/Facility Number: RWF 434-21
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SWSE SEC. 21 T6S-R94W 6TH PM
9. County: Garfield
10. Field Name: Rulison
11. Federal, Indian or State Lease Number:

Survey Plat
Directional Survey
Surface Eqpm Diagram
Technical Info Page
X
X

General Notice

☐ 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:

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

☐ CHANGE SPACING UNIT

Formation

Formation Code

Spacing order number

Unit Acreage

Unit configuration

☐ Remove from surface bond

Signed surface use agreement attached

☐ CHANGE OF OPERATOR (prior to drilling):

Effective Date:

Plugging Bond:

☐ Blanket☐ Individual☐ CHANGE WELL NAME

NUMBER

From:

To:

Effective Date:

☐ ABANDONED LOCATION:

Was location ever built?

☐ Yes☐ No

Is site ready for inspection?

☐ Yes☐ No

Date Ready for Inspection:

☐ NOTICE OF CONTINUED SHUT IN STATUS

Date well shut in or temporarily abandoned:

Has Production Equipment been removed from site?

☐ Yes☐ No

MIT required if shut in longer than two years. Date of last MIT

☐ SPUD DATE:☐ REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)☐ 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

☐ RECLAMATION:

Attach technical page describing final reclamation procedures per Rule 1004.

Final reclamation will commence on approximately

☐

Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

☒ Notice of Intent

Approximate Start Date: 4/1/12

☐ Report of Work Done

Date Work Completed:

Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)

☒ Intent to Recomplete (submit form 2)☐ Request to Vent or Flare☐ E&P Waste Disposal☐ Change Drilling Plans☐ Repair Well☐ Beneficial Reuse of E&P Waste☐ Gross Interval Changed?☐ Rule 502 variance requested☐ Status Update/Change of Remediation Plans☐ Casing/Cementing Program Change☒ Other: Convert to Injection

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:

Date:

2/7/12

Email:

Howard.Harris@Williams.com

Print Name:

Howard Harris

Title:

Sr. Regulatory Specialist

OGCC Approved:

Title:

NWA E

Date:

2/28/12

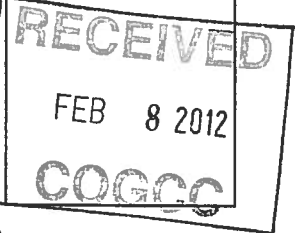
CONDITIONS OF APPROVAL, IF ANY:

See Cat's on FORM 2, recomplete &
on doc # 2121401

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY



1. OGCC Operator Number: 96850 API Number: 05-045-10469-00
2. Name of Operator: Williams Production RMT Company LLC OGCC Facility ID #
3. Well/Facility Name: Clough Well/Facility Number: RWF 434-21
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWSE 21-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 convert the subject well to injection (Water Disposal). A CIBP will be set to isolate the existing perfs and water will be injected into the upper Williams Fork. Se Attached procedure and well bore diagram for additional information. A form 2, form 26, form 31 and form 33 along with other supporting documents are also being submitted.



VPX Energy, Inc.
Injection Well Completion Procedure

Operations Summary
Well: RWF 434-21
Surf Loc: SWSE S21 T6S R94W
Field: RULISON
Production Casing: 4-1/2" 11.6# 1-80
Correlate Log: RMWS CBL - 2/4/05

Prepared By: Chris Caplis
Cell Phone: (303) 601-4884
Office Phone: (303) 606-4041
Fax: (303) 629-8282

Form 4
2287364

Date: 2/2/12

Stage Top Stage Btm Gross Int Top Perf Btm Perf Holes Gross Pay

MAX Pressure 6000 psi
RMWS Conventional Perf

Completion Procedure + Operational notes:

- 1. Contact Production guys to remove any necessary production equipment or sensors and secure well.
- 2. MIRU Service Unit. Kill well and pull 2 3/8" tubing.
Inspect for holes, kinks and scale and note depths in report.
- 3. RIH with Wireline Gauge Ring to +/- 5450 ft
If unable to get Gauge Ring on depth, RIH with bit & scraper and 2 3/8" workstring
RIH with wireline set CIBP at +/- 5390 ft.
Dump bail 2-4 sks cement on top of plug. Let Cement set overnight.
- 4. NU Frac tree, Pressure test casing to 6000 psi.
- 5. Perforate the intervals as outlined below
- 6. Perform Acid Breakdown/Ballout:

RIH with packer and 2 3/8" workstring, set at 4,915 ft, pressure test packer ~1,000 psi
Pump 1000 gals 7.5% HCl and 56, 1.1 sg, 7/8" Ball Sealers
(Pump 250 gal HCl ahead, then drop a ball every 1/3 of a bbl or 13 gals)
Recover Ball Sealers with Junk Basket Run If necessary

- 7. Open tubing to tank, RU Swab, need to recover ~100 bbis (150% of pumped fluid) to obtain a water sample for the State.
- 8. Sand Frac Interval #1 as outlined below:

Upper WF Stg 1	5013	5259	246	5013	5015	4	19	Perforations:	Use 22.7 gm, (0.35"), 120 deg, 3-1/8" EXP gun (361t)
				5035	5037	4	19	Breakdown:	Acid ballout will be pumped, so pad only here
Casing Collar Depth	5064			5123	5125	4	39	Fluids:	Water + 0.5 gpt FR66 + 0.5 gpt LS300D + 1 gal/Mlbs SW WF
Plug Type	N/A			5170	5172	4	21	Proppant:	30/50 High Crush
Job Size	646,800	Gals Sand Laden Fluid		5185	5187	4	21	Pump Schd:	0.5 ppg to 1.5 ppg SLF
Pump Rate	64	bbis/min		5239	5241	4	10	Comments:	Perform acid ballout prior to frac job
Est Pump Time	246	min		5259	5261	4	17		Overflush Btm Perf By 10 bbis
Proppant	325,000	lbs 30/50 HC							Monitor Backside Pressure on all Stages
Scale Inhibitor	177	gals							
			7 Intervals			28	146		

- 9. SI to set 8K CIBP @ 4,995 ft
- 10. Pressure test CIBP & csg to 6,000 psi with acid pumper
Perforate the intervals as outlined below
- 11. Perform Acid Breakdown/Ballout:

Pump 1000 gals 7.5% HCl and 56, 1.1 sg, 7/8" Ball Sealers
(Pump 250 gal HCl ahead, then drop a ball every 1/3 of a bbl or 13 gals)
Recover Ball Sealers with Junk Basket Run If necessary

- 12. Sand Frac Interval #2 as outlined below:

Upper WF Stg 2	4722	4945	223	4722	4723	2	7	Perforations:	Use 22.7 gm, (0.35"), 120 deg, 3-1/8" EXP gun (361t)
				4743	4745	4	12	Breakdown:	Acid ballout will be pumped, so pad only here
Casing Collar Depth	4842			4757	4758	2	6	Fluids:	Water + 0.5 gpt FR66 + 0.5 gpt LS300D + 1 gal/Mlbs SW WF
Plug Type	8K CIBP			4804	4806	4	10	Proppant:	30/50 High Crush
Job Size	391,600	Gals Sand Laden Fluid		4816	4818	4	10	Pump Schd:	0.5 ppg to 1.5 ppg SLF
Pump Rate	64	bbis/min		4916	4918	4	15	Comments:	Perform acid ballout prior to frac job
Est Pump Time	151	min		4927	4929	4	15		Overflush Btm Perf By 10 bbis
Proppant	200,000	lbs 30/50 HC		4945	4947	4	15		Monitor Backside Pressure on all Stages
Scale Inhibitor	107	gals							
			8 Intervals			28	90		

- 13. SI to set 8K CIBP @ 4,695 ft
- 14. Pressure test CIBP & csg to 6,000 psi with acid pumper
Perforate the intervals as outlined below
- 15. Perform Acid Breakdown/Ballout:

Pump 1000 gals 7.5% HCl and 56, 1.1 sg, 7/8" Ball Sealers
(Pump 250 gal HCl ahead, then drop a ball every 1/3 of a bbl or 13 gals)
Recover Ball Sealers with Junk Basket Run If necessary

- 16. Sand Frac Interval #3 as outlined below:

Upper WF Stg 3	4385	4650	265	4385	4386	3	16	Perforations:	Use 22.7 gm, (0.35"), 120 deg, 3-1/8" EXP gun (361t)
				4408	4409	2	19	Breakdown:	Acid ballout will be pumped, so pad only here
Casing Collar Depth	4445			4430	4432	4	19	Fluids:	Water + 0.5 gpt FR66 + 0.5 gpt LS300D + 1 gal/Mlbs SW WF
Plug Type	8K CIBP			4460	4462	4	47	Proppant:	30/50 High Crush
Job Size	787,600	Gals Sand Laden Fluid		4515	4517	4	16	Pump Schd:	0.5 ppg to 1.5 ppg SLF
Pump Rate	64	bbis/min		4557	4559	4	21	Comments:	Perform acid ballout prior to frac job
Est Pump Time	299	min		4601	4602	2	8		Overflush Btm Perf By 10 bbis
Proppant	395,000	lbs 30/50 HC		4650	4652	5	31		Monitor Backside Pressure on all Stages
Scale Inhibitor	216	gals							
			8 Intervals			28	177		

- 17. SI to set 8K CIBP @ 4,360 ft
- 18. Pressure test CIBP & csg to 6,000 psi with acid pumper
- 19. Perform Acid Breakdown/Ballout:

Pump 1000 gals 7.5% HCl and 56, 1.1 sg, 7/8" Ball Sealers
(Pump 250 gal HCl ahead, then drop a ball every 1/3 of a bbl or 13 gals)
Recover Ball Sealers with Junk Basket Run if necessary

- 20. Sand Frac Interval #4 as outlined below:

Upper WF Stg 4	4055	4316	261	4055	4056	4	17	Perforations:	Use 22.7 gm, (0.35"), 120 deg, 3-1/8" EXP gun (361t)
				4146	4148	4	17	Breakdown:	Acid ballout will be pumped, so pad only here
Casing Collar Depth	4268			4160	4162	4	17	Fluids:	Water + 0.5 gpt FR66 + 0.5 gpt LS300D + 1 gal/Mlbs SW WF
Plug Type	8K CIBP			4177	4179	4	17	Proppant:	30/50 High Crush
Job Size	580,800	Gals Sand Laden Fluid		4220	4222	4	20	Pump Schd:	0.5 ppg to 1.5 ppg SLF
Pump Rate	64	bbis/min		4248	4250	4	22	Comments:	Perform acid ballout prior to frac job
Est Pump Time	222	min		4316	4318	4	22		Overflush Btm Perf By 10 bbis
Proppant	290,000	lbs 30/50 HC							Monitor Backside Pressure on all Stages
Scale Inhibitor	159	gals							
			7 Intervals			28	132		

- 21. SI well after frac. Prep to MIRU Service unit, set kill plug and drill out plugs/clean out sand, land FJ tubing and packer @ 4,000 ft

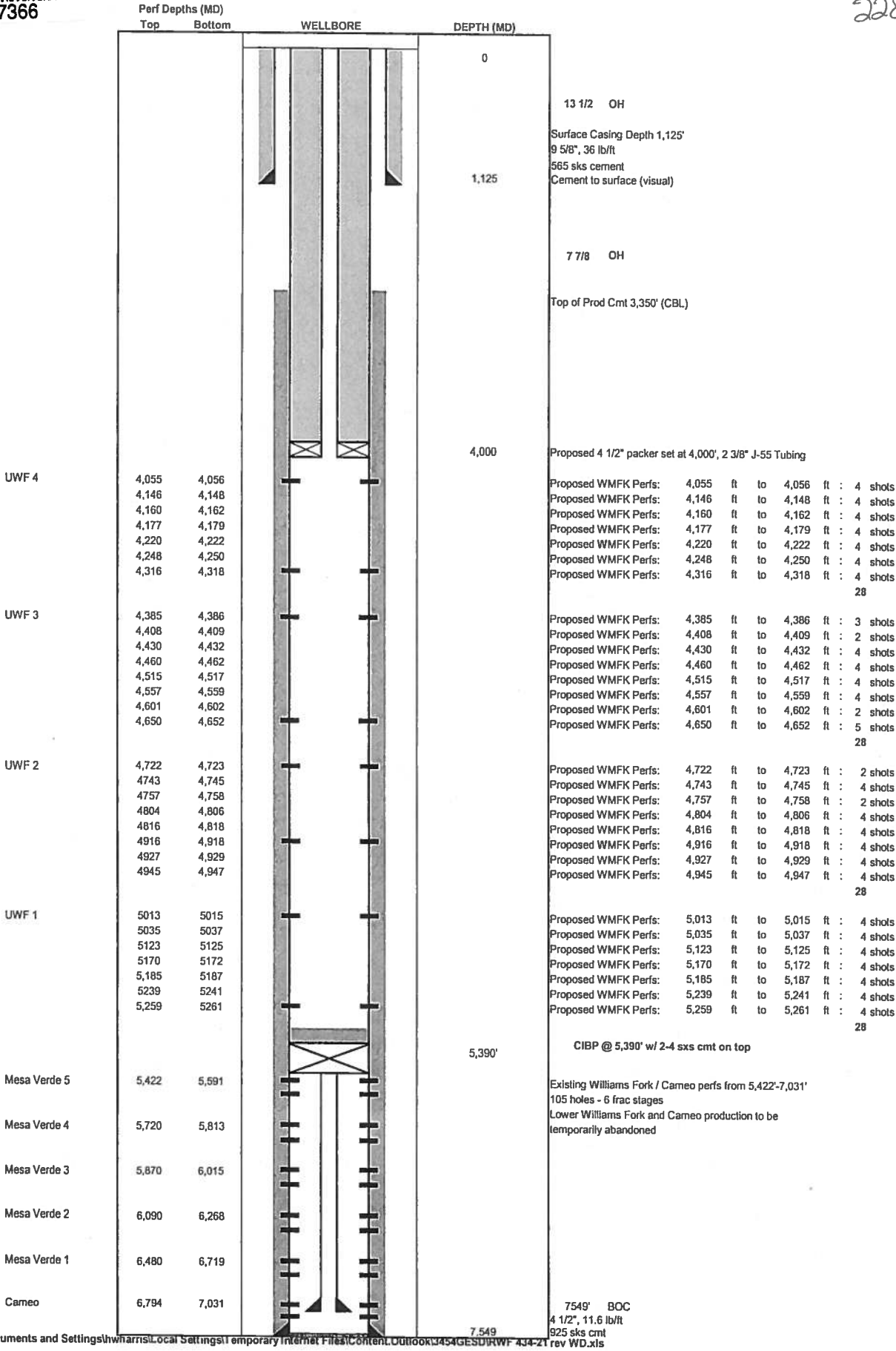
	Gals SLF	Total Scale Inhibitor	Gross Int	Stages	Sands	Holes	Gross Pay	Top of Cmt	Top of MV	Top of Gas	Tubing Depth
Well Totals	2,406,800	660	995	4	23	84	413	3350	4023	5251	4000
	Horz Rch		Max Angle	@ Depth	Max DLS	@ Depth		MD-TVD	CIBP	CBL TMD	
	562		11.1	2491	3.72	892		38	5390		



02287366

Wellbore diagram

Form 4
2287364



Krabacher, Jay



From: Onyskiw, Denise
Sent: Tuesday, February 28, 2012 1:40 PM
To: Krabacher, Jay
Cc: Andrews, David
Subject: RE: Sundries for wells to be converted to Injection

Jay,
Sundries to convert to injection can be processed by your group if they are on the west side. Just remember to make sure their procedure is to get a water sample for analysis BEFORE fracing or other stuff that may affect the integrity of the sample. If they want to do a step-rate test, they must send us the results so we can calculate the fracture gradient (but not the every-two-second data logger data). If they want to do an injectivity test, then they are limited to 10 000 bbls over ten days.

Denise

From: Krabacher, Jay
Sent: Tuesday, February 28, 2012 1:06 PM
To: Onyskiw, Denise
Cc: Andrews, David
Subject: Sundries for wells to be converted to Injection

Greetings:

“As promised” (or maybe ‘as threatened’) I will summarize our brief phone conversation regarding some Sundries sent to me from Denver COGCC recently. I believe it is because the “intent to recomplete” block is checked on these.

These are for:

Williams	045-10389	Clough RWF 623-21	2287361
Williams	045-10469	Clough RWF 434-21	2287364
Williams	045-07465	Clough RMV 215-21	2287367
Encana	045-11293	S G U 8506B F26 496	2287458

Each has apparently been reviewed and ‘passed’ by Permitting (either R E or B W initials in the Permit block). I will look at each well’s files, to check if the UIC Forms (33, 26, and 31) etc. are present.

Since I’m not sure if I should review/approve these, I’ll review anyway, but leave “in process.”

The doc #’s are in the corresponding 4th column, above.

Regards,

Jay Krabacher