

R. 97 W.

N



SCALE 1" = 1000'

T. 6 S.

LATITUDE (NAD 83)
NORTH 39.512489 DEG.
LONGITUDE (NAD 83)
WEST 108.189652 DEG.

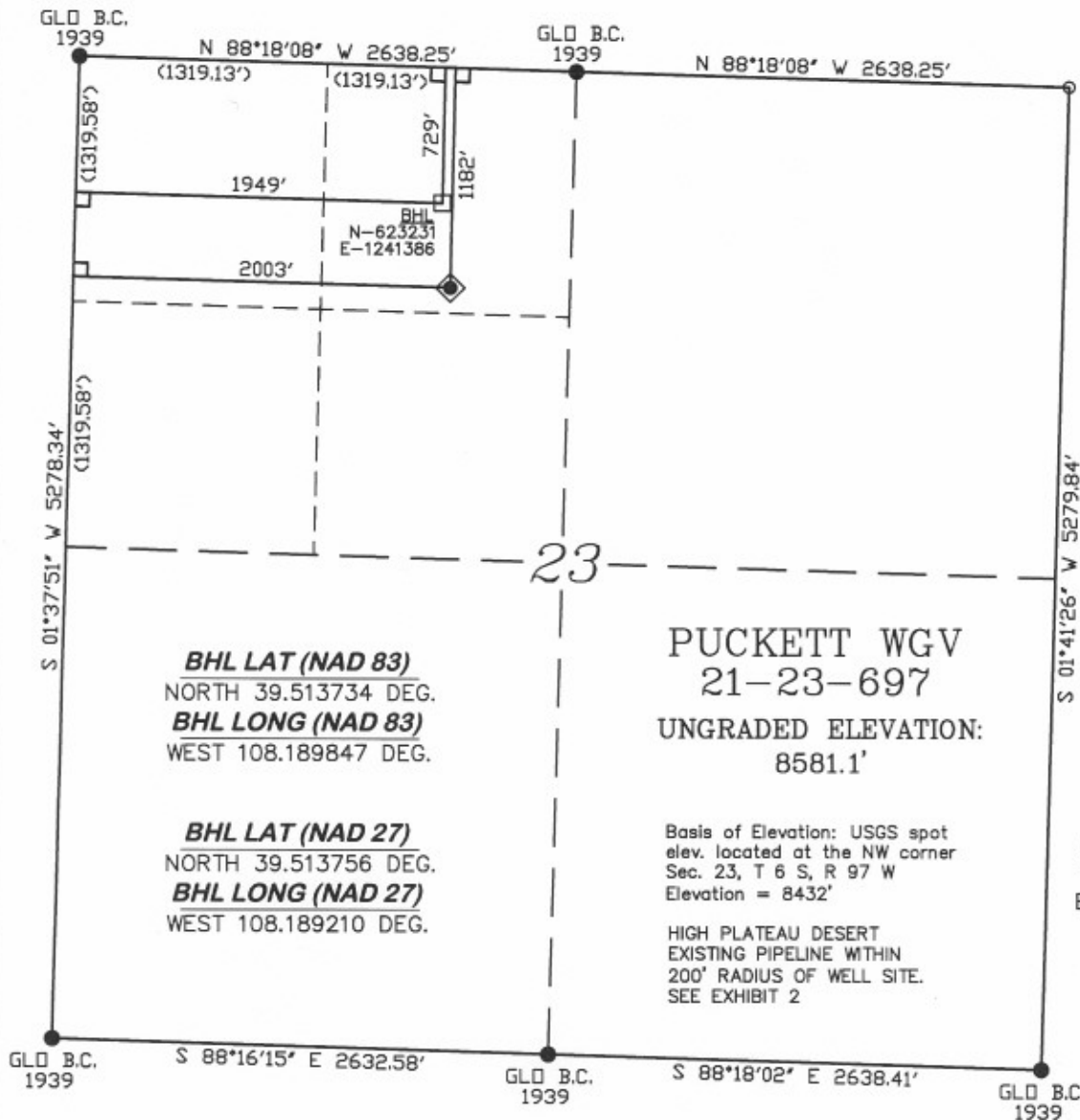
LATITUDE (NAD 27)
NORTH 39.512512 DEG.
LONGITUDE (NAD 27)
WEST 108.189015 DEG.

NORTHING
622776.22
EASTING
1241427.72

BASIS OF BEARING/DATUM
SPCS CO CENTRAL NAD 27
BASED ON NGS TRIANGULATION
STATION "OVERLOOK"

LEGEND

- ◆ WELL LOCATION
- BOTTOM HOLE (APPROX.)
- FOUND MONUMENT
- L DENOTES 90° TIE
- CALCULATED CORNER



PUCKETT WGV
21-23-697
UNGRADED ELEVATION:
8581.1'

Basis of Elevation: USGS spot
elev. located at the NW corner
Sec. 23, T 6 S, R 97 W
Elevation = 8432'

HIGH PLATEAU DESERT
EXISTING PIPELINE WITHIN
200' RADIUS OF WELL SITE.
SEE EXHIBIT 2



SURVEYOR'S STATEMENT

I, Louis A. Pence, of Rock Springs, Wyoming, hereby state: This map was made from notes taken during an actual survey under my direct supervision on NOVEMBER 26, 2006, and it correctly shows the location of PUCKETT WGV 21-23-697.

NOTES

GPS OPERATOR MARK BESSIE
OBSERVED A PDOP OF 2.1.

ALL GPS OBSERVATIONS ARE IN
COMPLIANCE WITH COGCC RULE NO. 215.

EDGE OF COUNTY RD 26 IS APPROXIMATELY
7754' FROM PROPOSED WELL BORE
SURFACE USE IS NATIVE FOREST

EXHIBIT 1



DRIFFIN & ASSOCIATES, INC.
1414 ELK ST., ROCK SPRINGS, WY 82901

**PLAT OF DRILLING LOCATION
FOR**

WILLIAMS PRODUCTION RMT COMPANY

**1182' F/NL & 2003' F/WL, SECTION 23,
T. 6 S., R. 97 W., 6th P.M.
GARFIELD COUNTY, COLORADO**

PH. (307) 362-5028

SCALE: 1" = 1000'

FAX (307) 362-1056

JOB No. 14736

REVISED DATE: 2/13/07

DATE DRAWN: 1/9/07

R. 97 W.

N



SCALE 1" = 1000'

T. 6 S.

LATITUDE (NAD 83)
NORTH 39.512450 DEG.
LONGITUDE (NAD 83)
WEST 108.189714 DEG.

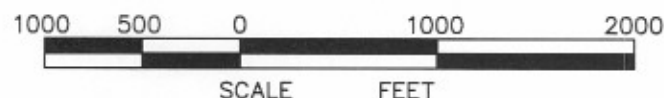
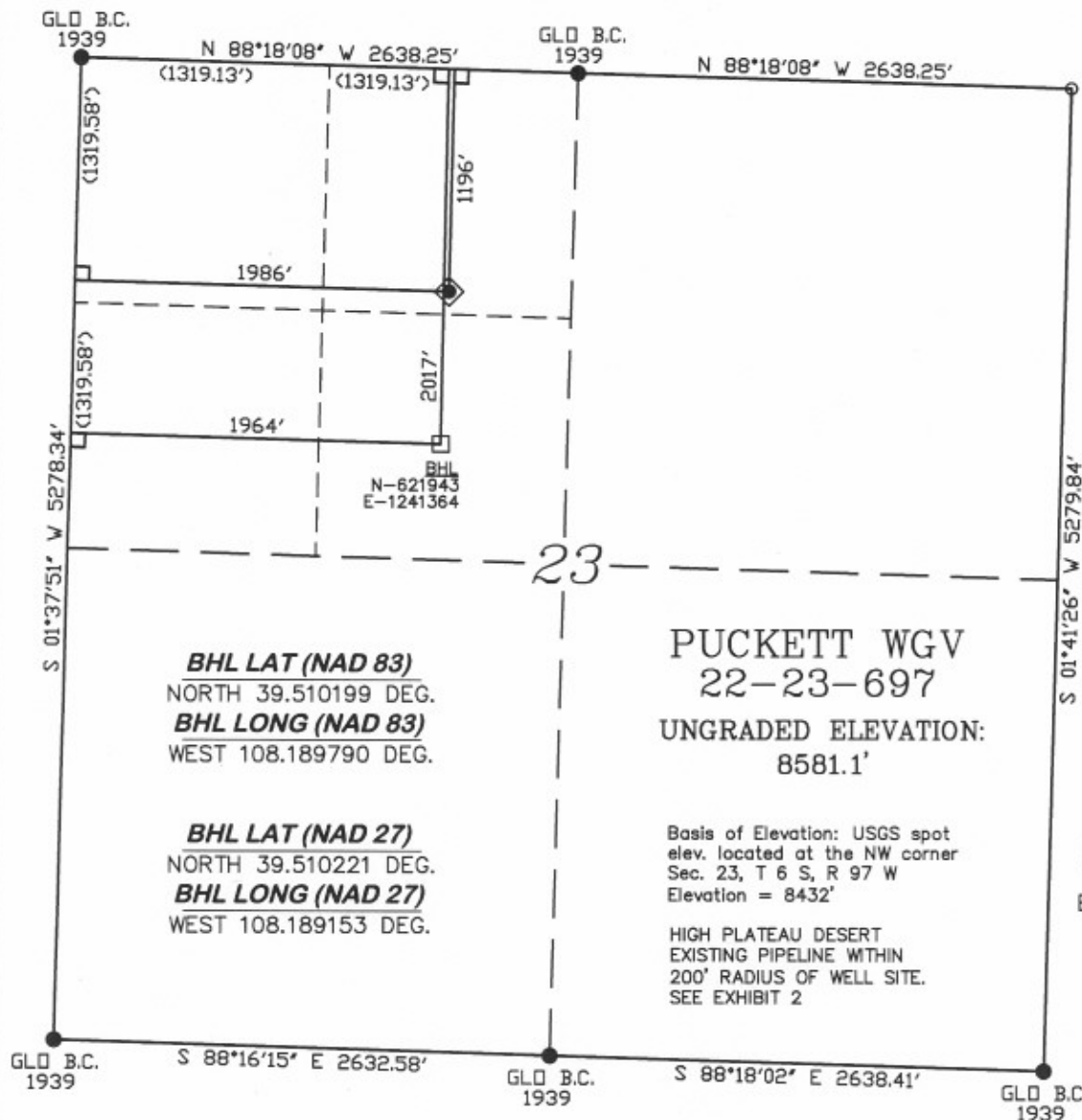
LATITUDE (NAD 27)
NORTH 39.512473 DEG.
LONGITUDE (NAD 27)
WEST 108.189077 DEG.

NORTHING
622762.52
EASTING
1241409.87

BASIS OF BEARING/DATUM
SPCS CO CENTRAL NAD 27
BASED ON NGS TRIANGULATION
STATION "OVERLOOK"

LEGEND

- ◆ WELL LOCATION
- BOTTOM HOLE (APPROX.)
- FOUND MONUMENT
- L DENOTES 90° TIE
- CALCULATED CORNER



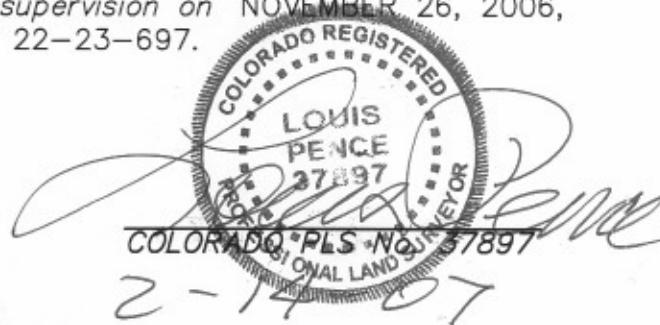
SURVEYOR'S STATEMENT

I, Louis A. Pence, of Rock Springs, Wyoming, hereby state: This map was made from notes taken during an actual survey under my direct supervision on NOVEMBER 26, 2006, and it correctly shows the location of PUCKETT WGV 22-23-697.

NOTES

GPS OPERATOR MARK BESSIE
OBSERVED A PDOP OF 2.1.
ALL GPS OBSERVATIONS ARE IN
COMPLIANCE WITH COGCC RULE NO. 215.
EDGE OF COUNTY RD 26 IS APPROXIMATELY
7754' FROM PROPOSED WELL BORE
SURFACE USE IS NATIVE FOREST

EXHIBIT 1



RIFFIN & ASSOCIATES, INC.
1414 ELK ST., ROCK SPRINGS, WY 82901

**PLAT OF DRILLING LOCATION
FOR
WILLIAMS PRODUCTION RMT COMPANY**
**1196' F/NL & 1986' F/WL, SECTION 23,
T. 6 S., R. 97 W., 6th P.M.
GARFIELD COUNTY, COLORADO**

PH. (307) 362-5028

SCALE: 1" = 1000'

FAX (307) 362-1056

JOB No. 14736

DATE DRAWN: 2/14/07

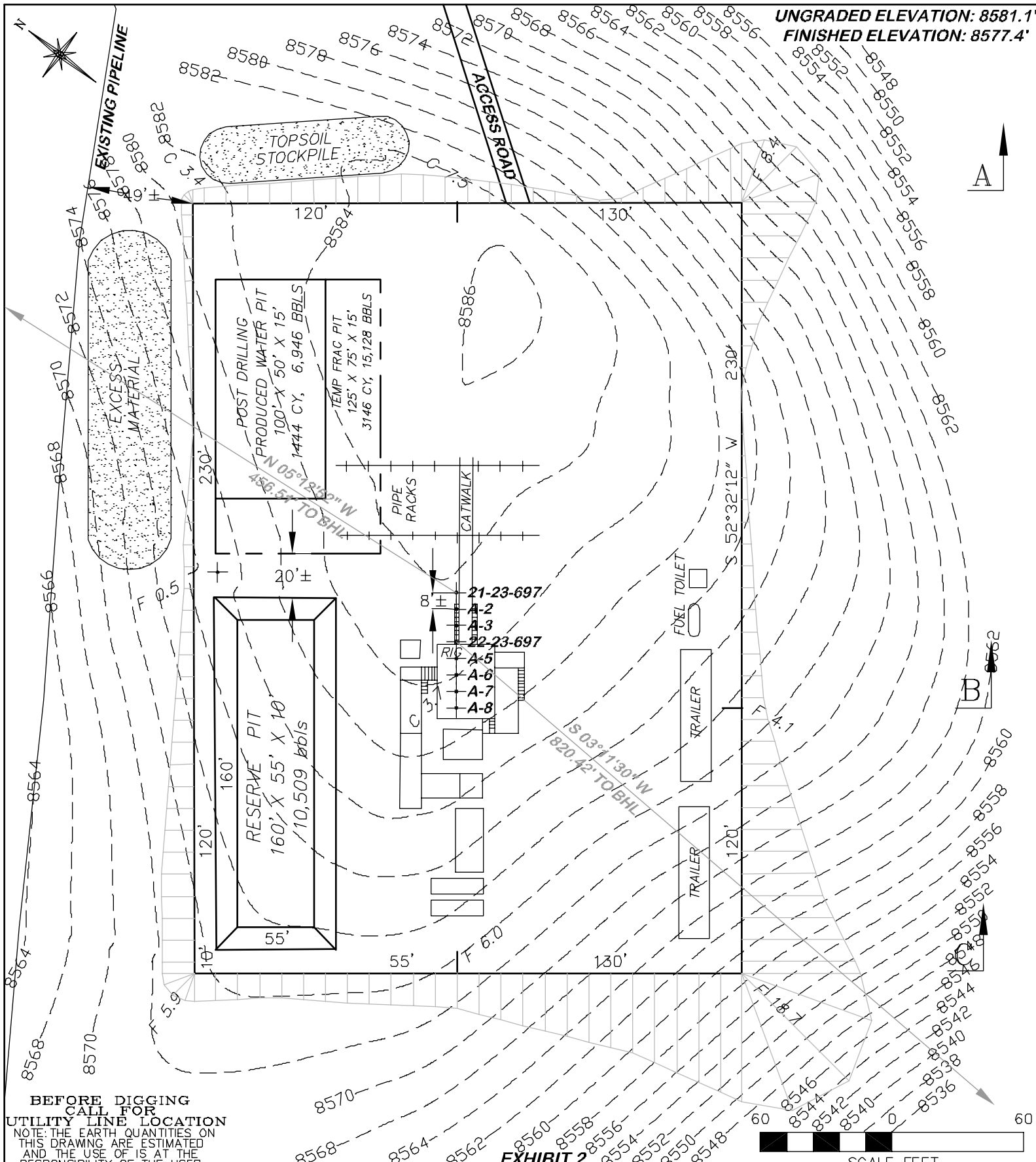


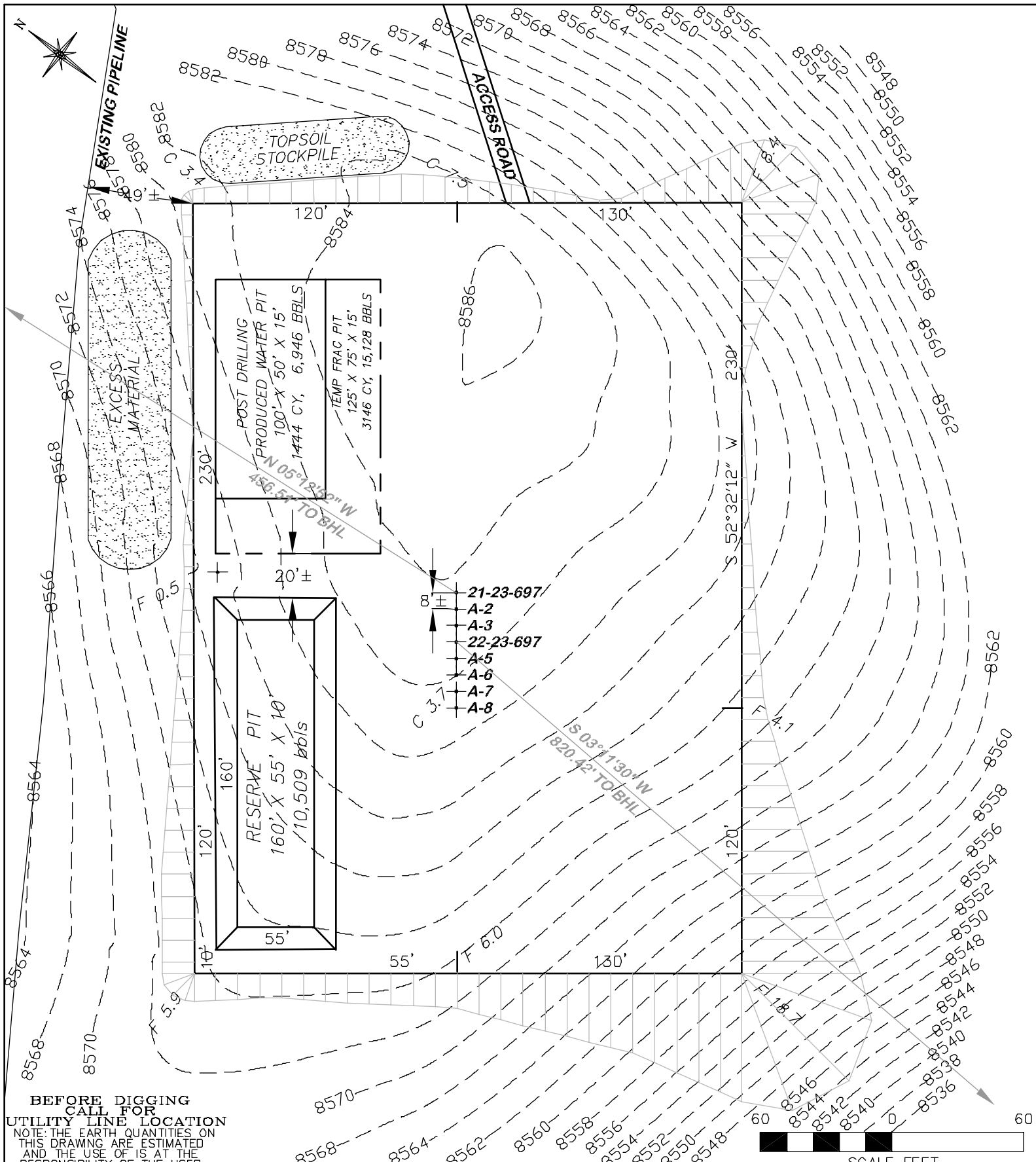
EXHIBIT 2



WILLIAMS PRODUCTION RMT COMPANY
PUCKETT WGV 21-,22-23-697

ESTIMATED EARTHWORK

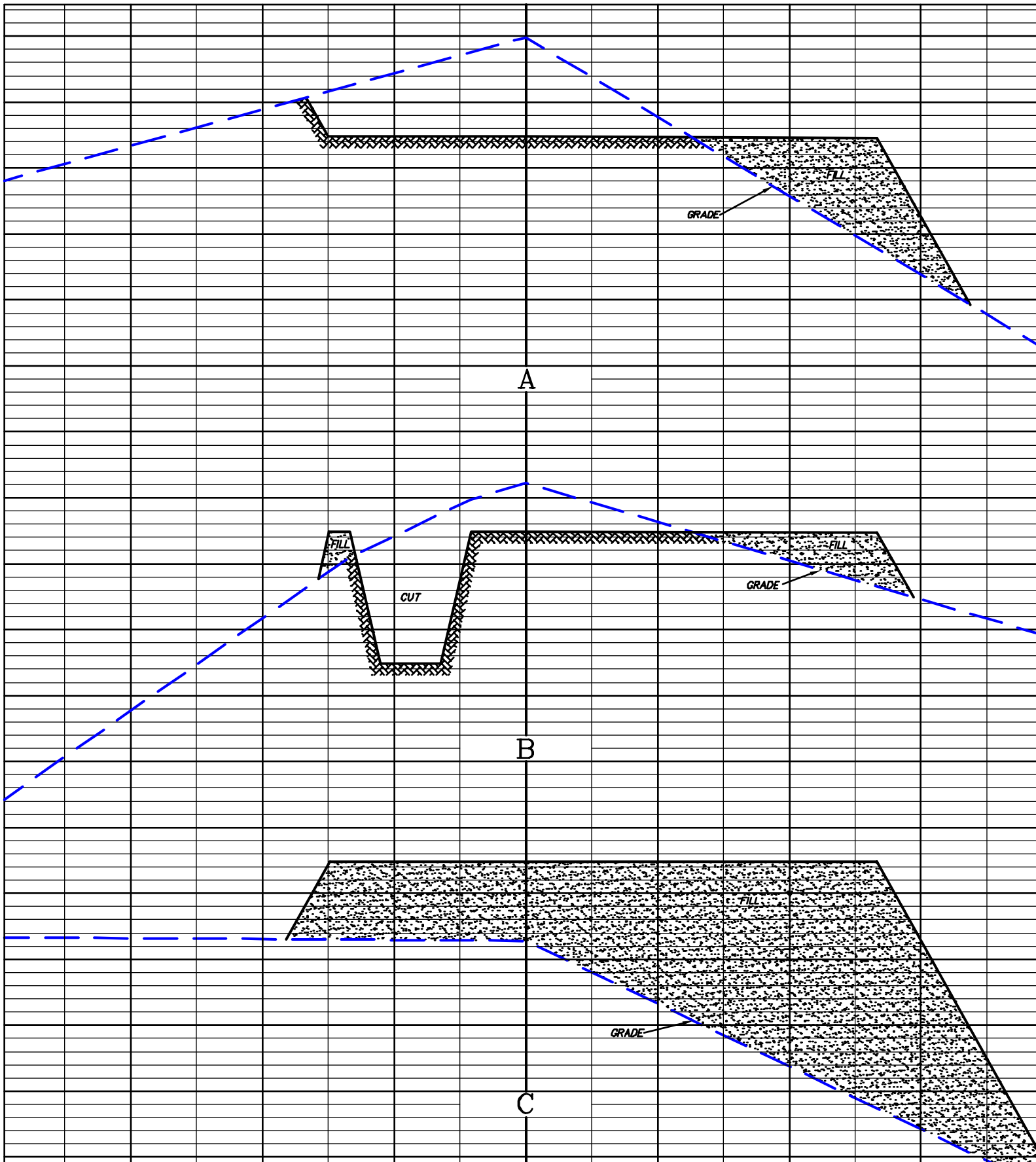
1414 ELK ST., SUITE 202 ROCK SPRINGS, WY 82901 (307) 362-5028	SCALE: 1" = 60'		ITEM	CUT	FILL	TOPSOIL	EXCESS
	JOB No. 14736		PAD	7445 CY	5735 CY	1620 CY	90 CY
	REVISED: 2/14/07		PIT	2185 CY			2185 CY
			TOTALS	9630 CY	5735 CY	1620 CY	2275 CY



DRG RIFFIN & ASSOCIATES, INC.

WILLIAMS PRODUCTION RMT COMPANY
PUCKETT WGV 21-,22-23-697

1414 ELK ST., SUITE 202 ROCK SPRINGS, WY 82901 (307) 362-5028	JOB No. 14736 REVISED: 2/14/07	SCALE: 1" = 60' EXHIBIT 2A
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DRG RIFFIN & ASSOCIATES, INC.

**WILLIAMS PRODUCTION RMT COMPANY
PUCKETT WGV 21-,22-23-697**

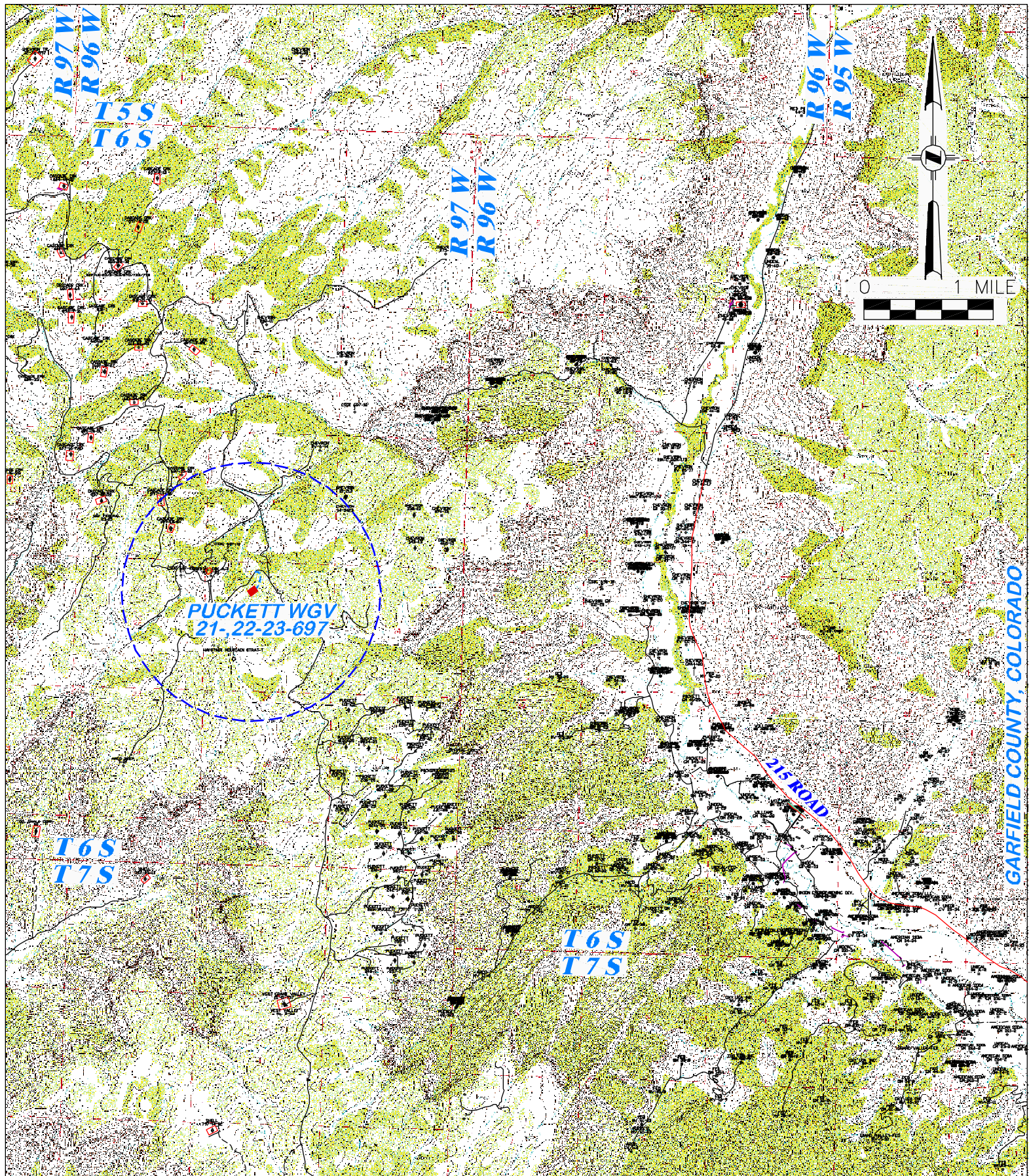
1414 ELK ST., SUITE 202
ROCK SPRINGS, WY 82901
(307) 362-5028

JOB No. 14736
REVISED: 2/14/07

HORZ. 1" = 60' VERT. 1" = 10'

UNGRADED ELEVATION: 8581.1'
FINISHED ELEVATION: 8577.4'

EXHIBIT 3



RIFFIN & ASSOCIATES, INC.

1414 ELK ST., SUITE 202
ROCK SPRINGS, WY 82901
(307) 362-5028

SCALE: 1" = 1 MILE

JOB No. 14736

REVISED: 2/14/07

**PROPOSED ACCESS FOR
WILLIAMS PRODUCTION RMT COMPANY
PUCKETT WGV 21-,22-23-697**

EXISTING ROAD



PROPOSED ROAD



EXHIBIT 5



WELL LOCATION LOOKING NORTH



WELL LOCATION LOOKING SOUTH



WELL LOCATION LOOKING EAST



WELL LOCATION LOOKING WEST



ACCESS ROAD AT TAKE-OFF



ACCESS ROAD AT PAD



1414 ELK ST., SUITE 202
ROCK SPRINGS, WY 82901
(307) 362-5028

JOB No. 14736

REVISED: 2/14/07

LOCATION PICTURES
WILLIAMS PRODUCTION RMT COMPANY
PUCKETT WGV 21-,22-23-697

EXHIBIT 6

**WILLIAMS PRODUCTION RMT COMPANY
PUCKETT WGV 21-,22-23-697
SEC. 23, T 6 S, R 97 W, 6th P.M.
GARFIELD COUNTY, COLORADO**

Beginning at the town of DeBeque, Colorado; travel Northwesterly on County Road 204 for 5.4 miles to an existing access road. Turn right and travel this road for 16.9 miles to the proposed access road. Turn left and travel Southerly 0.2 miles to the location.

LOCATION RELEASE

TO: Blake Roush

FROM: Jim Schaff

DATE: June 25, 2007

Operator: Williams Production RMT Company

Prospect: West Grand Valley

RE: Well Name: Puckett WGV 21-23-697

Location: NENW 23-T6S-R97W

Area: West Grand Valley

County: Garfield

State: Colorado

AFE #: see note below

Federal Lease No.: N.A.

State Lease No.: N.A.

Fee Lease Name: Atlantic Richfield Company (#354)

Surface Owner: Puckett Land Company

Mineral Interest Owner: Puckett Land Company

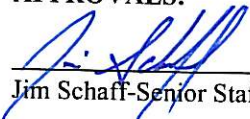
WPC WI: 100.00000%

Released for Staking and Permitting YES

Released for Roads and Location (dirt work) YES

Released for Drilling NO

APPROVALS:


Jim Schaff-Senior Staff Landman

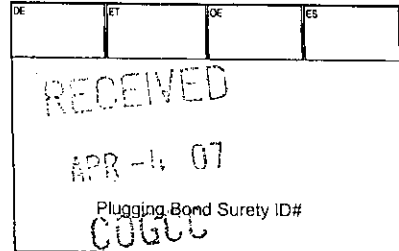
6-25-07
Date

COMMENTS:

TITLE/ECONOMIC/BUSINESS RISKS:

Parachute Operations Personnel: 1) Be mindful of the location of any easements, roads, railroad rights-of-way, reservoirs, ditches or laterals, monumentation for mining claims, or the existence of mining operations located on or near the captioned lands. 2.) Be mindful of any grazing leases, timber leases or recreational leases which may encumber the captioned lands. 3) Ensure operations are in accordance with surface provisions contained in the lease. 4) Note pipeline easement in favor of Orion Energy Partners traversing the N/2 of Section 23. 5) Note 50' pipeline easement in favor of Bargath traversing W/2NW/4 of Section 23. 6) Note pipeline easement in favor of Bargath traversing W/2 and NW/4NW/4 of Section 23. 7) Note pipeline easement in favor of Northwest Pipeline Corporation traversing Section 23. 8) Verbal approval given by Puckett to build location.

Note: Puckett WGV 21-23-697 (62196005) and Puckett WGV 22-23-697 (62196012) will be drilled from this pad in 2007.



1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL
OIL ☐ GAS ☒ COALBED ☐ OTHER: ☐
SINGLE ZONE ☐ MULTIPLE ZONES ☐ COMMINGLE ZONES ☐

Refilling ☐
Sidetrack ☐

3. Name of Operator: Williams Production RMT Company 4. COGCC Operator Number: 96850
5. Address: 1515 Arapahoe St., Tower 3, #1000
City: Denver State: CO Zip: 80202
6. Contact Name: Howard Harris Phone: 303-606-4086 Fax: 303-629-8285
7. Well Name: Puckett Well Number: WGV 21-23-697
8. Unit Name (if appl):
9. Proposed Total Measured Depth: 9296

Complete the Attachment Checklist		OP	COGCC
APD Orig & 1 Copy		X	
Form 2A		X	
Well location plat		X	
Topo map		X	
Mineral lease map		X	
Surface agrmt/Surety		X	
30 Day notice letter		X	
Deviated Drilling Plan		X	
Exception Location Request			
Exception Loc Waivers			
H2S Contingency Plan			
Federal Drilling Permit			

10. QtrQtr: NENW Sec: 23 Twp: 6S Rng: 97W Meridian: 6th P.M.
Latitude: 39.512489 Longitude: 108.189652
Footage At Surface: 1182 FNL 2003 FWL
11. Field Name: Grand Valley Field Number: 31290
12. Ground Elevation: 8581 13. County: Garfield

14. GPS Data:
Date of Measurement: 11/26/2006 PDOP Reading: 2.1 Instrument Operator's Name: Mark Bessie

15. If well is: ☒ Directional ☐ Horizontal (highly deviated), submit deviated drilling plan. Bottomhole Sec Twp Rng: NENW 23-T6S-R97W
Footage At Top of Prod Zone: 729 FNL 1949 FWL At Bottom Hole: 729 FNL 1949 FWL

16. Is location in a high density area (Rule 603b)? ☐ Yes ☒ No
17. Distance to the nearest building, public road, above ground utility or railroad: Aprox 7754' (CR 26) (WGV 22-23-697 permit Submitted)
18. Distance to Nearest Property Line: Aprox 1182' SHL 19. Distance to nearest well permitted/completed in the same format: Aprox 1256' From BHL

LEASE, SPACING AND POOLING INFORMATION				
Objective Formation(s)	Formation Code	Spacing Order Number (s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
Williams Fork	WMFK	510-20 (10 Acre Density)	160	NW/4

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #
22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian
23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#
23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☐ No
23b. If 23 is No: ☒ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond
24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):
See Attached
25. Distance to Nearest Mineral Lease Line: Aprox 729' BHL 26. Total Acres in Lease: Aprox 9180

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.
28. Will salt sections be encountered during drilling? ☐ Yes ☒ No
29. Will salt (>15,000 ppm TDS Cl) or oil based muds be used during drilling? ☐ Yes ☒ No
30. If questions 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☒ No If 28, 29 or 30 are "Yes" a pit permit may be required.
31. Mud disposal: ☐ Offsite ☒ Onsite
Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility ☒ Other: Evaporation and Backfilling

NOTE: The use of an earthen pit for Recomplete fluids requires a pit permit (Rule 905b.) If air/gas drilling, notify local fire officials.

String	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
Surface	14 3/4"	9 5/8"	32.3# & 36#	2746	Circ Cmt to Sfc	2746	Surface
Production	7 7/8"	4 1/2"	11.6#	9253	Cmt 200' above uppermesaverde sand		

32. BOP Equipment Type: ☒ Annular Preventor ☒ Double Ram ☐ Rotating Head ☐ None
33. Comments

34. Initial Rule 306 Consultation took place on (date) 3/23/07, was waived, or is not required. Provide supporting documentation if consultation has been waived or if good faith effort did not result in consultation.
PERMIT SUBMITTED TO COGCC PRIOR TO COMPLIANCE WITH RULE 306 CONSULTATION SHALL BE RETURNED UNAPPROVED.
I hereby certify that a complete permit package has been sent to the applicable Local Government Designee(s), and all statements made in this form are, to the best of my knowledge, true, correct, and complete.
Signed: Howard Harris Print Name: Howard Harris
Title: Sr. Engineering Technician Date: 4/2/07 Email: Howard.Harris@Williams.com

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.
COGCC Approved: *Shirley Mack* Director of COGCC Date: 05-15-07
Permit Number: 20071691 Expiration Date: 05-14-08

API NUMBER
05-045-14154-00

CONDITIONS OF APPROVAL, IF ANY:

SEE ATTACHED PAGES:
CONDITIONS OF APPROVAL AND
NOTICE TO OPERATORS

State
Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone (303)894 2100 Fax (303)894 2109

DE	ET	OE	ES
RECEIVED			
APR -1, 07			
20030107			
Plugging Bond Surety ID#			
COGCC			

APPLICATION FOR PERMIT TO

1 ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate2 TYPE OF WELL
OIL ☐ GAS ☒ COALBED ☐ OTHER ☐
SINGLE ZONE ☐ MULTIPLE ZONES ☐ COMMINGLE ZONES ☐Refiling ☐
Sidetrack ☐Complete the
Attachment Checklist

3 Name of Operator Williams Production RMT Company	4 COGCC Operator Number 96850	OP	COGCC
5 Address 1515 Arapahoe St, Tower 3, #1000	APD Ong & 1 Copy	X	
City Denver State CO Zip 80202	Form 2A	X	
6 Contact Name Howard Harris Phone 303-606-4086 Fax 303-629-8285	Well location plat	X	
7 Well Name Puckett Well Number WGV 21 23-697	Topo map	X	
8 Unit Name (if appl)	Mineral lease map	X	
9 Proposed Total Measured Depth 9296	Surface agrmt/Surety	X	
WELL LOCATION INFORMATION		30 Day notice letter	X
10 QtrQtr NENW Sec 23 Twp 6S Rng 97W Meridian 6th P M	Deviated Drilling Plan	X	
Latitude 39 512489 Longitude 108 189652	Exception Location Request		
Footage At Surface 1182 FNL 2003 FWL	Exception Loc Waivers		
11 Field Name Grand Valley Field Number 31290	H2S Contingency Plan		
12 Ground Elevation 8581 13 County Garfield	Federal Drilling Permit		
14 GPS Data			
Date of Measurement 11/26/2006 PDOP Reading 2.1 Instrument Operator's Name Mark Bessie			

15 If well is <input checked="" type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated), submit deviated drilling plan Bottomhole Sec Twp Rng NENW 23-T6S-R97W	FNL/FSL	FEL/FWL	FNL/FSL	FEL/FWL
Footage At Top of Prod Zone 729 FNL 1949 FWL At Bottom Hole 729 FNL 1949 FWL				
16 Is location in a high density area (Rule 603b)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
17 Distance to the nearest building, public road, above ground utility or railroad Approx 7754' (CR 26)				
18 Distance to Nearest Property Line Approx 1182' SHL	19 Distance to nearest well permitted/completed in the same format	Approx 1256' From BHL		

20 LEASE, SPACING AND POOLING INFORMATION				
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Williams Fork	WMFK	510-20 (10 Acre Density)	160	NW/4
21 Mineral Ownership <input checked="" type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian Lease #				
22 Surface Ownership <input checked="" type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian				
23 Is the Surface Owner also the Mineral Owner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Surface Surety ID#				
23a If 23 is Yes Is the Surface Owner(s) signature on the lease? <input type="checkbox"/> Yes <input type="checkbox"/> No				
23b If 23 is No <input checked="" type="checkbox"/> Surface Owners Agreement Attached or <input type="checkbox"/> \$25,000 Blanket Surface Bond <input type="checkbox"/> \$2,000 Surface Bond <input type="checkbox"/> \$5,000 Surface Bond				
24 Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer)				
See Attached				
25 Distance to Nearest Mineral Lease Line Approx 729' BHL 26 Total Acres in Lease Approx 9180				

27 Is H2S anticipated? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, attach contingency plan							
28 Will salt sections be encountered during drilling? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
29 Will salt (>15,000 ppm TDS Cl) or oil based muds be used during drilling? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
30 If questions 27 or 28 are yes, is this location in a sensitive area (Rule 903)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If 28, 29 or 30 are "Yes" a pit permit may be required							
31 Mud disposal <input type="checkbox"/> Offsite <input checked="" type="checkbox"/> Onsite							
Method <input type="checkbox"/> Land Farming <input type="checkbox"/> Land Spreading <input type="checkbox"/> Disposal Facility <input checked="" type="checkbox"/> Other Evaporation and Backfilling							
NOTE The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b) If air/gas drilling, notify local fire officials							
String	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
Surface	14 3/4"	9 5/8"	32 3# & 36#	2746	Circ Cmt to Slc	2746	Surface
Production	7 7/8"	4 1/2"	11 6#	9253	Cmt 200' above uppermesaverde sand		
Stage Tool							
32 BOP Equipment Type <input checked="" type="checkbox"/> Annular Preventor <input checked="" type="checkbox"/> Double Ram <input type="checkbox"/> Rotating Head <input type="checkbox"/> None							
33 Comments							
34 Initial Rule 306 Consultation took place on (date) 3/23/07, was waived, or is not required Provide supporting documentation if consultation has been waived or if good faith effort did not result in consultation							
PERMIT SUBMITTED TO COGCC PRIOR TO COMPLIANCE WITH RULE 306 CONSULTATION SHALL BE RETURNED UNAPPROVED							
I hereby certify that a complete permit package has been sent to the applicable Local Government Designee(s), and all statements made in this form are, to the best of my knowledge, true, correct, and complete							
Signed Howard Harris				Print Name Howard Harris			
Title Sr Engineering Technician				Date 4/2/07 Email Howard.Harris@Williams.com			

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved

COGCC Approved Jim Mack Director of COGCC Date 05-15-07
Permit Number 20071691 Expiration Date 05-14-08API NUMBER
05-045-14154-00

CONDITIONS OF APPROVAL, IF ANY

SEE ATTACHED PAGES
CONDITIONS OF APPROVAL AND
NOTICE TO OPERATORS

PUCKETT WGV 2/ 23-697

CONDITIONS OF APPROVAL

THE OPERATOR SHALL COMPLY WITH RULE 321 , AND IT SHALL BE THE OPERATOR'S RESPONSIBILITY TO ENSURE THAT THE WELLBORE COMPLIES WITH SETBACK REQUIREMENTS IN COMMISSION ORDERS OR RULES PRIOR TO PRODUCING THE WELL

24 HOUR SPUD NOTICE REQUIRED SEE NEW NOTICE GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS APPLIES TO THIS WELL. ALL NOTIFICATION VIA E-MAIL JAIME ADKINS@STATE CO US

THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1 MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES THE DEEPEST WATER WELL WITHIN 1 MILE IS 120 FEET DEEP

PRODUCTION CASING TOP OF CEMENT MUST BE VERIFIED WITH CBL

NOTICE TO ALL OPERATORS
DRILLING WILLIAMS FORK FORMATION WELLS IN GARFIELD COUNTY
SURFACE CASING DEPTH AND MODIFICATION OF LEAKOFF TEST REQUIREMENTS
JUNE 23, 2006 (Amends May 3, 2001 Notice)

Based on the evaluation of the leakoff test data, drilling histories and reservoir parameters for Williams Fork Formation wells in Garfield County, the surface casing setting depth requirements specified in the September 22, 1998 policy statement amended May 3, 2001 will remain in effect. Surface casing leakoff tests will be performed at the discretion of the operator with the exception of additional leakoff test requirements that may apply in the Grand Valley Field as required by an earlier notice. The following conditions are to be attached to all Permits-to-Drill for Williams Fork Formation or deeper gas wells in Garfield County.

The following shall be required in the Rulison Field Overpressured Area

- 1 The Rulison Field Overpressured Area is defined as (see attached map)
Township 6 South, Range 94 West, Sections 9, 15-23, 26-35
Township 7 South, Range 94 West, Sections 2-6, 8-10, 11, 15, 16
- 2 Surface casing must be set at a minimum depth of 1100 feet

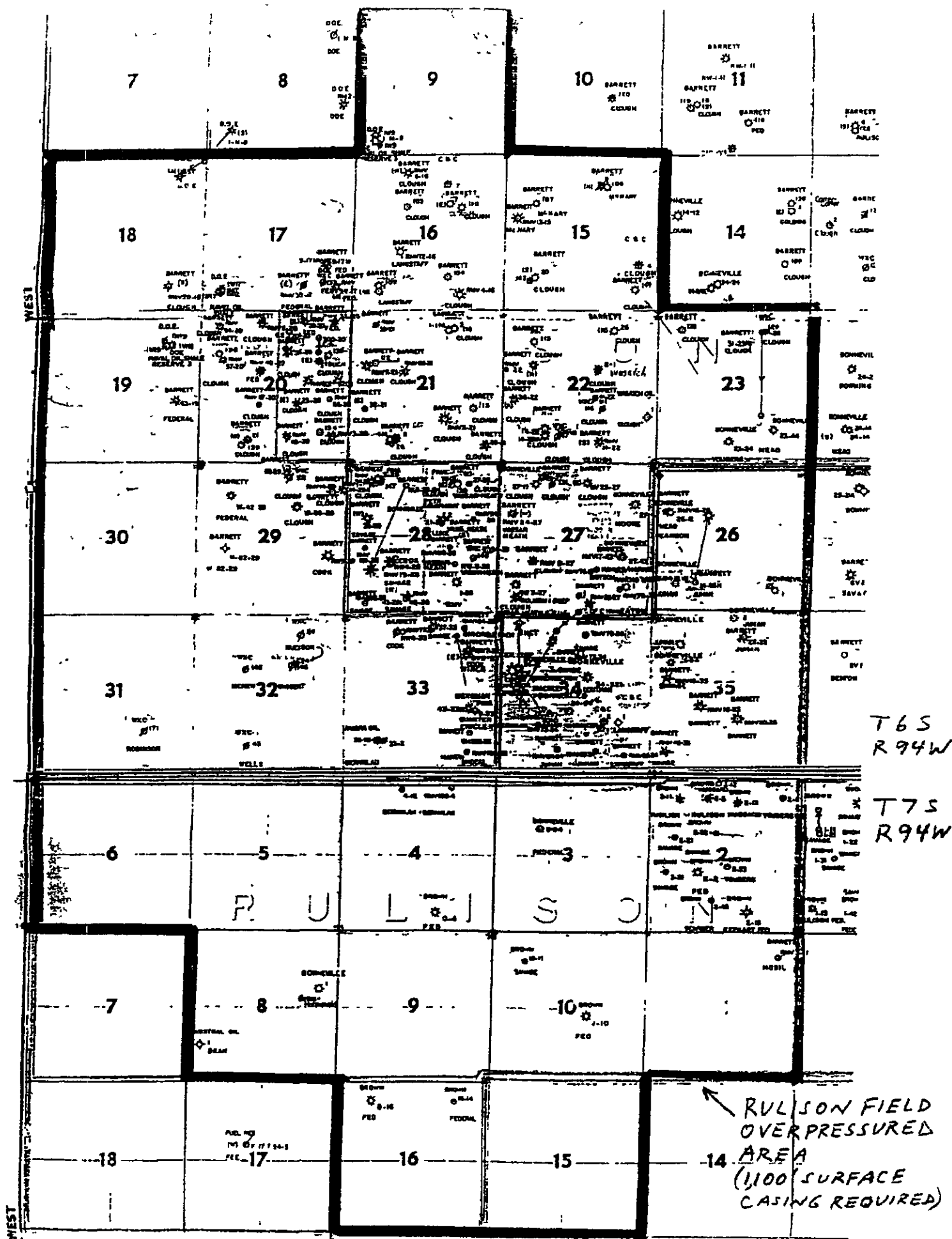
The following shall be required in all fields in Garfield County

- 1 Notify the COGCC Northwest Area Engineer 24 hours prior to commencing wellsite construction, setting of conductor pipe, well spudding, running all casing and any cementing operations so that COGCC staff may have the opportunity to witness. All notification shall be given via e-mail whenever possible.
- 2 Surface casing shall be set at a minimum depth of ten percent (10%) of the total depth of the well.
- 3 All lost circulation zones, gas kicks and water flows shall be reported to the COGCC Northwest Colorado Area Engineer as soon as feasible within twenty-four (24) hours of occurrence.
- 4 Significant lost circulation shall be defined as a mud loss in excess of 100 barrels and which requires shut down of operations for an hour or longer to pump lost circulation material and rebuild pit volume. The following data is required: depth, mud volume lost, whether or not a kick ensued, mud weights before and after lost circulation, and procedures used to regain circulation.
- 5 A significant kick shall be defined as one that is managed by shutting in the well to circulate out the kick or that is managed by going on choke and requiring an increase in mud weight exceeding 3/10ths of one pound per gallon to control. The following data is required: date and time of the kick, total depth of the well at the time of the kick, surface casing depth, size and cementing data, initial and final mud weights, shut in drill pipe pressure, shut in casing pressure, or any other pressure measurement or information used to determine the mud weight necessary to control the kick.
- 6 The depth, rate and mud weight on all water flows must be reported.
- 7 Upon completion of the primary cementing operation, the annular fluid level around the production casing shall be monitored for a minimum of 4 hours after cementing. Operators shall maintain the ability to monitor the annular fluid level and keep the hole full. The amount of mud that is used to keep the hole full shall be recorded. If mud volumes in excess of twenty (20) barrels are necessary to keep the hole full, the loss of fluid shall be reported to the COGCC immediately.

For all notifications contact COGCC Northwest Area Colorado Area Engineer Jaime Adkins via e-mail at jaime.adkins@state.co.us or in urgent cases at 970-285-9000(O), 970-250-2440(C).

Thank you for cooperating with these requirements.

Brian Macke, Director



RECEIVED
APR -4 07
COGCC

**WILLIAMS PRODUCTION RMT COMPANY
PUCKETT WGV 21-,22-23-697
SEC. 23, T 6 S, R 97 W, 6th P.M.
GARFIELD COUNTY, COLORADO**

Beginning at the town of DeBeque, Colorado; travel Northwesterly on County Road 204 for 5.4 miles to an existing access road Turn right and travel this road for 16.9 miles to the proposed access road. Turn left and travel Southerly 0.2 miles to the location.



State of Colorado
Oil and Gas Conservation Commission

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



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COGCC

DRILL SITE/ACCESS ROAD RECLAMATION FORM

This form shall be submitted in duplicate with the application for permit-to-drill (OGCC Form 2) unless a Federal 13-point surface plan is included. Also required are a minimum of two photographs (site and access road). Soil and plant community information from United States Natural Resources Conservation Services (USNRCS).

1 OGCC Operator Number <u>96850</u>		4 Contact Name and Telephone <u>Howard Harris</u>		Complete the Attachment Checklist <table border="1"> <tr> <th></th> <th>Oper</th> <th>OGCC</th> </tr> <tr> <td>Drill site and access photographs</td> <td>X</td> <td></td> </tr> <tr> <td>COE Section 404 documentation</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>			Oper	OGCC	Drill site and access photographs	X		COE Section 404 documentation											
	Oper	OGCC																					
Drill site and access photographs	X																						
COE Section 404 documentation																							
2 Name of Operator <u>Williams Production RMT Company</u>		No <u>(303) 606-4086</u>																					
3 Address <u>1515 Arapahoe Street, Tower 3, Suite 1000</u>		Fax <u>(303) 629-8285</u>																					
City <u>Denver</u>	State <u>CO</u>	Zip <u>80202</u>																					
5 Well Name and No <u>Puckett WGV 21-23-697</u>		6 County <u>Garfield</u>																					
7 Location (QtrQtr, Sec, Twp, Rng, Meridian) <u>NWNW 23 6S 97W 6th P M</u>																							

Pre-Drilling Information
Current Land Use

8 Crop Land	<input type="checkbox"/> Irrigated	<input type="checkbox"/> Dry Land	<input type="checkbox"/> Improved Pasture	<input type="checkbox"/> Hay Meadow	<input type="checkbox"/> CRP
9 Non-crop land	<input checked="" type="checkbox"/> Rangeland	<input type="checkbox"/> Timber	<input type="checkbox"/> Recreational	<input type="checkbox"/> Other (describe) <u>Native Pasture</u>	
10 Subdivided	<input type="checkbox"/> Industrial	<input type="checkbox"/> Commercial	<input type="checkbox"/> Residential		

Attach color photographs of drill site and access road; identify each photo by date, well name and location.

Soils

11 Soil map units from USNRCS survey Sheet No <u>24</u>	Soil Complex/Series No <u>67</u>
Soils Series name <u>Tosca Channery Loam</u>	Horizon thickness (in inches): A <u>0-8"</u> , B <u>8-15"</u> , C <u>15-24"</u>
<u>25 to 80% Slopes</u>	Horizon thickness (in inches): A <u></u> , B <u></u> , C <u>24-60"</u>
Soils Series name <u></u>	Horizon thickness (in inches): A <u></u> , B <u></u> , C <u></u>
<u></u>	Horizon thickness (in inches): A <u></u> , B <u></u> , C <u></u>

Plant Community

Complete this section only if operations are to be conducted upon non-crop land

12 Plant species from ☐ USNRCS or ☒ Field Observation Date of Observation 11/26/06

List individual species

13 Check one predominant plant community for the drill site

☐ Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye, Thistle)

☐ Grassland (Bluestem, Grama, Wheatgrass, Buffalograss, Fescue, Oatgrass, Brome)

☒ Shrub and Brush Land (Mahogany, Oak, Sage, Serviceberry, Chokecherry)

☐ Plains Deciduous Riparian (Cottonwood, Willow, Aspen, Maple, Poplar, Russian Olive, Tamarisk)

☐ Mountain Conifer Riparian (Spruce, Fir, Ponderosa Pine)

☐ Evergreen Forest Land (Spruce, Fir, Ponderosa Pine, Lodgepole Pine, Juniper, Pinyon)

☐ Aquatic (Bullrush, Sedges, Cattail, Arrowhead)

☐ Tundra (Alpine, Willow, Currant, Raspberry)

Other (describe)

14 Was an Army Corps of Engineers Section 404 Permit filed? ☐ Yes ☒ No If yes, attach appropriate documentation

Comments

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access road, that I am familiar with the conditions which presently exist, that the statements made in this form are, to the best of my knowledge, true, correct, and complete

Print Name Howard Harris

Signed Howard Harris Title Sr Engineering Technician Date 4/2/07



DE RB ET OF ES

State of Colorado
Oil and Gas Conservation Commission

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

DRILLING COMPLETION REPORT

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This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report). If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Complete the
Attachment Checklist

1 OGCC Operator Number 96850		4 Contact Name Angela J Neifert		OP	OGCC
2 Name of Operator Williams Production RMT Company		Phone (303) 606-4398			
3 Address 1515 Arapahoe St, Tower 3, Suite 1000 City Denver State CO Zip 80202		Fax (303) 629-8285			
5 API Number 05-045-14154-00		6 County Garfield		Logs	
7 Well Name PUCKETT		Well Number WGV 21-23-697		Directional Survey** X	
8 Location (QtrQtr, Sec, Twp, Rng, Meridian) NENW Sec 23-T6S-R97W				DST Analysis	
Footage at surface 1182' FNL 2003' FWL				Core Analysis	
As Drilled Latitude WAITING ON AS BUILTS		As Drilled Longitude		Cmt summary*	
Date of Measurement		GPS Instrument Operator's Name			
** If directional, footage at Top of Prod Zone 742' FNL 1944' FWL		Sec, Twp, Rng NENW Sec 23-T6S-R97W			
** If directional, footage at Bottom Hole 740' FNL 1934' FWL		Sec, Twp, Rng NENW Sec 23-T6S-R97W			
9 Field Name Grand Valley		10 Field Number 31290		15 Well Classification	
11 Federal, Indian or State Lease Number				Dry Oil X Gas	
12 Spud Date (when the 1st bit hit the dirt) 9/14/2007		13 Date TD 9/24/2007		Coalbed Disposal	
		14 Date Casing Set or D&A 9/25/2007		Stratigraphic	
16 Total Depth MD 9260' TVD** 9238'		17 Plug Back Total Depth MD 9140' TVD**		Enhanced Recovery	
18 Elevations GR 8581' KB 8598'		One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available		Gas Storage	
				Observation	
				Other	
19 List Electric Logs Run CBL, Reservoir Monitor Tool Elite, M.U.O					

20

CASING, LINER and CEMENT

*If Cement Bond Log was not run, submit contractor's cement job summary for each string cemented

String	Hole Size	Csg/Liner Size	Csg/Liner Top	Csg/Tool Setting Depth	Number of sacks cmt	Cement Top	Cement Bottom	CBL*	Calculated*
Conductor	24"	18"	48#	45'	25	Surface	45'		Visual
Surface	13 1/2"	9 5/8"	Surface	2771'	1539	SFC	2771'		Visual
Production	7 7/8"	4 1/2"	Surface	9281'	825	6300'	9281'	X	
Stage, Squeeze, Remedial Cement Job									
Stage, Squeeze, Remedial Cement Job									
Stage, Squeeze, Remedial Cement Job									
Stage, Squeeze, Remedial Cement Job									
Liner									
Liner									

21.

FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies	
	Top	Bottom	DST	Cored
Mesaverde/L/M.F.K	6100'			
Cameo	8570'			
Rollins	9000'			

All DST and Core Analyses must be submitted to COGCC

COMMENTS
Surface Pressure =0#
WAITING ON AS BUILTS

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

Print Name Angela J Neifert

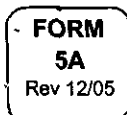
E-mail Angela.Neifert@Williams.com

Signature *Angela J Neifert*

Title

Permit Technician

Date 01/30/08



State of Colorado



Oil and Gas Conservation Commission

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

COMPLETED INTERVAL REPORT

The Completed Interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.

DE	ET	OE	ES
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COGCC			

1 OGCC Operator Number	96850	4. Contact Name	Angela J. Neifert
2. Name of Operator	Williams Production RMT Company	Phone	(303) 606-4398
3 Address	1515 Arapahoe St, Tower 3, Suite 1000	Fax	(303) 629-8285
City	Denver	State	CO
Zip	80202		
5 API Number	05-045-14154-00	6 County	Garfield
7 Well Name	PUCKETT	Well Number	WGV 21-23-697
8 Location (QtrQtr, Sec, Twp, Rng, Meridian)	NENW Sec 23-T6S-R97W		

Complete the Attachment Checklist

OP OGCC

wellbore diagram	X	

FORMATION:	Cameo / Williams Fork	Status	Producing
Treatment Date	10/18/07	Date of First Production this formation	10/27/2007
Perforations	Top 7395' Bottom 8869'	No Holes	111
Hole size	0 42"		
Provide a brief summary of the formation treatment	Open Hole <input type="checkbox"/>		
3753 Gals 10% HCL, 1168196 # 20/40 Sand, 13633 Bbls Slickwater, CO2 125 TONS (Summary)			
This formation is commingled with another formation <input checked="" type="checkbox"/> NO			
Test Information			
Date	01/01/08	Hours	24
Bbls oil		Mcf Gas	1089
Bbls H ₂ O			
Calculated 24 hour rate	Bbls oil 0	Mcf Gas	Bbls H ₂ O 0
GOR			
Test Method	Flowing	Casing PSI	1202
Tubing PSI	1163	Choke size	1464"
Gas Disposition	Sold	Gas Type	Dry
BTU Gas	1152	API Gravity Oil	
Tubing Size	2 3/8"	Tubing Setting Depth	8736'
Tbg setting date	10/25/07	Packer Depth	
Reason for Non-Production			
Date formation Abandoned		Squeezed	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes number of sacks cmt			
Bridge Plug Depth		Sacks cement on top	

FORMATION:		Status	
Treatment Date		Date of First Production this formation	
Perforations	Top Bottom	No Holes	Hole size
Provide a brief summary of the formation treatment	Open Hole <input type="checkbox"/>		
This formation is commingled with another formation <input type="checkbox"/>			
Test Information			
Date	Hours	Bbls oil	Mcf Gas
Bbls H ₂ O			
Calculated 24 hour rate	Bbls oil	Mcf Gas	Bbls H ₂ O
GOR			
Test Method	Casing PSI	Tubing PSI	Choke size
Gas Disposition	Gas Type	BTU Gas	API Gravity Oil
Tubing Size	Tubing Setting Depth	Tbg setting date	Packer Depth
Reason for Non-Production			
Date formation Abandoned		Squeezed	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes number of sacks cmt			
Bridge Plug Depth		Sacks cement on top	

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

Print Name

Angela J. Neifert

Email

angela.neifert@Williams.com

Signature

Title

Permit Technician

Date

01/30/08

State of Colorado
Oil and Gas Conservation Commission

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



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CERTIFICATION OF CLEARANCE AND/OR CHANGE OF OPERATOR

This form should be completed and filed by the New Operator **Submit original plus one copy.** Use Page 2 of Form 10 for multiple wells changing from the same operator to the new operator or when the "Change of Transporter/Gatherer" on multiple wells are the same. This form is not to be used for Well Name changes or Status changes. Form more information/codes, see www.oil-gas.state.co.us/forms. **It is the Operator's responsibility to mail approved copies to the new Transporter and/or Gatherer for each well listed.**

Operator Bond Status

☒ Blanket

☐ Individual

1 OGCC Operator Number	96850	4 Contact Name and Phone	Angela J. Neifert
2 Name of Operator	Williams Production RMT Company	No	303-606-4398
3 Address	1515 Arapahoe St., Tower 3, #1000	Fax	303-629-8285
City	Denver	State	CO
Zip	80202		

☐ Change of Operator

Effective Date

☒ Add/Change Transporter or Gatherer

Effective Date 10/27/2007

Complete This Section for a New or Individual Well:

Well Name & Number WGV 21-23-697	API Number 05-045-14154-00
Location (QtrQtr, Sec, Twp, Rng, Meridian) NENW Section 23-T6S-R97W, 6th P M	
Date of First Production 10/27/2007	Date of First Sales Gas 10/27/2007 Oil
<input checked="" type="checkbox"/> Add <input type="checkbox"/> Delete	<input checked="" type="checkbox"/> Add <input type="checkbox"/> Delete
Product: <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas	Product: <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas
Name of Transporter/Gatherer Semcrude LP	OGCC Transporter No 10016
Name of Transporter/Gatherer Bargath Inc	OGCC Transporter No 10128
Address 6120 S Yale, Suite 700	
Address 1515 Arapahoe Street, Tower 3 Suite 1000	
City Tulsa	State OK
City Denver	State CO
Zip 74136	Zip 80202
Area Code and Phone Number (918) 388-8100	
Area Code and Phone Number (303)-572-3900	
<input type="checkbox"/> Add <input type="checkbox"/> Delete	<input type="checkbox"/> Add <input type="checkbox"/> Delete
Product: <input type="checkbox"/> Oil <input type="checkbox"/> Gas	Product: <input type="checkbox"/> Oil <input type="checkbox"/> Gas
Name of Transporter/Gatherer	OGCC Transporter No
Name of Transporter/Gatherer	OGCC Transporter No
Address	
Address	
City	State
City	State
Zip	Zip
Area Code and Phone Number	Area Code and Phone Number

Remarks

The undersigned certifies that the rules and regulations of the Oil and Gas Conservation Commission of the State of Colorado have been complied with except as noted above and that the transporter(s) is (are) authorized to transport the oil and/or gas produced from the above described well and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Colorado Oil and Gas Conservation Commission

Name of Buyer or Current Operator Williams Production RMT Company	Name of Selling Operator
Signature <i>Angela J. Neifert</i>	Signature
Date 01/30/08	Date
Print Name Angela J. Neifert	Print Name
Title Permit Technician	Title

OGCC Approved: *David S. Neslin* Title *AS* Date *6-19-8*



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COGCC



EXPLORATION & PRODUCTION

Tower 3, Suite 1000
1515 Arapahoe Street
Denver, CO 80202
303/572-3900
303/629-8282 fax

4/2/07

Puckett Land Company
5460 South Quebec St , #250
Greenwood Village, CO 80111

Colorado Oil and Gas Commission Notice Rules
WGV 21-23-597 & WGV 22-23-597
NENW Section 23-T5S-R97W
Garfield County, Colorado

Dear Mr Puckett

The Colorado Oil and Gas Conservation Commission adopted a statewide standard regarding surface owner notification of oil and gas drilling operations. To meet obligations set forth in the rule, Williams Production RMT Company is providing notice of our intent to move in equipment to begin earthwork and commence drilling operations on the above subject wells at a location in the NE4 NW/4 of Section 23-T5S-R97W. The wells will be drilled directionally from a newly constructed well pad. Williams plans to commence operations on or about July 1, 2007.

The new rule also requires consultation with you or your designee with regard to location of roads and equipment. According to the rule, we are providing a postage-paid, return-addressed postcard for you to express your preference for a time and place for such a meeting and to indicate if you will designate someone for consultation. Please feel free to call if the postcard is inconvenient. Note that this consultation requirement may have already been met through the process of settling damages or negotiating a surface use agreement. If this is the case, no response is necessary.

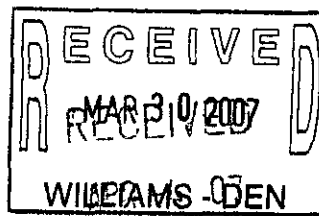
The new rule also requires posting a sign on your property to inform your tenants, if any, the general public of our intent to drill. You may waive this requirement by contacting our representative. You, as the landowner, are responsible for notifying any affected tenants of the operations.

For consultation or further information please contact Scott Brady at (970) 285-7377

Sincerely,

Howard Harris
WILLIAMS PRODUCTION RMT COMPANY

Attachment
COGCC Brochure - Information For Oil and Gas Operators, Surface Owners and Surface
Tenants



COGCC



EXPLORATION & PRODUCTION
Tower 3, Suite 1000
1515 Arapahoe Street
Denver, CO 80202
303/572-3900
303/629-8282 fax

February 28, 2007

Puckett Land Company
ATTN Robert E Puckett
5460 South Quebec St , #250
Greenwood Village, CO 80111

RE	Well Name	Location
	Puckett WGV 21-23-697	NE/4NW/4 of Section 23, Township 6 South, Range 97W, 6 th P M
	Puckett WGV 22-23-697	SE/4NW/4 of Section 23, Township 6 South, Range 97W, 6 th P M , to be directionally drilled from the pad of the Puckett WGV 21-23-697 described above

Dear Mr Puckett,

Please execute below to acknowledge the following

- Puckett Land Company is the surface owner of the well locations referenced above and is hereinafter referred to as "Surface Owner"
- Williams Production RMT Company ("Williams") and Surface Owner have reviewed the well locations and related access roads and have entered into a Surface Use Agreement for same
- Puckett Land Company hereby waives the thirty (30) day notification requirement of the Colorado Oil and Gas Conservation Commission Rule 305 for the wells referenced above

Sincerely,

WILLIAMS PRODUCTION RMT COMPANY

Roxann Eveland

Roxann Eveland
Landman II

Surface Owner
Puckett Land Company

By
Name Jeffrey V. Puckett
Title President

Date 3/23/07



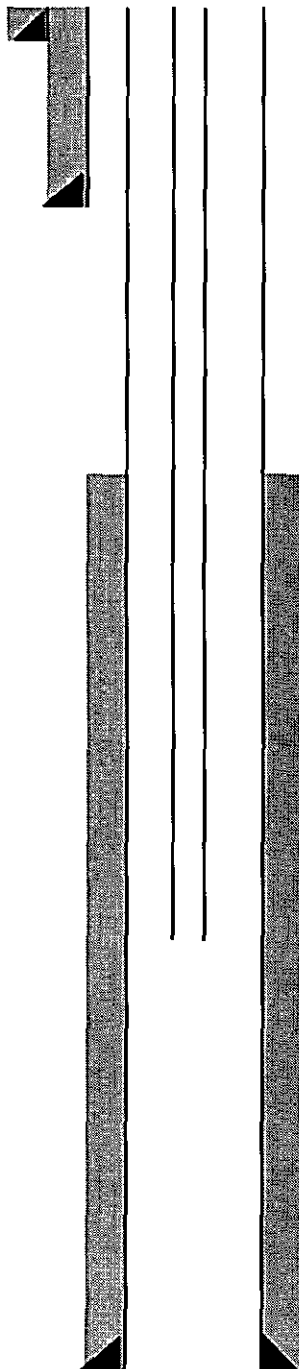
Williams Production RMT Co.
WGV 21-23-697
Grand Valley Field
SHL 1182' FNL 2003' FWL (NE/4 NW/4) BHL 740' FNL 1934' FWL (NE/4 NW/4)
Section 23-T6S-R97W 6th PM
Garfield County Colorado

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Formation Tops
(Measured Depths)



Conductor 24" Hole 18" casing/liner 0-45' 25 Sks

Cmt @ Surface - (Cmt circ to surf during cmt job)

9-5/8" 32 3# ppf Csg Set @2771'
In 13-1/2" Hole W/1539 Sks

Top Of Cement 6300'

Mesaverde @ 6100'

Cameo @ 8570'

Tubing String 2-3/8" Set @8736'

Perforations

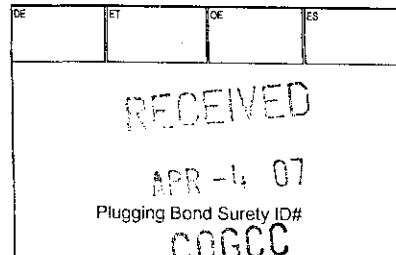
7395-7595' Mesaverde
7633-7835' Mesaverde
7923-8049' Mesaverde
8100-8209' Mesaverde
8271-8540' Mesaverde
8620-8869' Cameo

PBTD @ 9140'
TMD @ 9260'
TVD @ 9238'

4-1/2", 11 6 ppf Csg Set @9281' W/825 SX

State of Colorado
Oil and Gas Conservation Commission

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



APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER: ☐
SINGLE ZONE ☐ MULTIPLE ZONES ☐ COMMINGLE ZONES ☐Refilling ☐
Sidetrack ☐

3. Name of Operator: Williams Production RMT Company

4. COGCC Operator Number: 96850

Complete the

Attachment Checklist

5. Address: 1515 Arapahoe St., Tower 3, #1000

City: Denver State: CO Zip: 80202

6. Contact Name: Howard Harris

Phone: 303-606-4086

Fax: 303-629-8285

7. Well Name: Puckett

Well Number: WGV 22-23-697

8. Unit Name (if appl):

9. Proposed Total Measured Depth: 9266

	OP	COGCC
APD Orig & 1 Copy	X	
Form 2A	X	
Well location plat	X	
Topo map	X	
Mineral lease map	X	
Surface agrmt/Surety	X	
30 Day notice letter	X	
Deviated Drilling Plan	X	
Exception Location Request		
Exception Loc Waivers		
H2S Contingency Plan		
Federal Drilling Permit		

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 23 Twp: 6S Rng: 97W Meridian: 6th P.M.

Latitude: 39.512450

Longitude: 108.189714

Footage At Surface: 1196

FNL/FSL
FNL

1986

FEL/FWL
FWL

11. Field Name: Grand Valley

Field Number: 31290

12. Ground Elevation: 8581

13. County: Garfield

14. GPS Data:

Date of Measurement: 11/26/2006

PDOP Reading: 2.1

Instrument Operator's Name: Mark Bessie

15. If well is: ☒ Directional ☐ Horizontal (highly deviated), submit deviated drilling plan. Bottomhole Sec Twp Rng: SENW 23-T6S-R97W

Footage At Top of Prod Zone: 2017

FNL/FSL
FNL

1964

FEL/FWL
FWL

At Bottom Hole: 2017

FNL/FSL
FNL

1964

FEL/FWL
FWL16. Is location in a high density area (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: Approx 7754' (CR 26)

(WGV 21-23-697 permit Submitted)

18. Distance to Nearest Property Line: Approx 1196' SHL

19. Distance to nearest well permitted/completed in the same format: Approx 1256' From BHL

20. LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number (s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
Williams Fork	WMFK	510-20 (10 Acre Density)	.160	NW/4

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

Lease #

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No

Surface Surety ID#

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☐ No23b. If 23 is No: ☒ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):

See Attached

25. Distance to Nearest Mineral Lease Line: Approx 1964' BHL

26. Total Acres in Lease: Approx 9180

DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.28. Will salt sections be encountered during drilling? ☐ Yes ☒ No29. Will salt (>15,000 ppm TDS Cl) or oil based muds be used during drilling? ☐ Yes ☒ No30. If questions 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☐ No If 28, 29 or 30 are "Yes" a pit permit may be required.31. Mud disposal: ☐ Offsite ☒ OnsiteMethod: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility ☒ Other: Evaporation and Backfilling

NOTE: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

String	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
Surface	14 3/4"	9 5/8"	32.3# & 36#	2761	Circ Cmt to Sic	2761	Surface
Production	7 7/8"	4 1/2"	11.6#	9266	Cmt 200' above uppermesaverde sand		

32. BOP Equipment Type: ☒ Annular Preventor ☒ Double Ram ☐ Rotating Head ☐ None

33. Comments

34. Initial Rule 306 Consultation took place on (date) 3/23/07, was waived, or is not required. Provide supporting documentation if consultation has been waived or if good faith effort did not result in consultation.

PERMIT SUBMITTED TO COGCC PRIOR TO COMPLIANCE WITH RULE 306 CONSULTATION SHALL BE RETURNED UNAPPROVED.

I hereby certify that a complete permit package has been sent to the applicable Local Government Designee(s), and all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: Howard Harris

Print Name: Howard Harris

Title: Sr. Engineering Technician

Date: 4/2/07

Email: Howard.Harris@Williams.com

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: *Brian M. Macke* Director of COGCC

Date: 05-15-07

Permit Number: 20071692

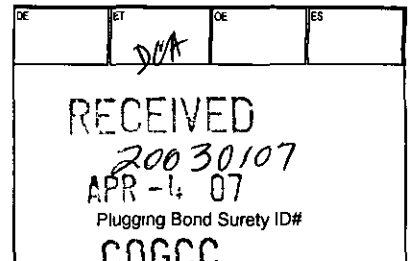
Expiration Date: 05-14-08

API NUMBER

05-045-14155-00

CONDITIONS OF APPROVAL, IF ANY:

SEE ATTACHED PAGES:
CONDITIONS OF APPROVAL AND
NOTICE TO OPERATORS



APPLICATION FOR PERMIT TO:

1 ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2 TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER ☐
SINGLE ZONE ☐ MULTIPLE ZONES ☐ COMMINGLE ZONES ☐Refilling ☐
Sidetrack ☐

Complete the

Attachment Checklist

3 Name of Operator Williams Production RMT Company	4 COGCC Operator Number 96850	APD Orig & 1 Copy	X	
5 Address 1515 Arapahoe St., Tower 3, #1000		Form 2A	X	
City Denver State CO Zip 80202		Well location plat	X	
6 Contact Name Howard Hams Phone 303-606-4086 Fax 303-629-8285		Topo map	X	
7 Well Name Puckett Well Number WGV 22-23 697		Mineral lease map	X	
8 Unit Name (if appl)		Surface agrmt/Surety	X	
9 Proposed Total Measured Depth 9266		30 Day notice letter	X	waiver
10 Qtr/Sec/Twp/Rng NENW/23/6S/97W/Mendian 6th P M		Deviated Drilling Plan	X	
Latitude 39 512450 Longitude 108 189714		Exception Location Request		
Footage At Surface 1196 FNL 1986 FWL		Exception Loc Waivers		
11 Field Name Grand Valley Field Number 31290		H2S Contingency Plan		
12 Ground Elevation 8581 13 County Garfield		Federal Drilling Permit		

14 GPS Data

Date of Measurement 11/26/2006 PDOP Reading 2.1 Instrument Operator's Name Mark Bessie

15 If well is ☒ Directional ☐ Horizontal (highly deviated), submit deviated drilling plan Bottomhole Sec Twp Rng SENW 23-T6S R97W
Footage At Top of Prod Zone 2017 FNL 1964 FWL At Bottom Hole 2017 FNL 1964 FWL16 Is location in a high density area (Rule 603b)? ☐ Yes ☒ No

17 Distance to the nearest building, public road, above ground utility or railroad Approx 7754' (CR 26)

(WGV 21 23-697 permit Submitted)

18 Distance to Nearest Property Line Approx 1196' SHL 19 Distance to nearest well permitted/completed in the same format Approx 1256' From BHL

20 LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number (s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc)
Williams Fork	WMFK	510-20 (10 Acre Density)	160	NW/4

21 Mineral Ownership <input checked="" type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian	Lease #
22 Surface Ownership <input checked="" type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian	
23 Is the Surface Owner also the Mineral Owner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Surface Surety ID#
23a If 23 is Yes Is the Surface Owner(s) signature on the lease? <input type="checkbox"/> Yes <input type="checkbox"/> No	
23b If 23 is No <input checked="" type="checkbox"/> Surface Owners Agreement Attached or <input type="checkbox"/> \$25,000 Blanket Surface Bond <input type="checkbox"/> \$2,000 Surface Bond <input type="checkbox"/> \$5,000 Surface Bond	
24 Using standard Qtr/Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer) See Attached	
25 Distance to Nearest Mineral Lease Line Approx 1964' BHL	26 Total Acres in Lease Approx 9180

DRILLING PLANS AND PROCEDURES

27 Is H2S anticipated? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If Yes, attach contingency plan
28 Will salt sections be encountered during drilling? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
29 Will salt (>15,000 ppm TDS Cl) or oil based muds be used during drilling? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
30 If questions 27 or 28 are yes, is this location in a sensitive area (Rule 903)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If 28, 29 or 30 are "Yes" a pit permit may be required
31 Mud disposal <input type="checkbox"/> Offsite <input checked="" type="checkbox"/> Onsite	
Method <input type="checkbox"/> Land Farming <input type="checkbox"/> Land Spreading <input type="checkbox"/> Disposal Facility <input checked="" type="checkbox"/> Other Evaporation and Backfilling	

NOTE The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b) If air/gas drilling, notify local fire officials

String	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
Surface	14 3/4"	9 5/8"	32 3# & 36#	2761	Circ Cmt to Sfc	2761	Surface
Production	7 7/8"	4 1/2"	11 6#	9266	Cmt 200' above upper mesaverde sand		
			Stage Tool				

32 BOP Equipment Type ☒ Annular Preventor ☒ Double Ram ☐ Rotating Head ☐ None

33 Comments

34 Initial Rule 306 Consultation took place on (date) 3/23/07, was waived, or is not required Provide supporting documentation if consultation has been waived or if good faith effort did not result in consultation
PERMIT SUBMITTED TO COGCC PRIOR TO COMPLIANCE WITH RULE 306 CONSULTATION SHALL BE RETURNED UNAPPROVED
I hereby certify that a complete permit package has been sent to the applicable Local Government Designee(s), and all statements made in this form are, to the best of my knowledge, true, correct, and completeSigned Howard Hams

Print Name Howard Hams

Title Sr Engineering Technician

Date 4/2/07

Email Howard.Hams@Williams.com

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved

COGCC Approved Bing Mack Director of COGCC

Date 05-15-07

Permit Number 20071692

Expiration Date 05-14-08

API NUMBER

05-045-14155-00

CONDITIONS OF APPROVAL, IF ANY

SEE ATTACHED PAGES
CONDITIONS OF APPROVAL AND
NOTICE TO OPERATORS

PUCKETT WGV 22 23-697

CONDITIONS OF APPROVAL

THE OPERATOR SHALL COMPLY WITH RULE 321 , AND IT SHALL BE THE OPERATOR'S RESPONSIBILITY TO ENSURE THAT THE WELLBORE COMPLIES WITH SETBACK REQUIREMENTS IN COMMISSION ORDERS OR RULES PRIOR TO PRODUCING THE WELL

24 HOUR SPUD NOTICE REQUIRED SEE NEW NOTICE GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS APPLIES TO THIS WELL ALL NOTIFICATION VIA E-MAIL JAIME ADKINS@STATE CO US

THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1 MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES THE DEEPEST WATER WELL WITHIN 1 MILE IS 120 FEET DEEP

PRODUCTION CASING TOP OF CEMENT MUST BE VERIFIED WITH CBL.

NOTICE TO ALL OPERATORS
DRILLING WILLIAMS FORK FORMATION WELLS IN GARFIELD COUNTY
SURFACE CASING DEPTH AND MODIFICATION OF LEAKOFF TEST REQUIREMENTS
JUNE 23, 2006 (Amends May 3, 2001 Notice)

Based on the evaluation of the leakoff test data, drilling histories and reservoir parameters for Williams Fork Formation wells in Garfield County, the surface casing setting depth requirements specified in the September 22, 1998 policy statement amended May 3, 2001 will remain in effect. Surface casing leakoff tests will be performed at the discretion of the operator with the exception of additional leakoff test requirements that may apply in the Grand Valley Field as required by an earlier notice. The following conditions are to be attached to all Permits-to-Drill for Williams Fork Formation or deeper gas wells in Garfield County.

The following shall be required in the Rulison Field Overpressured Area

- 1 The Rulison Field Overpressured Area is defined as (see attached map)
Township 6 South, Range 94 West, Sections 9, 15-23, 26-35
Township 7 South, Range 94 West, Sections 2-6, 8-10, 11, 15, 16
- 2 Surface casing must be set at a minimum depth of 1100 feet

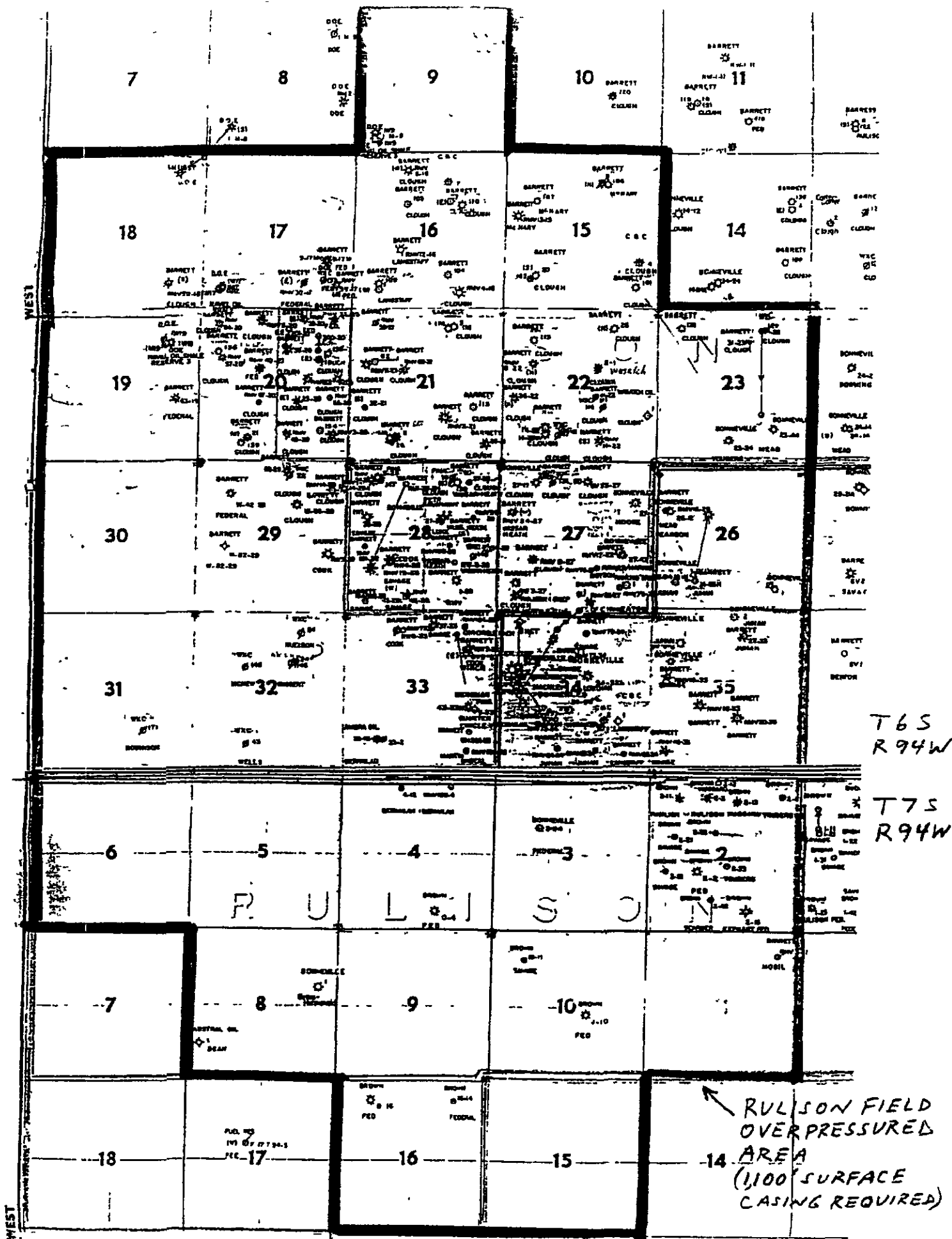
The following shall be required in all fields in Garfield County

- 1 Notify the COGCC Northwest Area Engineer 24 hours prior to commencing wellsite construction, setting of conductor pipe, well spudding, running all casing and any cementing operations so that COGCC staff may have the opportunity to witness. All notification shall be given via e-mail whenever possible.
- 2 Surface casing shall be set at a minimum depth of ten percent (10%) of the total depth of the well.
- 3 All lost circulation zones, gas kicks and water flows shall be reported to the COGCC Northwest Colorado Area Engineer as soon as feasible within twenty-four (24) hours of occurrence.
- 4 Significant lost circulation shall be defined as a mud loss in excess of 100 barrels and which requires shut down of operations for an hour or longer to pump lost circulation material and rebuild pit volume. The following data is required: depth, mud volume lost, whether or not a kick ensued, mud weights before and after lost circulation, and procedures used to regain circulation.
- 5 A significant kick shall be defined as one that is managed by shutting in the well to circulate out the kick or that is managed by going on choke and requiring an increase in mud weight exceeding 3/10ths of one pound per gallon to control. The following data is required: date and time of the kick, total depth of the well at the time of the kick, surface casing depth, size and cementing data, initial and final mud weights, shut in drill pipe pressure, shut in casing pressure, or any other pressure measurement or information used to determine the mud weight necessary to control the kick.
- 6 The depth, rate and mud weight on all water flows must be reported.
- 7 Upon completion of the primary cementing operation, the annular fluid level around the production casing shall be monitored for a minimum of 4 hours after cementing. Operators shall maintain the ability to monitor the annular fluid level and keep the hole full. The amount of mud that is used to keep the hole full shall be recorded. If mud volumes in excess of twenty (20) barrels are necessary to keep the hole full, the loss of fluid shall be reported to the COGCC immediately.

For all notifications contact COGCC Northwest Area Colorado Area Engineer Jaime Adkins via e-mail at jaime.adkins@state.co.us or in urgent cases at 970-285-9000(O), 970-250-2440(C).

Thank you for cooperating with these requirements.

Brian Macke, Director



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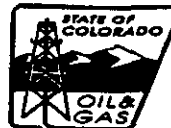
**WILLIAMS PRODUCTION RMT COMPANY
PUCKETT WGV 21-,22-23-697
SEC. 23, T 6 S, R 97 W, 6th P.M.
GARFIELD COUNTY, COLORADO**

Beginning at the town of DeBeque, Colorado; travel Northwesterly on County Road 204 for 5.4 miles to an existing access road. Turn right and travel this road for 16.9 miles to the proposed access road. Turn left and travel Southerly 0.2 miles to the location



State of Colorado
Oil and Gas Conservation Commission

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



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DRILL SITE/ACCESS ROAD RECLAMATION FORM

This form shall be submitted in duplicate with the application for permit-to-drill (OGCC Form 2) unless a Federal 13-point surface plan is included. Also required are a minimum of two photographs (site and access road). Soil and plant community information from United States Natural Resources Conservation Services (USNRCS).

1 OGCC Operator Number <u>96850</u>		4 Contact Name and Telephone <u>Howard Harris</u>	
2 Name of Operator <u>Williams Production RMT Company</u>		No <u>(303) 606-4086</u>	
3 Address <u>1515 Arapahoe Street, Tower 3, Suite 1000</u>		Fax <u>(303) 629-8285</u>	
City <u>Denver</u>	State <u>CO</u>	Zip <u>80202</u>	
5 Well Name and No <u>Puckett WGV 22-23-697</u>		6 County <u>Garfield</u>	
7 Location (QtrQtr, Sec, Twp, Rng, Meridian) <u>NWNW 23 6S 97W 6th P M</u>			

Complete the
Attachment Checklist

	Oper	OGCC
Drill site and access photographs	<input checked="" type="checkbox"/>	
COE Section 404 documentation		

Pre-Drilling Information
Current Land Use

8 Crop Land	<input type="checkbox"/> Irrigated	<input type="checkbox"/> Dry Land	<input type="checkbox"/> Improved Pasture	<input type="checkbox"/> Hay Meadow	<input type="checkbox"/> CRP
9 Non-crop land	<input checked="" type="checkbox"/> Rangeland	<input type="checkbox"/> Timber	<input type="checkbox"/> Recreational	<input type="checkbox"/> Other (describe) <u>Native Pasture</u>	
10 Subdivided	<input type="checkbox"/> Industrial	<input type="checkbox"/> Commercial	<input type="checkbox"/> Residential		

Attach color photographs of drill site and access road, identify each photo by date, well name and location

Soils

11 Soil map units from USNRCS survey Sheet No <u>24</u>	Soil Complex/Series No <u>67</u>
Soils Series name <u>Tosca Channery Loam</u>	Horizon thickness (in inches): A <u>0-8"</u> , B <u>8-15"</u> , C <u>15-24"</u>
<u>25 to 80% Slopes</u>	Horizon thickness (in inches): A <u></u> , B <u></u> , C <u>24-60"</u>
Soils Series name <u></u>	Horizon thickness (in inches): A <u></u> , B <u></u> , C <u></u>
<u></u>	Horizon thickness (in inches): A <u></u> , B <u></u> , C <u></u>

Plant Community

Complete this section only if operations are to be conducted upon non-crop land

12 Plant species from ☐ USNRCS or ☒ Field Observation Date of Observation 11/26/06

List individual species

13 Check one predominant plant community for the drill site

☐ Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye, Thistle)

☐ Grassland (Bluestem, Grama, Wheatgrass, Buffalograss, Fescue, Oatgrass, Brome)

☒ Shrub and Brush Land (Mahogany, Oak, Sage, Serviceberry, Chokecherry)

☐ Plains Deciduous Riparian (Cottonwood, Willow, Aspen, Maple, Poplar, Russian Olive, Tamarisk)

☐ Mountain Conifer Riparian (Spruce, Fir, Ponderosa Pine)

☐ Evergreen Forest Land (Spruce, Fir, Ponderosa Pine, Lodgepole Pine, Juniper, Pinyon)

☐ Aquatic (Bullrush, Sedges, Cattail, Arrowhead)

☐ Tundra (Alpine, Willow, Currant, Raspberry)

Other (describe)

14 Was an Army Corps of Engineers Section 404 Permit filed? ☐ Yes ☒ No If yes, attach appropriate documentation

Comments

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access road, that I am familiar with the conditions which presently exist, that the statements made in this form are, to the best of my knowledge, true, correct, and complete

Print Name Howard Harris

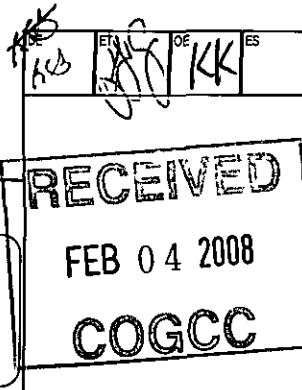
Signed Howard Harris

Title Sr Engineering Technician

Date 4/2/07

State of Colorado
Oil and Gas Conservation Commission

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



DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report). If the well has been plugged, a form 6 (Well Abandonment Report) is required.

1 OGCC Operator Number 96850	4 Contact Name Angela J Nerfert	Complete the Attachment Checklist
2 Name of Operator Williams Production RMT Company	Phone (303) 606-4398	
3 Address 1515 Arapahoe St, Tower 3, Suite 1000	Fax (303) 629-8285	
City Denver State CO Zip 80202		
5 API Number 05-045-14155-00	6 County Garfield	OP OGCC
7 Well Name PUCKETT	Well Number WGV 22-23-697	Logs
8 Location (QtrQtr, Sec, Twp, Rng, Meridian) NENW Sec 23-T6S-R97W		Directional Survey** X
Footage at surface 1196' FNL 1986' FWL		DST Analysis
As Drilled Latitude WAITING ON AS BUILTS	As Drilled Longitude	Core Analysis
GPS Data		Cmt summary*
Date of Measurement	PDOP Reading	
GPS Instrument Operator's Name		
** If directional, footage at Top of Prod Zone 2050' FNL 1929' FWL	Sec, Twp, Rng SENW Sec 23-T6S-R97W	
** If directional, footage at Bottom Hole 2029' FNL 1952' FWL	Sec, Twp, Rng SENW Sec 23-T6S-R97W	
9 Field Name Grand Valley	10 Field Number 31290	15 Well Classification
11 Federal, Indian or State Lease Number		<input type="checkbox"/> Dry <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas
12 Spud Date (when the 1st bit hit the dirt) 8/29/2007	13 Date TD 9/11/2007	<input type="checkbox"/> Coalbed <input type="checkbox"/> Disposal
14 Date Casing Set or D&A 9/13/2007		<input type="checkbox"/> Stratigraphic
16 Total Depth MD 9277' TVD** 9249'	17 Plug Back Total Depth MD 8990' TVD**	<input type="checkbox"/> Enhanced Recovery
18 Elevations GR 8581' KB 8598'	One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available	<input type="checkbox"/> Gas Storage
		<input type="checkbox"/> Observation
		<input type="checkbox"/> Other
19 List Electric Logs Run		
CBL, Reservoir Monitor Tool Elite, MMD		

20 CASING, LINER and CEMENT

*If Cement Bond Log was not run, submit contractor's cement job summary for each string cemented

String	Hole Size	Csg/Liner Size	Csg/Liner Top	Csg/Tool Setting Depth	Number of sacks cmt	Cement Top	Cement Bottom	CBL*	Calculated*
Conductor	24"	18"	48#	45'	25	Surface	45'		Visual
Surface	13 1/2"	9 5/8"	Surface	2761 7'	1698'	SFC	2761 7'		Visual
Production	7 7/8"	4 1/2"	Surface	9130 7'	825'	4950'	9130 7'	X	
Stage, Squeeze, Remedial Cement Job									
Stage, Squeeze, Remedial Cement Job									
Stage, Squeeze, Remedial Cement Job									
Liner									
Liner									

21 FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies	
	Top	Bottom	DST	Cored
Mesaverde/H.M.F.K	6100'			
Cameo	8570'			
Rollins	8896' 8896'			

All DST and Core Analyses must be submitted to COGCC

COMMENTS
Surface Pressure =0#

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

Print Name Angela J Nerfert E-mail Angela.Nerfert@Williams.com
Signature [Signature] Title Permit Technician Date 01/30/08

Garrison, Penny

From: Neifert, Angela (E&P) [Angela.Neifert@Williams.com]
Sent: Thursday, June 26, 2008 4:17 PM
To: Garrison, Penny
Subject: RE: Puckett WGV 22-23-697, API #045-14155

Hi Penny,

Looks like I had flying finger goofs on this well the top of the Rollins should be 8996' not 8896' on the Form 5 can you mark it out for me? or do you need a sundry

Angela Neifert
303-606-4398
I Wish You Enough!

You are never given a dream without also being given the power to make it true. You may have to work for it, however - Richard Bach

From: Garrison, Penny [mailto:Penny.Garrison@state.co.us]
Sent: Wednesday, June 18, 2008 2:01 PM
To: Neifert, Angela (E&P)
Subject: Puckett WGV 22-23-697, API #045-14155

Hello Angela,

Puckett WGV 22-23-697, API #045-14155

Please verify the bottom perf for the Williams Fork/Cameo formation for the above well. The 5A is currently showing it below the top of the Rollins.

Thanks
Penny

*Penny Garrison, Permitting Agent
Colorado Oil & Gas Conservation Commission
1120 Lincoln St, Ste 801
Denver, CO 80203
303.894.2100 x156
penny.garrison@state.co.us*

06/26/2008



Oil and Gas Conservation Commission

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

COMPLETED INTERVAL REPORT

The Completed Interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned for a recompletion, reperforation or restimulation, or when a formation is commingled Fill out a section for each formation Attach as many pages as required to fully describe the work List in order of completion

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1 OGCC Operator Number	96850	4 Contact Name	Angela J Neifert
2 Name of Operator	Williams Production RMT Company	Phone	(303) 606-4398
3 Address	1515 Arapahoe St, Tower 3, Suite 1000	Fax	(303) 629-8285
City	Denver	State	CO
Zip	80202		
5. API Number	05-045-14155-00	6 County	Garfield
7 Well Name	PUCKETT	Well Number	WGV 22-23-697
8 Location (QtrQtr, Sec, Twp, Rng, Meridian)	NENW Sec 23-T6S-R97W		

Complete the
Attachment
Checklist

OP OGCC

wellbore diagram	X

FORMATION:	Cameo / Williams Fork	Status	Producing
Treatment Date	10/15/07	Date of First Production this formation	10/24/2007
Perforations	Top 7299' Bottom 8930'	No Holes	153
Hole size	0 42"		
Provide a brief summary of the formation treatment	Open Hole <input type="checkbox"/>		
6500 Gals 10% HCL, 685400 # 20/40 Sand, 17574Bbbls Slickwater (Summary)			
This formation is commingled with another formation <input checked="" type="checkbox"/> No			
Test Information:			
Date	01/01/08	Hours	24
Bbbls oil		Mcf Gas	1119
Bbbls H ₂ O			
Calculated 24 hour rate	Bbbls oil 0	Mcf Gas	Bbbls H ₂ O 0
GOR			
Test Method	Flowing	Casing PSI	1182
Tubing PSI	1087	Choke size	1464"
Gas Disposition	Sold	Gas Type	Dry
BTU Gas	1080	API Gravity Oil	
Tubing Size	2 3/8"	Tubing Setting Depth	8809 3'
Tbg setting date	10/31/07	Packer Depth	
Reason for Non-Production			
Date formation Abandoned		Squeezed	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes number of sacks cmt			
Bridge Plug Depth		Sacks cement on top	

FORMATION:		Status	
Treatment Date		Date of First Production this formation	
Perforations	Top Bottom	No Holes	
Hole size			
Provide a brief summary of the formation treatment	Open Hole <input type="checkbox"/>		
This formation is commingled with another formation <input type="checkbox"/>			
Test Information:			
Date	Hours	Bbbls oil	Mcf Gas
Bbbls H ₂ O			
Calculated 24 hour rate	Bbbls oil	Mcf Gas	Bbbls H ₂ O
GOR			
Test Method	Casing PSI	Tubing PSI	Choke size
Gas Disposition		Gas Type	
BTU Gas		API Gravity Oil	
Tubing Size	Tubing Setting Depth	Tbg setting date	Packer Depth
Reason for Non-Production			
Date formation Abandoned		Squeezed	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes number of sacks cmt			
Bridge Plug Depth		Sacks cement on top	

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

Print Name Angela J Neifert Email angela.neifert@Williams.com
Signature *Angela J Neifert* Title Permit Technician Date 01/30/08

State of Colorado
Oil and Gas Conservation Commission

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



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CERTIFICATION OF CLEARANCE AND/OR CHANGE OF OPERATOR

This form should be completed and filed by the New Operator **Submit original plus one copy** Use Page 2 of Form 10 for multiple wells changing from the same operator to the new operator or when the "Change of Transporter/Gatherer" on multiple wells are the same This form is not to be used for Well Name changes or Status changes Form more information/codes, see www.oil-gas.state.co.us/forms **It is the Operator's responsibility to mail approved copies to the new Transporter and/or Gatherer for each well listed**

Operator Bond Status

☒ Blanket

☐ Individual

1	OGCC Operator Number	96850	4	Contact Name and Phone
2	Name of Operator	Williams Production RMT Company		Angela J Neifert
3	Address	1515 Arapahoe St, Tower 3, #1000	No	303-606-4398
	City	Denver	Fax	303-629-8285
	State	CO		
	Zip	80202		

☐ Change of Operator

Effective Date

☒ Add/Change Transporter or Gatherer

Effective Date 10/24/2007

Complete This Section for a New or Individual Well:

Well Name & Number WGV 22-23-697		API Number 05-045-14155-00	
Location (QtrQtr, Sec, Twp, Rng, Meridian) NENW Section 23-T6S-R97W, 6th P M			
Date of First Production 10/24/2007		Date of First Sales Gas 10/24/2007 Oil	
<input checked="" type="checkbox"/> Add <input type="checkbox"/> Delete		<input checked="" type="checkbox"/> Add <input type="checkbox"/> Delete	
Product: <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas		Product: <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas	
Name of Transporter/Gatherer Semcrude LP		Name of Transporter/Gatherer Bargath Inc	
OGCC Transporter No 10016		OGCC Transporter No 10128	
Address 6120 S Yale, Suite 700		Address 1515 Arapahoe Street, Tower 3 Suite 1000	
City Tulsa	State OK	City Denver	State CO
Zip 74136		Zip 80202	
Area Code and Phone Number (918) 388-8100		Area Code and Phone Number (303)-572-3900	
<input type="checkbox"/> Add <input type="checkbox"/> Delete		<input type="checkbox"/> Add <input type="checkbox"/> Delete	
Product: <input type="checkbox"/> Oil <input type="checkbox"/> Gas		Product: <input type="checkbox"/> Oil <input type="checkbox"/> Gas	
Name of Transporter/Gatherer OGCC Transporter No		Name of Transporter/Gatherer OGCC Transporter No	
Address		Address	
City	State	City	State
Zip		Zip	
Area Code and Phone Number		Area Code and Phone Number	

Remarks

The undersigned certifies that the rules and regulations of the Oil and Gas Conservation Commission of the State of Colorado have been complied with except as noted above and that the transporter(s) is (are) authorized to transport the oil and/or gas produced from the above described well and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Colorado Oil and Gas Conservation Commission

Name of Buyer or Current Operator Williams Production RMT Company		Name of Selling Operator	
Signature <i>Angela J Neifert</i>	Date 01/30/08	Signature	Date
Print Name Angela J Neifert	Title Permit Technician	Print Name	Title

OGCC Approved: *David S. Neslin* Title *OGCC* Date *5-13-08*



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4/2/07

Puckett Land Company
5460 South Quebec St , #250
Greenwood Village, CO 80111

EXPLORATION & PRODUCTION
Tower 3, Suite 1000
1515 Arapahoe Street
Denver, CO 80202
303/572-3900
303/629-8282 fax

Colorado Oil and Gas Commission Notice Rules
WGV 21-23-597 & WGV 22-23-597
NENW Section 23-T5S-R97W
Garfield County, Colorado

Dear Mr Puckett

The Colorado Oil and Gas Conservation Commission adopted a statewide standard regarding surface owner notification of oil and gas drilling operations. To meet obligations set forth in the rule, Williams Production RMT Company is providing notice of our intent to move in equipment to begin earthwork and commence drilling operations on the above subject wells at a location in the NE4 NW/4 of Section 23-T5S-R97W. The wells will be drilled directionally from a newly constructed well pad. Williams plans to commence operations on or about July 1, 2007.

The new rule also requires consultation with you or your designee with regard to location of roads and equipment. According to the rule, we are providing a postage-paid, return-addressed postcard for you to express your preference for a time and place for such a meeting and to indicate if you will designate someone for consultation. Please feel free to call if the postcard is inconvenient. Note that this consultation requirement may have already been met through the process of settling damages or negotiating a surface use agreement. If this is the case, no response is necessary.

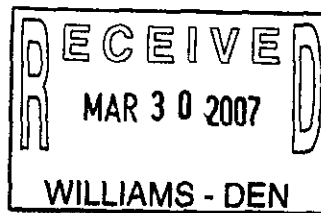
The new rule also requires posting a sign on your property to inform your tenants, if any, the general public of our intent to drill. You may waive this requirement by contacting our representative. You, as the landowner, are responsible for notifying any affected tenants of the operations.

For consultation or further information please contact Scott Brady at (970) 285-7377

Sincerely,

Howard Harris
WILLIAMS PRODUCTION RMT COMPANY

Attachment
COGCC Brochure - Information For Oil and Gas Operators, Surface Owners and Surface
Tenants



EXPLORATION & PRODUCTION
Tower 3, Suite 1000
1515 Arapahoe Street
Denver, CO 80202
303/572-3900
303/629-8282 fax

February 28, 2007

Puckett Land Company
ATTN Robert E Puckett
5460 South Quebec St , #250
Greenwood Village, CO 80111

RE	Well Name	Location
	Puckett WGV 21-23-697	NE/4NW/4 of Section 23, Township 6 South, Range 97W, 6 th P M
	Puckett WGV 22-23-697	SE/4NW/4 of Section 23, Township 6 South, Range 97W, 6 th P M , to be directionally drilled from the pad of the Puckett WGV 21-23-697 described above

Dear Mr Puckett,

Please execute below to acknowledge the following

- Puckett Land Company is the surface owner of the well locations referenced above and is hereinafter referred to as "Surface Owner"
- Williams Production RMT Company ("Williams") and Surface Owner have reviewed the well locations and related access roads and have entered into a Surface Use Agreement for same
- Puckett Land Company hereby waives the thirty (30) day notification requirement of the Colorado Oil and Gas Conservation Commission Rule 305 for the wells referenced above

Sincerely,

WILLIAMS PRODUCTION RMT COMPANY

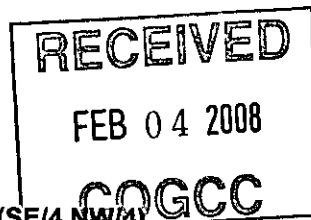
Roxann Eveland

Roxann Eveland
Landman II

Surface Owner
Puckett Land Company

By
Name Jeffrey V. Puckett
Title President

Date 3/23/07



**Williams Production RMT Co.
WGV 22-23-697**

Grand Valley Field

SHL 1196' FNL 1986' FWL (NE/4 NW/4) BHL 2029' FNL 1952' FWL (SE/4 NW/4)

**Section 23-T6S-R97W 6th PM
Garfield County Colorado**

**Formation Tops
(Measured Depths)**



Conductor 24" Hole 18" casing/liner 0-45' 25 Sks

Cmt @ Surface - (Cmt circ to surf during cmt job)

9-5/8" 32 3# ppf Csg Set @2761 7'
In 13-1/2" Hole W/1698 Sks

Top Of Cement 4950'

Mesaverde @ 6100'

Cameo @ 8570'

Tubing Strng 2-3/8" Set @8809 3'

Perforations

7299-7414' Mesaverde
7485-7646' Mesaverde
7714-7854' Mesaverde
7911-8027' Mesaverde
8085-8190' Mesaverde
8234-8405' Mesaverde
8448-8694' Cameo
8753-8930' Cameo

PBTD @ 8990'
TMD @ 9277'
TVD @ 9249'

4-1/2", 11 6 ppf Csg Set @9130 7' W/825 SX

State of Colorado
Oil and Gas Conservation Commission

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



FOR OGCC USE ONLY

EARTHEN PIT REPORT/PERMIT

This form is to be used for both reporting and permitting pits. Rule 903 describes when a Permit with prior approval, or a Report within 30 days, is required for pits. Submit required attachments and forms.

**Complete the
Attachment Checklist**

Oper OGCC

FORM SUBMITTED FOR:
☐ **Pit Report** ☒ **Pit Permit**

Detailed Site Plan		
Topo Map w/ Pit Location		
Water Analysis (Form 25)		
Source Wells (Form 26)		
Pit Design/Plan & Cross Sect		
Design Calculations		
Sensitive Area Determ.		
Mud Program		
Form 2A		

OGCC Operator Number: 96850
Name of Operator: Williams Production RMT Co
Address: 1515 Arapahoe St., Tower 3, Suite 1000
City: Denver State: Co Zip: 80202

Contact Name and Telephone:
Lisa Dee
No: 303-260-4538
Fax: 303-629-8285

API Number (of associated well): 05-045-14154 OGCC Facility ID (of other associated facility): Applied For
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): Pucket WGV 21-23-697pad (NENW of Sect. 23: T6S-R97W)
Latitude: N39.512489 NAD83 Longitude: W108.189658 NAD83 County: Garfield
Pit Use: ☒ Production ☐ Drilling (Attach mud program) ☐ Special Purpose (Describe Use): _____
Pit Type: ☒ Lined ☐ Unlined Surface Discharge Permit: ☐ Yes ☐ No
Offsite disposal of pit contents: ☐ Injection ☐ Commercial Pit/Facility Name: _____ Pit/Facility No: _____
Attach Form 26 to identify Source Wells and Form 25 to provide Produced Water Analysis results.

Existing Site Conditions

Is the location in a "Sensitive Area?" ☐ Yes ☒ No **Attach data used for determination.**
Distance (in feet) to nearest surface water: +/- 2500' ground water: +/- 2000' water wells: +/- 1500'
LAND USE (or attach copy of Form 2A if previously submitted for associated well) Select one which best describes land use:
Crop Land: ☐ Irrigated ☐ Dry Land ☐ Improved Pasture ☐ Hay Meadow ☐ CRP
Non-Crop Land: ☒ Rangeland ☐ Timber ☐ Recreational ☐ Other (describe): _____
Subdivided: ☐ Industrial ☐ Commercial ☐ Residential
SOILS (or attach copy of Form 2A if previously submitted for associated well)
Soil map units from USNRCS survey: Sheet No: Website Data Soil Complex/Series No: 57
Soils Series Name: Parachute Rhone loam Horizon thickness (in inches): A: 0-59" ; B: _____ ; C: _____
Soils Series Name: See attached Form 2A Horizon thickness (in inches): A: _____ ; B: _____ ; C: _____
Attach detailed site plan and topo map with pit location.

Pit Design and Construction

Size of pit (feet): Length: 100' Width: 50' Depth: 15'
Calculated pit volume (bbls): 6,946bbls Daily inflow rate (bbls/day): 20
Daily disposal rates (attach calculations): Evaporation: 3.9 bbls/day Percolation: none bbls/day
Type of liner material: Ploy Thickness: 12mil
Attach description of proposed design and construction (include sketches and calculations).
Method of treatment of produced water prior to discharge into pit (separator, heater treater, other): Separator
Is pit fenced? ☒ Yes ☐ No Is pit netted? ☐ Yes ☒ No

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

Print Name: Lisa Dee Signed: [Signature]
Title: Regulatory Specialist Date: 10/07/08

OGCC Approved: _____ Title: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

FACILITY NUMBER:

State of Colorado Oil and Gas Conservation Commission

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



FOR OGCC USE ONLY

EARTHEN PIT REPORT/PERMIT

This form is to be used for both reporting and permitting pits. Rule 903 describes when a Permit with prior approval, or a Report within 30 days, is required for pits. Submit required attachments and forms.

Complete the
Attachment Checklist

Oper OGCC

FORM SUBMITTED FOR:

☐ Pit Report

☒ Pit Permit

Detailed Site Plan		
Topo Map w/ Pit Location		
Water Analysis (Form 25)		
Source Wells (Form 26)		
Pit Design/Plan & Cross Sect		
Design Calculations		
Sensitive Area Determ.		
Mud Program		
Form 2A		

OGCC Operator Number: 96850

Name of Operator: Williams Production RMT Co

Address: 1515 Arapahoe St., Tower 3, Suite 1000

City: Denver State: Co Zip: 80202

Contact Name and Telephone:

Lisa Dee

No: 303-260-4538

Fax: 303-629-8285

API Number (of associated well): 05-045-14154

OGCC Facility ID (of other associated facility): Applied For

Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): Pucket WGV 21-23-697pad (NENW of Sect. 23: T6S-R97W)

Latitude: N39.512489 NAD83

Longitude: W108.189658 NAD83

County: Garfield

Pit Use: ☒ Production ☐ Drilling (Attach mud program) ☐ Special Purpose (Describe Use):Pit Type: ☒ Lined ☐ Unlined Surface Discharge Permit: ☐ Yes ☐ NoOffsite disposal of pit contents: ☐ Injection ☐ Commercial Pit/Facility Name: Pit/Facility No:

Attach Form 26 to identify Source Wells and Form 25 to provide Produced Water Analysis results.

Existing Site Conditions

Is the location in a "Sensitive Area?" ☐ Yes ☒ No Attach data used for determination.

Distance (in feet) to nearest surface water: +/- 2500' ground water: +/- 2000' water wells: +/- 1500'

LAND USE (or attach copy of Form 2A if previously submitted for associated well) Select one which best describes land use:

Crop Land: ☐ Irrigated ☐ Dry Land ☐ Improved Pasture ☐ Hay Meadow ☐ CRPNon-Crop Land: ☒ Rangeland ☐ Timber ☐ Recreational ☐ Other (describe):Subdivided: ☐ Industrial ☐ Commercial ☐ Residential

SOILS (or attach copy of Form 2A if previously submitted for associated well)

Soil map units from USNRCS survey: Sheet No: Website Data Soil Complex/Series No: 57

Soils Series Name: Parachute Rhone loam Horizon thickness (in inches): A: 0-59" ; B: ; C:

Soils Series Name: See attached Form 2A Horizon thickness (in inches): A: ; B: ; C:

Attach detailed site plan and topo map with pit location.

Pit Design and Construction

Size of pit (feet): Length: 100' Width: 50' Depth: 15'

Calculated pit volume (bbls): 6,946bbls Daily inflow rate (bbls/day): 20

Daily disposal rates (attach calculations): Evaporation: 3.9 bbls/day Percolation: none bbls/day

Type of liner material: Ploy Thickness: 12mil

Attach description of proposed design and construction (include sketches and calculations).

Method of treatment of produced water prior to discharge into pit (separator, heater treater, other): Separator

Is pit fenced? ☒ Yes ☐ No Is pit netted? ☐ Yes ☒ No

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

Print Name: Lisa Dee

Signed:

Title: Regulatory Specialist

Date: 10/07/08

OGCC Approved: Title: Date:

CONDITIONS OF APPROVAL, IF ANY:

FACILITY NUMBER:

State of Colorado
Oil and Gas Conservation Commission

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



FOR OGCC USE ONLY

DRILL SITE/ACCESS ROAD RECLAMATION FORM

This form shall be submitted in duplicate with the application for permit-to-drill (OGCC Form 2) unless a Federal 13-point surface plan is included. Also required are a minimum of two photographs (site and access road). Soil and plant community information from United States Natural Resources Conservation Services (USNRCS).

1. OGCC Operator Number: <u>96850</u>		4. Contact Name and Telephone: <u>Lisa Dee</u>	
2. Name of Operator: <u>Williams Production RMT Company</u>		No: <u>(303) 260-4538</u>	
3. Address: <u>1515 Arapahoe Street, Tower 3, Suite 1000</u>		Fax: <u>(303) 629-8285</u>	
City: <u>Denver</u>	State: <u>CO</u>	Zip: <u>80202</u>	
5. Well Name and No: <u>Puckett WGV 21-23-697 pad</u>		6. County: <u>Garfield</u>	
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>NENW Sect. 23 T6S R97W 6th P.M.</u>			

Complete the
Attachment Checklist

	Oper	OGCC
Drill site and access photographs	<input checked="" type="checkbox"/>	
COE Section 404 documentation		

Pre-Drilling Information
Current Land Use

8. Crop Land:	<input type="checkbox"/> Irrigated	<input type="checkbox"/> Dry Land	<input type="checkbox"/> Improved Pasture	<input type="checkbox"/> Hay Meadow	<input type="checkbox"/> CRP
9. Non-crop land:	<input checked="" type="checkbox"/> Rangeland	<input type="checkbox"/> Timber	<input type="checkbox"/> Recreational	<input type="checkbox"/> Other (describe):	
10. Subdivided:	<input type="checkbox"/> Industrial	<input type="checkbox"/> Commercial	<input type="checkbox"/> Residential		

Attach color photographs of drill site and access road; identify each photo by date, well name and location.

Soils

11. Soil map units from USNRCS survey: Sheet No: <u>Website Data</u>	Soil Complex/Series No: <u>57</u>
Soils Series name: <u>Parachute</u>	Horizon thickness (in inches): A: <u>0-10"</u> ; B: <u>10-25"</u> ; C: <u>25-29"</u>
<u>5 to 30% Slopes</u>	Horizon thickness (in inches): A: <u> </u> ; B: <u> </u> ; C: <u> </u>
Soils Series name: <u>Rhone</u>	Horizon thickness (in inches): A: <u>0-10"</u> ; B: <u>10-39"</u> ; C: <u>39-55"</u>
<u>5 to 30% Slopes</u>	Horizon thickness (in inches): A: <u>55-59"</u> ; B: <u> </u> ; C: <u> </u>

Plant Community

Complete this section only if operations are to be conducted upon non-crop land.

12. Plant species from: <input type="checkbox"/> USNRCS or <input checked="" type="checkbox"/> Field Observation	Date of Observation: <u>11/21/07</u>
List individual species:	
13. Check one predominant plant community for the drill site:	
<input type="checkbox"/> Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye, Thistle) <input type="checkbox"/> Grassland (Bluestem, Grama, <u>Wheatgrass</u> , <u>Buffalograss</u> , <u>Fescue</u> , Oatgrass, Brome) <input checked="" type="checkbox"/> Shrub and Brush Land (Mahogany, Oak, <u>Sage</u> , <u>Serviceberry</u> , Chokecherry) <input type="checkbox"/> Plains Deciduous Riparian (Cottonwood, Willow, Aspen, Maple, Poplar, Russian Olive, Tamarisk) <input type="checkbox"/> Mountain Conifer Riparian (Spruce, Fir, Ponderosa Pine) <input type="checkbox"/> Evergreen Forest Land (Spruce, Fir, Ponderosa Pine, Lodgepole Pine, Juniper, Pinyon) <input type="checkbox"/> Aquatic (Bullrush, Sedges, Cattail, Arrowhead) <input type="checkbox"/> Tundra (Alpine, Willow, Currant, Raspberry) Other (describe): <u>Existing Location</u>	
14. Was an Army Corps of Engineers Section 404 Permit filed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, attach appropriate documentation.	

Comments:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access road; that I am familiar with the conditions which presently exist, that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Lisa DeeSigned: [Signature]Title: Regulatory Specialist Date: 10/07/08

State of Colorado Oil and Gas Conservation Commission

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



FOR OGCC USE ONLY

SOURCE OF PRODUCED WATER FOR DISPOSAL

This form must be completed for any new disposal site and for any change in sources of produced water for an existing disposal site.

Complete the
Attachment Checklist

OGCC Operator Number: <u>96850</u>	Contact Name and Telephone:
Name of Operator: <u>Williams Production RMT Co</u>	<u>Lisa Dee</u>
Address: <u>1515 Arapahoe St., Tower 3, Suite 1000</u>	No: <u>303-260-4538</u>
City: <u>Denver</u> State: <u>CO</u> Zip: <u>80202</u>	Fax: <u>303-629-8285</u>

Oper OGCC	
Chemical Analysis of fluid	

OGCC Disposal Facility Number: <u>Applied For</u>
Operator's Disposal Facility Name: <u>Puckett WGV 21-23-697 pad</u> Operator's Disposal Facility Number: _____
Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>NENW of Sect. 23: T6S-R97W</u>
Address: _____
City: _____ State: _____ Zip: _____ County: <u>Garfield</u>

If more space is required,
attach additional sheet.

Add Source: OGCC Lease No: _____ API No: 05-045-14154 Well Name & No: Puckett WGV 21-23-697



Operator Name: Williams Production RMT Co Operator No: 96850

Delete Source: Location: QtrQtr: NENW Section: 23 Township: 6S Range: 97W Producing Formation: Williams Fork



Analysis Attached? ☐ Yes ☐ No Transported to disposal site via: ☐ Pipeline ☐ Truck TDS: _____

Add Source: OGCC Lease No: _____ API No: 05-045-14155 Well Name & No: Puckett WGV 22-23-697



Operator Name: Williams Production RMT Co Operator No: 96850

Delete Source: Location: QtrQtr: NENW Section: 23 Township: 6S Range: 97W Producing Formation: Williams Fork



Analysis Attached? ☐ Yes ☐ No Transported to disposal site via: ☐ Pipeline ☐ Truck TDS: _____

Add Source: OGCC Lease No: _____ API No: _____ Well Name & No: _____



Operator Name: _____ Operator No: _____

Delete Source: Location: QtrQtr: _____ Section: _____ Township: _____ Range: _____ Producing Formation: _____



Analysis Attached? ☐ Yes ☐ No Transported to disposal site via: ☐ Pipeline ☐ Truck TDS: _____

Add Source: OGCC Lease No: _____ API No: _____ Well Name & No: _____



Operator Name: _____ Operator No: _____

Delete Source: Location: QtrQtr: _____ Section: _____ Township: _____ Range: _____ Producing Formation: _____



Analysis Attached? ☐ Yes ☐ No Transported to disposal site via: ☐ Pipeline ☐ Truck TDS: _____

Add Source: OGCC Lease No: _____ API No: _____ Well Name & No: _____



Operator Name: _____ Operator No: _____

Delete Source: Location: QtrQtr: _____ Section: _____ Township: _____ Range: _____ Producing Formation: _____



Analysis Attached? ☐ Yes ☐ No Transported to disposal site via: ☐ Pipeline ☐ Truck TDS: _____

Add Source: OGCC Lease No: _____ API No: _____ Well Name & No: _____



Operator Name: _____ Operator No: _____

Delete Source: Location: QtrQtr: _____ Section: _____ Township: _____ Range: _____ Producing Formation: _____



Analysis Attached? ☐ Yes ☐ No Transported to disposal site via: ☐ Pipeline ☐ Truck TDS: _____

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

Print Name: Lisa Dee Signed: [Signature]

Title: Regulatory Specialist Date: 10/07/08

OGCC Approved: _____ Title: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

State of Colorado Oil and Gas Conservation Commission

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



FOR OGCC USE ONLY

SOURCE OF PRODUCED WATER FOR DISPOSAL

This form must be completed for any new disposal site and for any change in sources of produced water for an existing disposal site.

Complete the
Attachment Checklist

OGCC Operator Number: <u>96850</u>	Contact Name and Telephone:
Name of Operator: <u>Williams Production RMT Co</u>	<u>Lisa Dee</u>
Address: <u>1515 Arapahoe St., Tower 3, Suite 1000</u>	No: <u>303-260-4538</u>
City: <u>Denver</u> State: <u>CO</u> Zip: <u>80202</u>	Fax: <u>303-629-8285</u>

Oper OGCC	
Chemical Analysis of fluid	

OGCC Disposal Facility Number: <u>Applied For</u>
Operator's Disposal Facility Name: <u>Puckett WGV 21-23-697 pad</u> Operator's Disposal Facility Number: _____
Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>NENW of Sect. 23: T6S-R97W</u>
Address: _____
City: _____ State: _____ Zip: _____ County: <u>Garfield</u>

If more space is required,
attach additional sheet.

Add Source: OGCC Lease No: _____ API No: 05-045-14154 Well Name & No: Puckett WGV 21-23-697



Operator Name: Williams Production RMT Co Operator No: 96850

Delete Source: Location: QtrQtr: NENW Section: 23 Township: 6S Range: 97W Producing Formation: Williams Fork



Analysis Attached? ☐ Yes ☐ No Transported to disposal site via: ☐ Pipeline ☐ Truck TDS: _____

Add Source: OGCC Lease No: _____ API No: 05-045-14155 Well Name & No: Puckett WGV 22-23-697



Operator Name: Williams Production RMT Co Operator No: 96850

Delete Source: Location: QtrQtr: NENW Section: 23 Township: 6S Range: 97W Producing Formation: Williams Fork



Analysis Attached? ☐ Yes ☐ No Transported to disposal site via: ☐ Pipeline ☐ Truck TDS: _____

Add Source: OGCC Lease No: _____ API No: _____ Well Name & No: _____



Operator Name: _____ Operator No: _____

Delete Source: Location: QtrQtr: _____ Section: _____ Township: _____ Range: _____ Producing Formation: _____



Analysis Attached? ☐ Yes ☐ No Transported to disposal site via: ☐ Pipeline ☐ Truck TDS: _____

Add Source: OGCC Lease No: _____ API No: _____ Well Name & No: _____



Operator Name: _____ Operator No: _____

Delete Source: Location: QtrQtr: _____ Section: _____ Township: _____ Range: _____ Producing Formation: _____



Analysis Attached? ☐ Yes ☐ No Transported to disposal site via: ☐ Pipeline ☐ Truck TDS: _____

Add Source: OGCC Lease No: _____ API No: _____ Well Name & No: _____



Operator Name: _____ Operator No: _____

Delete Source: Location: QtrQtr: _____ Section: _____ Township: _____ Range: _____ Producing Formation: _____



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Add Source: OGCC Lease No: _____ API No: _____ Well Name & No: _____



Operator Name: _____ Operator No: _____

Delete Source: Location: QtrQtr: _____ Section: _____ Township: _____ Range: _____ Producing Formation: _____



Analysis Attached? ☐ Yes ☐ No Transported to disposal site via: ☐ Pipeline ☐ Truck TDS: _____

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

Print Name: Lisa Dee

Signed: [Signature]

Title: Regulatory Specialist

Date: 10/07/08

OGCC Approved: _____ Title: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

Pit Evaporation Calculation

Operator **Williams Production RMT**
Location Name **Puckett WGV 21-23-697 pad**
Location Specific **NENW Section 23: T6S-R97W, Garfield County, Colorado**

	Length	Width
Pit Size At Top	100 ft	50 ft
Water Surface Exposure	80 ft	30 ft
Water Surface Area	2,400 Sq Ft	

Ave Evaporation Rate **40.0** inches/year.

$$\begin{aligned} & \frac{40 \text{ inches}}{1 \text{ year}} \times \frac{1 \text{ Ft}}{12 \text{ inches}} = \frac{3.3333 \text{ Ft}}{\text{year}} \\ & \frac{3.3333 \text{ Ft}}{\text{year}} \times \frac{2400 \text{ Sq Ft}}{\text{year}} = \frac{8,000 \text{ Cu Ft}}{\text{year}} \\ & \frac{8,000 \text{ Cu Ft}}{\text{year}} \times \frac{1 \text{ bbl}}{5.615 \text{ Cu Ft}} = \frac{1424.76 \text{ bbl}}{\text{year}} \\ & \frac{1424.76 \text{ bbl}}{1 \text{ year}} \times \frac{1 \text{ year}}{365 \text{ days}} = \frac{3.90344 \text{ bbl}}{\text{day}} \end{aligned}$$

Estimated Average Evaporation Rate Is 3.90 bbls / day

