

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

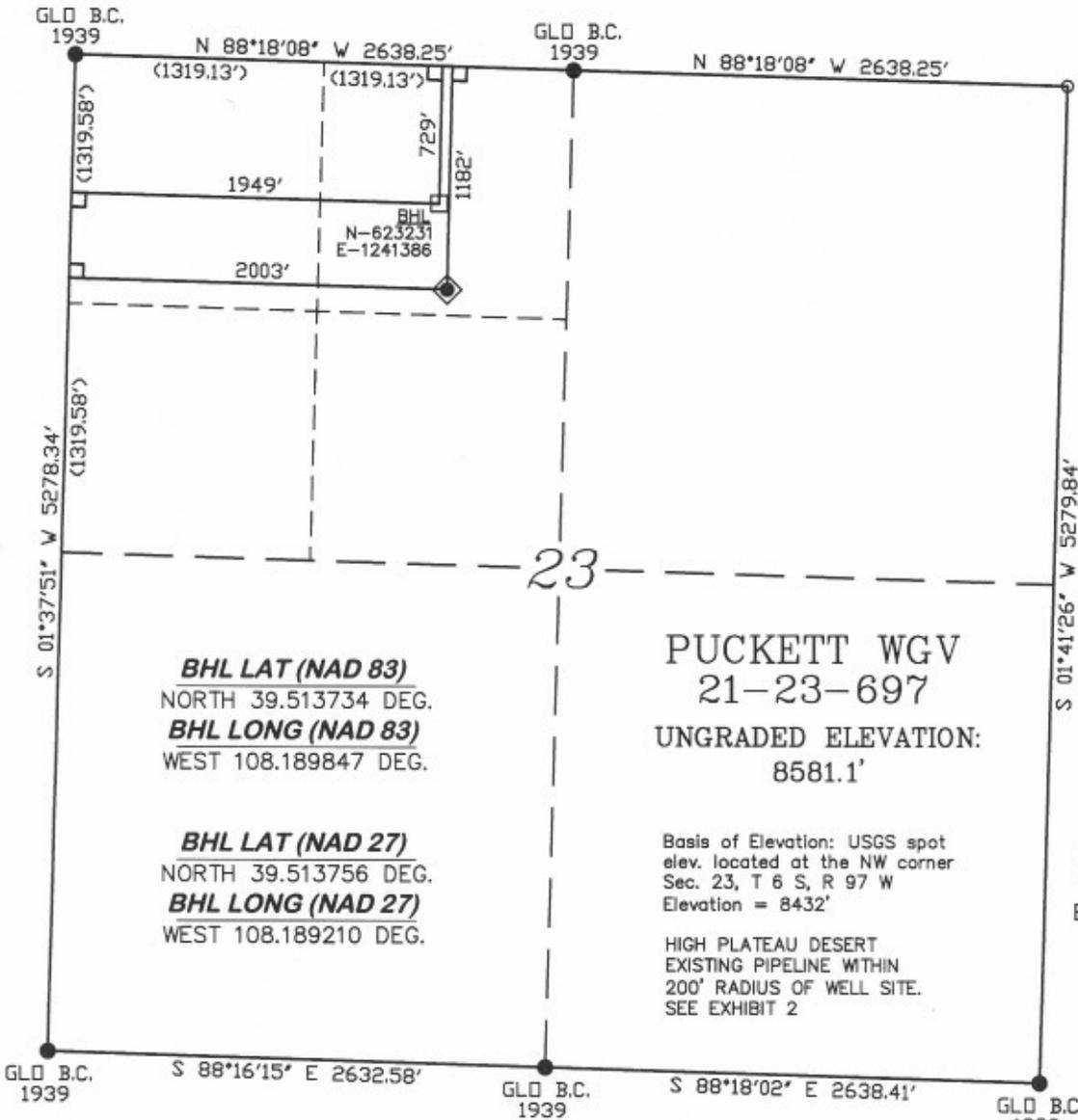
**EASTING**

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



**BHL LAT (NAD 83)**  
NORTH 39.513734 DEG.  
**BHL LONG (NAD 83)**  
WEST 108.189847 DEG.

**BHL LAT (NAD 27)**  
NORTH 39.513756 DEG.  
**BHL LONG (NAD 27)**  
WEST 108.189210 DEG.

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

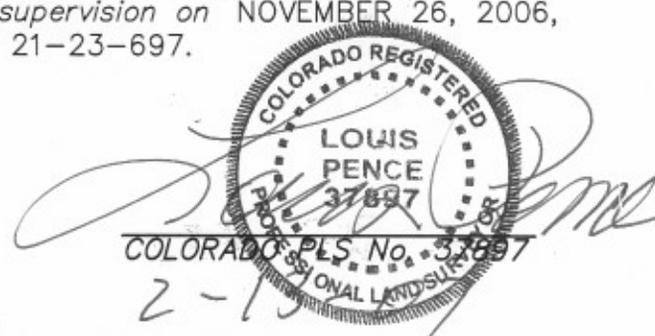


EXHIBIT 1

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

**PLAT OF DRILLING LOCATION  
FOR  
WILLIAMS PRODUCTION RMT COMPANY**

PH. (307) 362-5028

SCALE: 1" = 1000'

FAX (307) 362-1056

JOB No. 14736

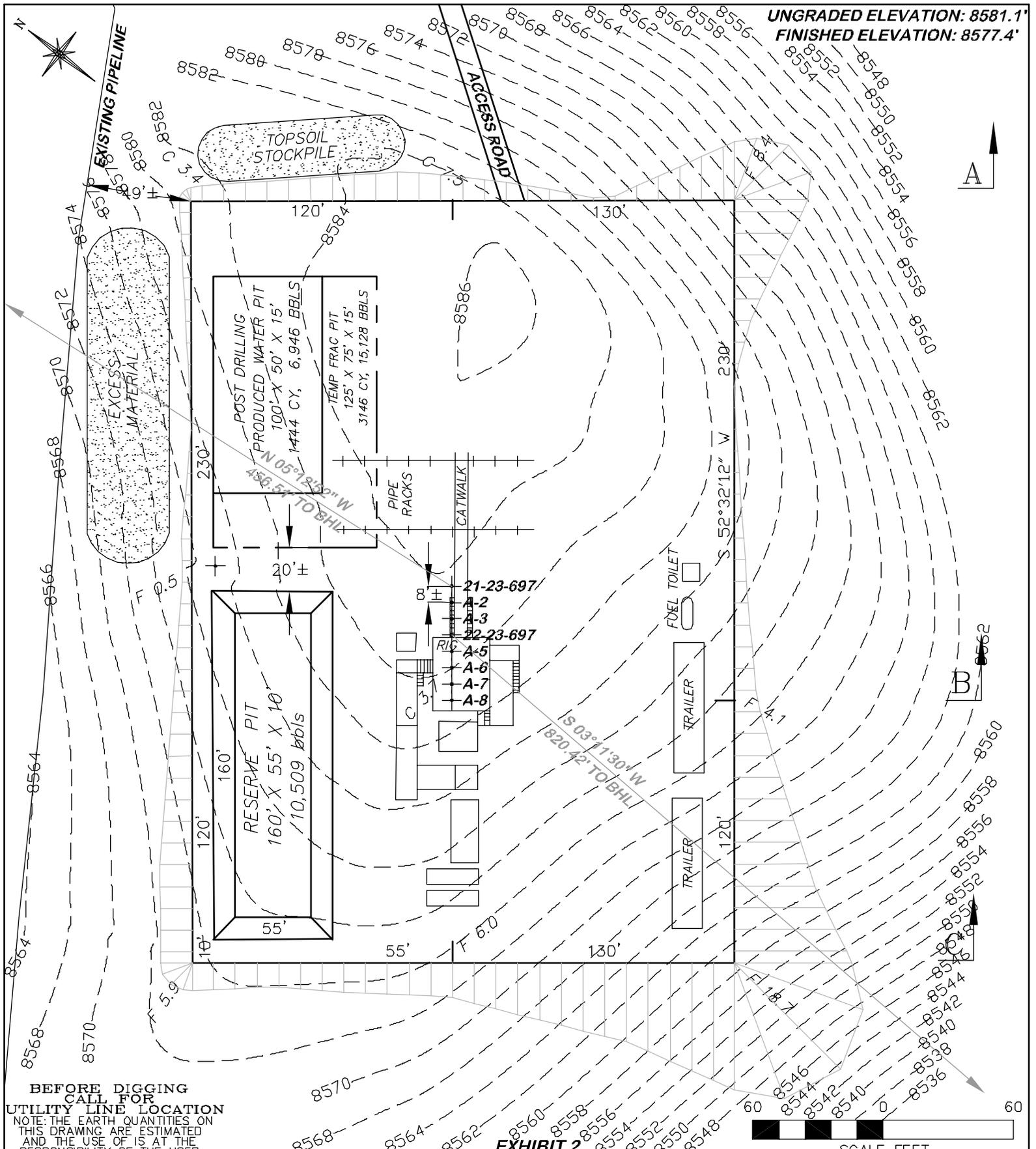
REVISED DATE: 2/13/07

DATE DRAWN: 1/9/07

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

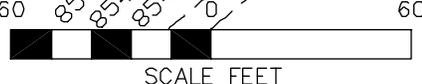


UNGRADED ELEVATION: 8581.1'  
 FINISHED ELEVATION: 8577.4'



**BEFORE DIGGING  
 CALL FOR  
 UTILITY LINE LOCATION**  
 NOTE: THE EARTH QUANTITIES ON  
 THIS DRAWING ARE ESTIMATED  
 AND THE USE OF IS AT THE  
 RESPONSIBILITY OF THE USER.

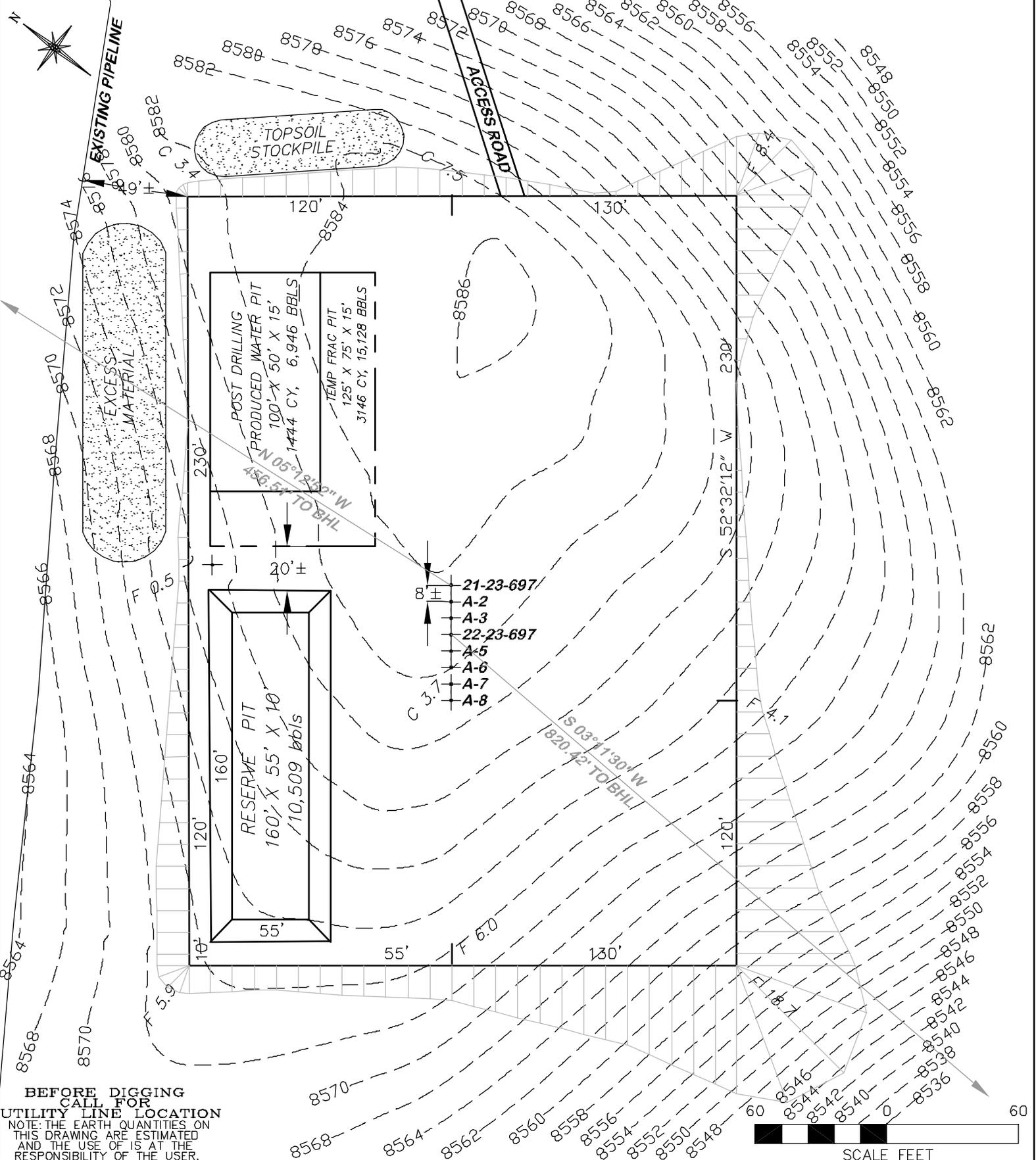
**EXHIBIT 2**



**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'	<table border="1"> <thead> <tr> <th>ITEM</th> <th>CUT</th> <th>FILL</th> <th>TOPSOIL</th> <th>EXCESS</th> </tr> </thead> <tbody> <tr> <td>PAD</td> <td>7445 CY</td> <td>5735 CY</td> <td>1620 CY</td> <td>90 CY</td> </tr> <tr> <td>PIT</td> <td>2185 CY</td> <td></td> <td></td> <td>2185 CY</td> </tr> <tr> <td><b>TOTALS</b></td> <td><b>9630 CY</b></td> <td><b>5735 CY</b></td> <td><b>1620 CY</b></td> <td><b>2275 CY</b></td> </tr> </tbody> </table>	ITEM	CUT	FILL	TOPSOIL	EXCESS	PAD	7445 CY	5735 CY	1620 CY	90 CY	PIT	2185 CY			2185 CY	<b>TOTALS</b>	<b>9630 CY</b>	<b>5735 CY</b>	<b>1620 CY</b>	<b>2275 CY</b>
	ITEM		CUT	FILL	TOPSOIL	EXCESS																
	PAD		7445 CY	5735 CY	1620 CY	90 CY																
PIT	2185 CY			2185 CY																		
<b>TOTALS</b>	<b>9630 CY</b>	<b>5735 CY</b>	<b>1620 CY</b>	<b>2275 CY</b>																		
JOB No. 14736																						
REVISED: 2/14/07																						



**BEFORE DIGGING  
CALL FOR  
UTILITY LINE LOCATION**  
NOTE: THE EARTH QUANTITIES ON  
THIS DRAWING ARE ESTIMATED  
AND THE USE OF IS AT THE  
RESPONSIBILITY OF THE USER.



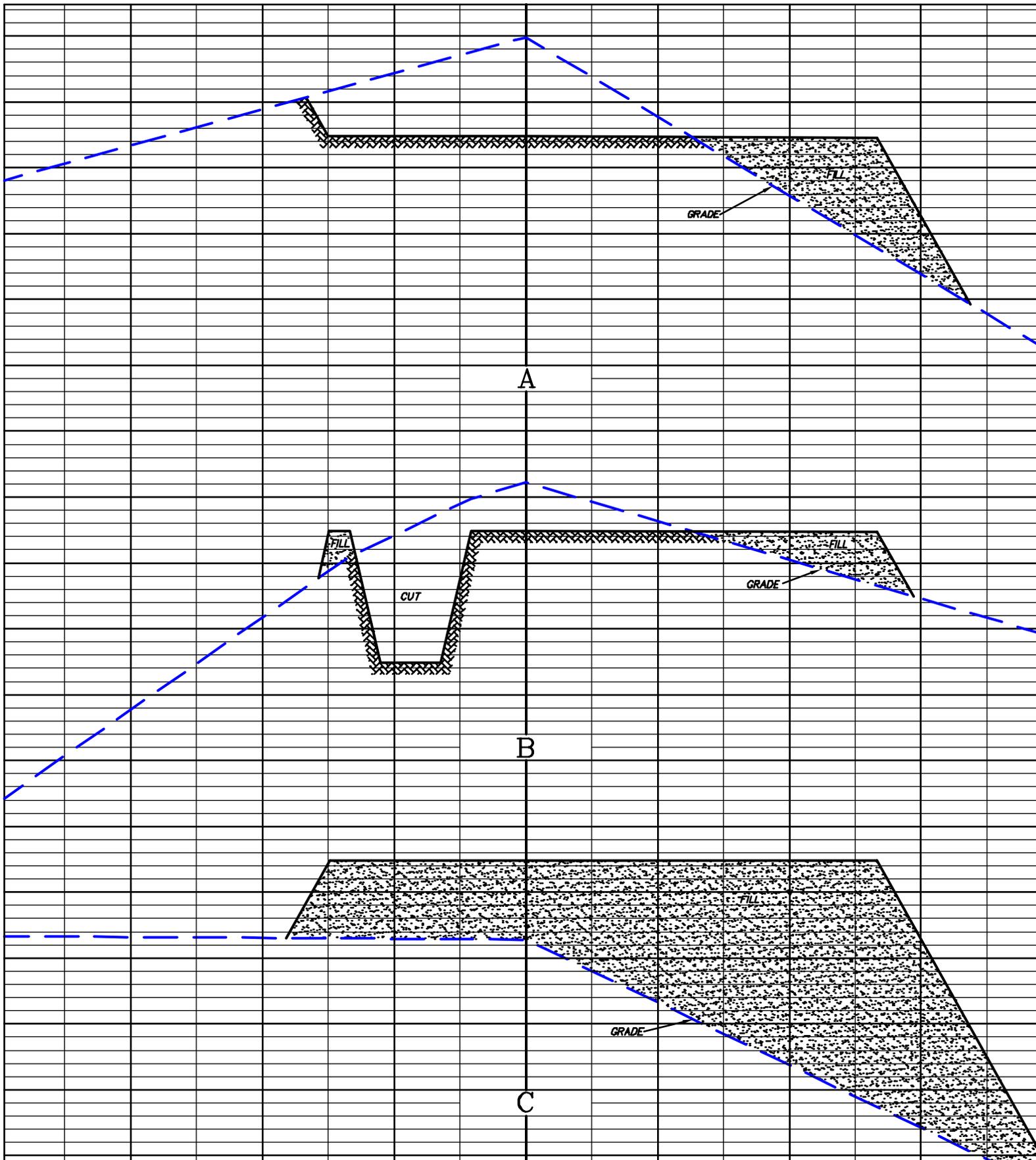
**DRG** RIFFIN & ASSOCIATES, INC.

**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



**DRG** RIFFIN & ASSOCIATES, INC.

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

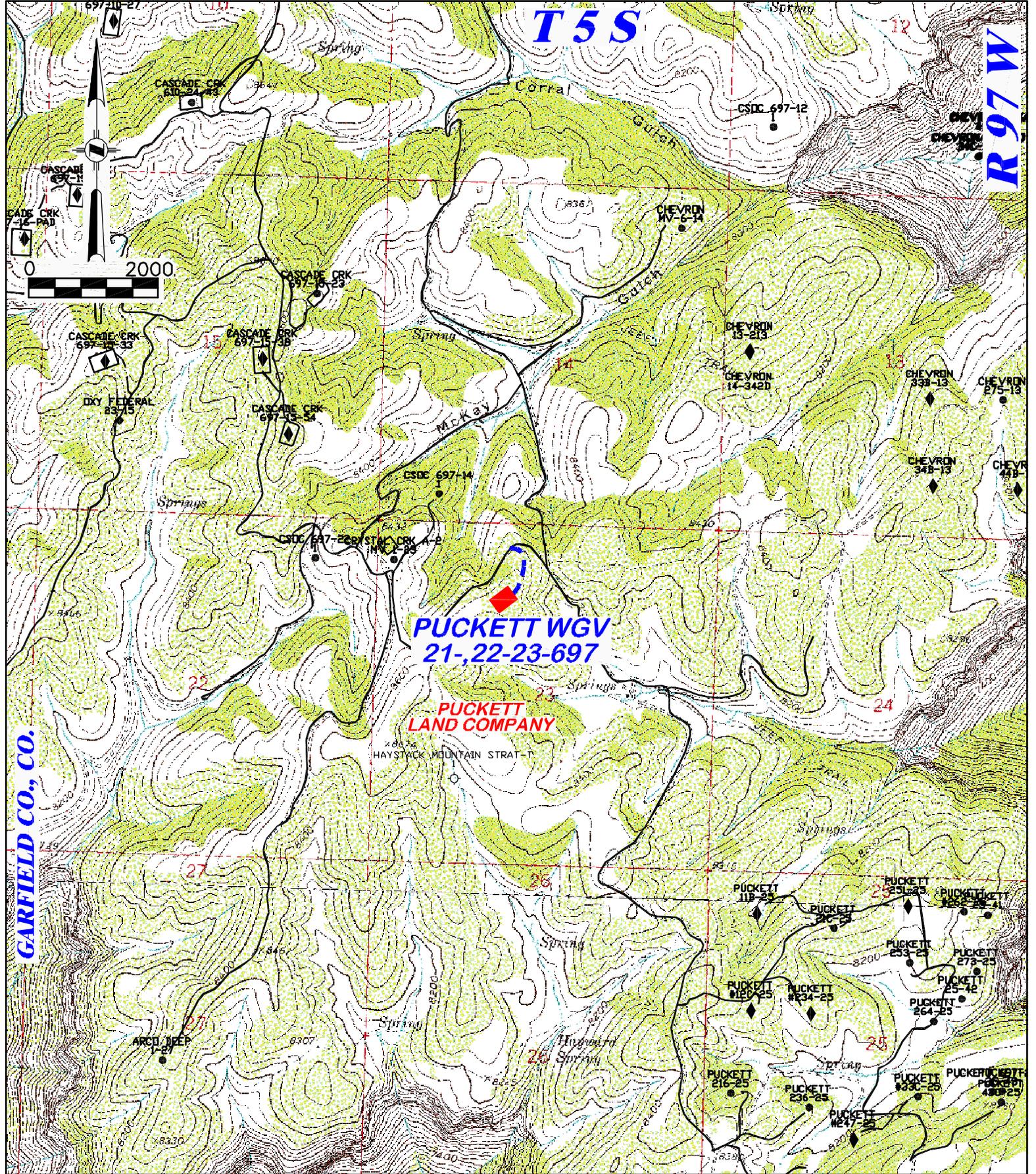
1414 ELK ST., SUITE 202  
ROCK SPRINGS, WY 82901  
(307) 362-5028

JOB No. 14736  
REVISED: 2/14/07

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

UNGRADED ELEVATION: 8581.1'  
FINISHED ELEVATION: 8577.4'

EXHIBIT 3



**DRG** RIFFIN & ASSOCIATES, INC.

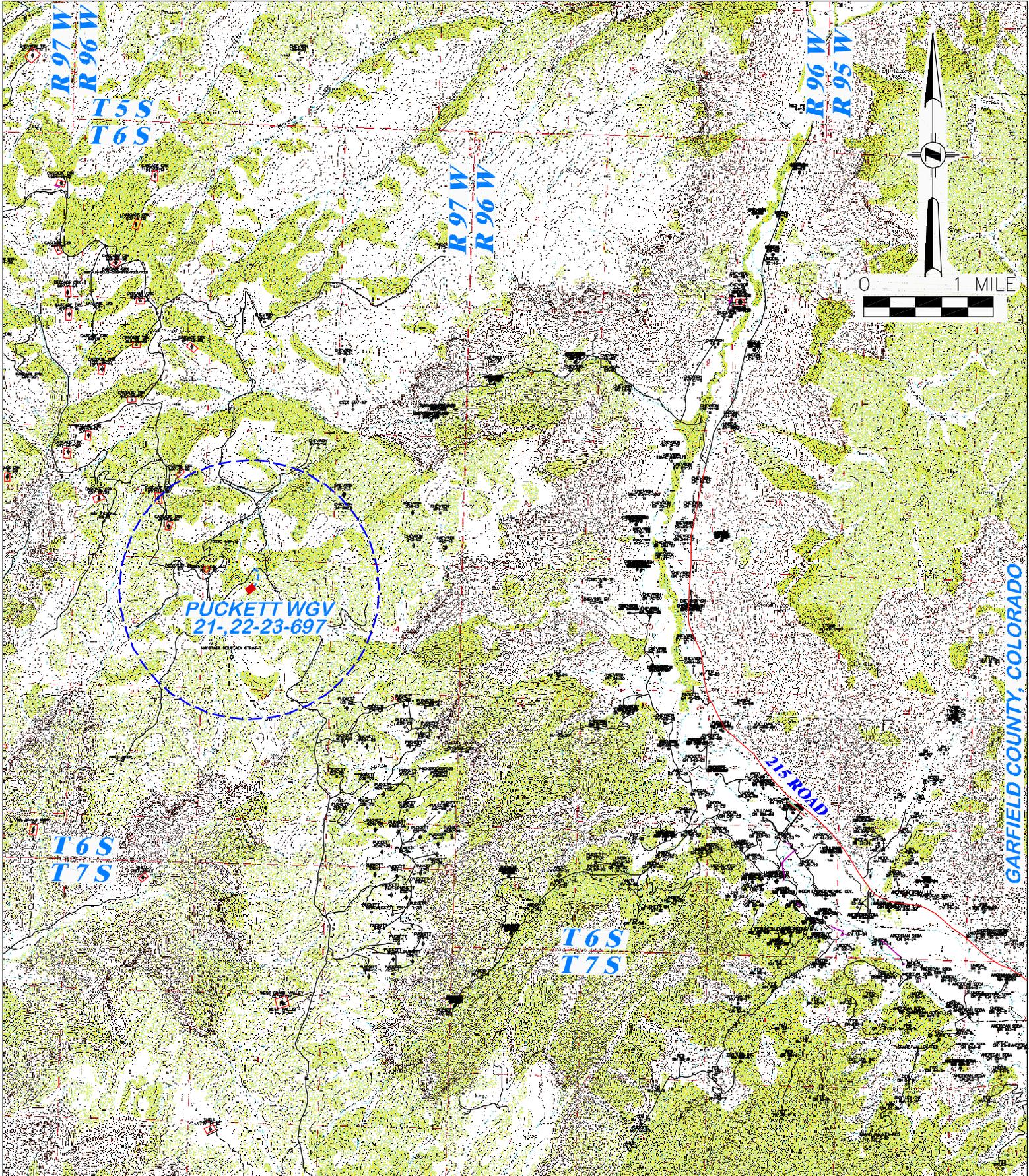
**PROPOSED ROAD FOR  
WILLIAMS PRODUCTION RMT COMPANY  
PUCKETT WGV 21-22-23-697**

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

SCALE: 1" = 2000'  
JOB No. 14736  
REVISED: 2/14/07

TOTAL PROPOSED LENGTH: 891±  
EXISTING ROAD   
PROPOSED ROAD 

**TOPO MAP  
A**



**DRG 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**

**DRG** RIFFIN & ASSOCIATES, INC.

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

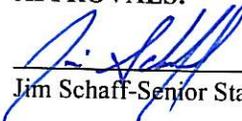
WPC WI: 100.00000%

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:

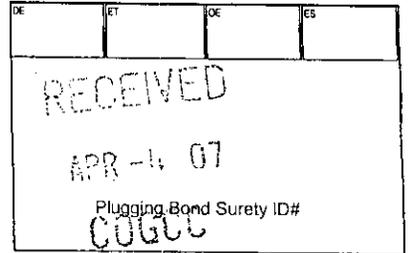
TITLE/ECONOMIC/BUSINESS RISKS:

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.

State of Colorado  
Oil and Gas Conservation Commission

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



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

10. QtrQtr: NENW Sec: 23 Twp: 6S Rng: 97W Meridian: 6th P.M.  
 Latitude: 39.512489 Longitude: 108.189652  
 Footage At Surface: 1182 FNL/FSL FNL FEL/FWL FWL 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

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		

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/FSL FNL FEL/FWL FWL At Bottom Hole: 729 FNL/FSL FNL FEL/FWL FWL 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: Approx 1182' 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  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: Approx 729' BHL 26. Total Acres in Lease: Approx 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 Recompaction 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		
			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 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



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

Oil and Gas Conservation Commission



RECEIVED APR -1, 07 20030107 Plugging Bond Surety ID# COGCC

APPLICATION FOR PERMIT TO

1 [X] Drill, [ ] Deepen, [ ] Re-enter, [ ] Recomplete and Operate

2 TYPE OF WELL OIL [ ] GAS [X] COALBED [ ] OTHER [ ] SINGLE ZONE [ ] MULTIPLE ZONES [ ] COMMINGLE ZONES [ ]

Refiling [ ] Sidetrack [ ]

Complete the Attachment Checklist

Table with 4 columns: Field Information, COGCC Operator Number, Attachment Checklist, and checkboxes for various documents like APD Ong & 1 Copy, Form 2A, etc.

WELL LOCATION INFORMATION

10 QtrQtr NENW Sec 23 Twp 6S Rng 97W Meridian 6th P M Latitude: 39 512489 Longitude 108 189652 Footage At Surface 1182 2003 Field Name Grand Valley Field Number 31290

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

15 If well is [X] Directional [ ] Horizontal (highly deviated), submit deviated drilling plan Bottomhole Sec Twp Rng NENW 23-T6S-R97W Footage At Top of Prod Zone 729 1949 At Bottom Hole 729 1949

16 Is location in a high density area (Rule 603b)? [ ] Yes [X] 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

LEASE, SPACING AND POOLING INFORMATION

Table with 5 columns: Objective Formation(s), Formation Code, Spacing Order Number (s), Unit Acreage Assigned to Well, Unit Configuration (N/2, SE/4, etc)

21 Mineral Ownership [X] Fee [ ] State [ ] Federal [ ] Indian Lease # 22 Surface Ownership [X] Fee [ ] State [ ] Federal [ ] Indian 23 Is the Surface Owner also the Mineral Owner? [ ] Yes [X] 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 [X] 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 729' BHL 26 Total Acres in Lease Approx 9180

DRILLING PLANS AND PROCEDURES

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

Table with 8 columns: String, Size of Hole, Size of Casing, Weight Per Foot, Setting Depth, Sacks Cement, Cement Bottom, Cement Top

32 BOP Equipment Type [X] Annular Preventor [X] 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 [Signature] 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 [Signature] 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

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

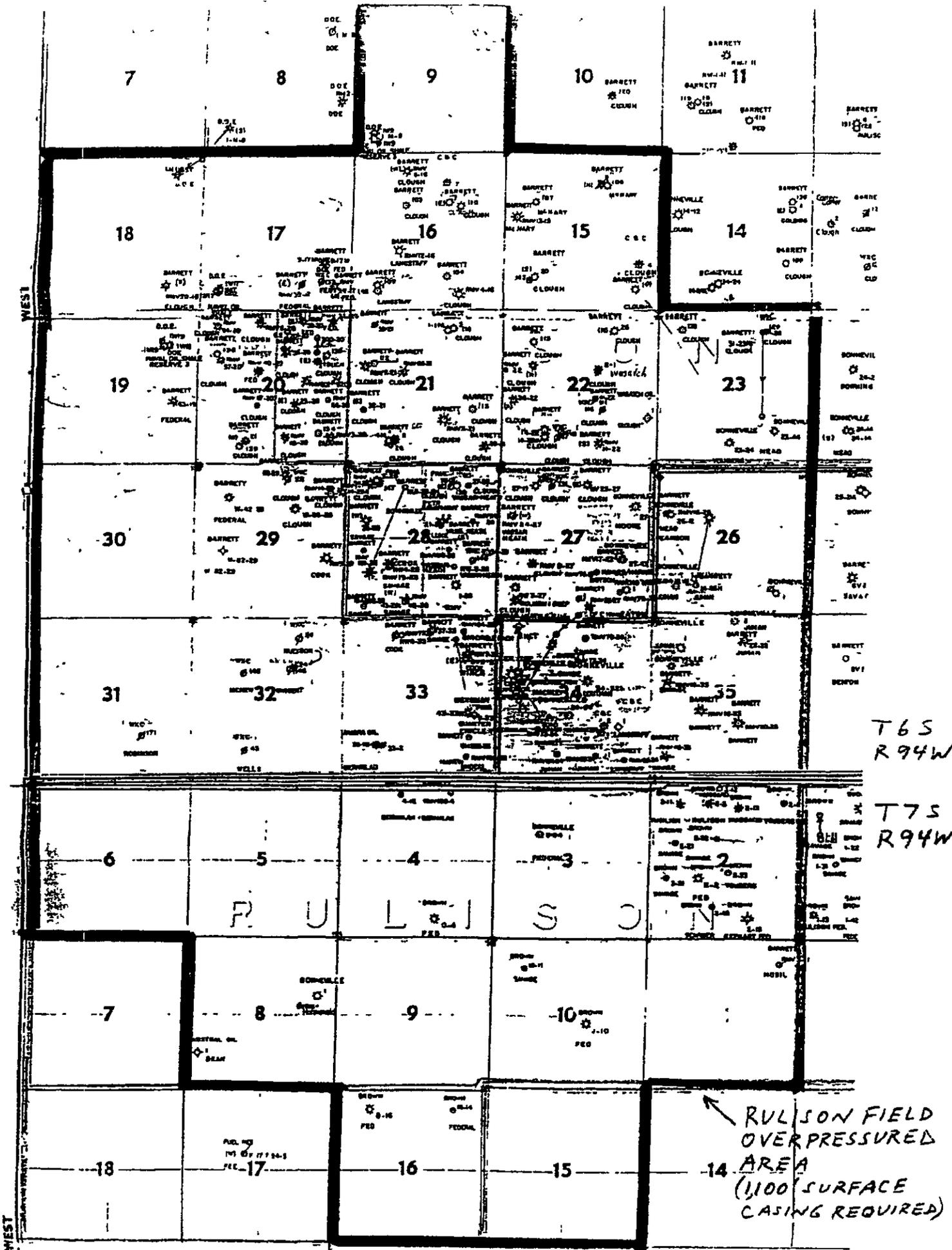
The following shall be required in all fields in Garfield County

- 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](mailto: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



T6S  
R94W

T7S  
R94W

↖ RULISON FIELD  
OVERPRESSURED  
AREA  
(1100' SURFACE  
CASING REQUIRED)

R U L I S O N

WEST

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

FOR OGCC USE ONLY  
**RECEIVED**  
APR - 4 07  
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>
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>	

**Complete the Attachment Checklist**

	Oper	OGCC
Drill site and access photographs	X	
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 _____ , B _____ , C <u>24-60"</u>
Soils Series name _____	Horizon thickness (in inches): A _____ , B _____ , C _____
Soils Series name _____	Horizon thickness (in inches): A _____ , B _____ , C _____

**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

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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  Title Sr Engineering Technician Date 4/2/07



DE RB ET OF KK 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	POOP Reading	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		<input type="checkbox"/> Dry <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas	
12 Spud Date (when the 1st bit hit the dirt) 9/14/2007	13 Date TD 9/24/2007	14 Date Casing Set or D&A 9/25/2007	<input type="checkbox"/> Coalbed <input type="checkbox"/> Disposal
16 Total Depth MD 9260' TVD** 9238'	17 Plug Back Total Depth MD 9140' TVD**	<input type="checkbox"/> Stratigraphic	<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
19 List Electric Logs Run CBL, Reservoir Monitor Tool Elite, M.U.O			<input type="checkbox"/> Observation
		<input type="checkbox"/> Other	

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									
Liner									
Liner									

21.

FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS
	Top	Bottom	DST	Cored	
Mesaverde/L/M.F.K	6100'				All DST and Core Analyses must be submitted to COGCC Surface Pressure =0# WAITING ON AS BUILTS
Cameo	8570'				
Rollins	9000'				

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



DE [ ] ET [ ] OE [ ] 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

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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.

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

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: 3753 Gals 10% HCL, 1168196 # 20/40 Sand, 13633 Bbls Slickwater, CO2 125 TONS (Summary)

This formation is commingled with another formation:  No

Test Information  
 Date: 01/01/08 Hours: 24 Bbls oil: 0 Mcf Gas: 1089 Bbls H<sub>2</sub>O: 0  
 Calculated 24 hour rate: Bbls oil: 0 Mcf Gas: 0 Bbls H<sub>2</sub>O: 0 GOR: 0  
 Test Method: Flowing Casing PSI: 1202 Tubing PSI: 1163 Choke size: 1464"  
 Gas Disposition: Sold Gas Type: Dry BTU Gas: 1152 API Gravity Oil: 0  
 Tubing Size: 2 3/8" Tubing Setting Depth: 8736' Tbg setting date: 10/25/07 Packer Depth: 0  
 Reason for Non-Production: 0  
 Date formation Abandoned: 0 Squeezed:  Yes  No If yes number of sacks cmt: 0  
 Bridge Plug Depth: 0 Sacks cement on top: 0

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:

This formation is commingled with another formation:

Test Information  
 Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls H<sub>2</sub>O: \_\_\_\_\_  
 Calculated 24 hour rate: Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls H<sub>2</sub>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:  Yes  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



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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

Add/Change Transporter or Gatherer

Effective Date \_\_\_\_\_

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 State Zip Tulsa OK 74136	City State Zip Denver CO 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 Zip	City State 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 *DS* 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.

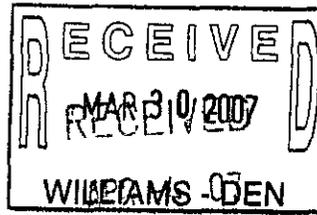
The new rule also requires posting a sign on your property to inform your tenants, if any, the general public of our intent to drill. You may waive this requirement by contacting our representative. You, as the landowner, are responsible for notifying any affected tenants of the operations.

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 <sup>th</sup> P M
	Puckett WGV 22-23-697	SE/4NW/4 of Section 23, Township 6 South, Range 97W, 6 <sup>th</sup> 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  
Landman II

Surface Owner  
Puckett Land Company

By

Name Jeffrey V. Puckett

Title President

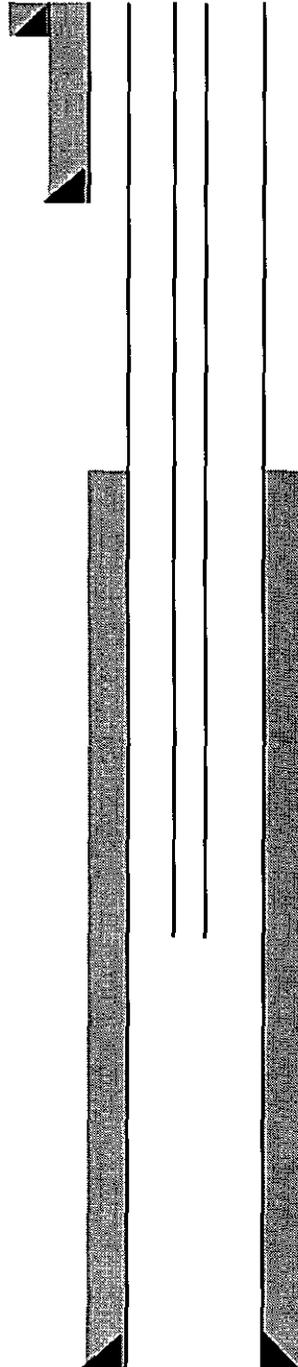
Date 3/23/07



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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

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'

Perforations

Cameo @ 8570'

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

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

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

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Plugging Bond Surety ID#  
COGCC

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	
		OP	COGCC
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	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 22-23-697	Topo map	X
8. Unit Name (if appl):		Mineral lease map	X
9. Proposed Total Measured Depth: 9266		Surface agrmt/Surety	X
10. QtrQtr: NENW Sec: 23 Twp: 6S Rng: 97W Meridian: 6th P.M.		30 Day notice letter	X
Latitude: 39.512450 Longitude: 108.189714		Deviated Drilling Plan	X
Footage At Surface: 1196 FNL 1986 FWL		Exception Location Request	
11. Field Name: Grand Valley Field Number: 31290		Exception Loc Waivers	
12. Ground Elevation: 8581 13. County: Garfield		H2S Contingency Plan	
14. GPS Data: Date of Measurement: 11/26/2006 PDOP Reading: 2.1 Instrument Operator's Name: Mark Bessie		Federal Drilling Permit	

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 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 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

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: 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  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 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: Bruce J. Mackie 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

State



RECEIVED 20030107 APR -4 07 Plugging Bond Surety ID# COGCC

APPLICATION FOR PERMIT TO:

1 [X] Drill, [ ] Deepen, [ ] Re-enter, [ ] Recomplete and Operate

2 TYPE OF WELL OIL [ ] GAS [X] COALBED [ ] OTHER [ ] SINGLE ZONE [ ] MULTIPLE ZONES [ ] COMMINGLE ZONES [ ]

Refrilling [ ] Sidetrack [ ]

3 Name of Operator Williams Production RMT Company 4 COGCC Operator Number 96850
5 Address 1515 Arapahoe St, Tower 3, #1000
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
10 Qtr/Sec/Twp/Rng/Mendian 6th P M
11 Field Name Grand Valley Field Number 31290
12 Ground Elevation 8581 13 County Garfield

Attachment Checklist table with columns OP and COGCC. Rows include APD Orig & 1 Copy, Form 2A, Well location plat, Topo map, Mineral lease map, Surface agrmt/Surety, 30 Day notice letter, Deviated Drilling Plan, Exception Location Request, Exception Loc Waivers, H2S Contingency Plan, 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 [X] 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 FWL

16 Is location in a high density area (Rule 603b)? [ ] Yes [X] 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 1196' SHL 19 Distance to nearest well permitted/completed in the same format Approx 1256' From BHL

20 LEASE, SPACING AND POOLING INFORMATION

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

21 Mineral Ownership [X] Fee [ ] State [ ] Federal [ ] Indian
22 Surface Ownership [X] Fee [ ] State [ ] Federal [ ] Indian
23 Is the Surface Owner also the Mineral Owner? [ ] Yes [X] No
23a If 23 is Yes Is the Surface Owner(s) signature on the lease? [ ] Yes [ ] No
23b If 23 is No [X] Surface Owners Agreement Attached or [ ] \$25,000 Blanket Surface Bond [ ] \$2,000 Surface Bond [ ] \$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? [ ] Yes [X] No If Yes, attach contingency plan
28 Will salt sections be encountered during drilling? [ ] Yes [X] No
29 Will salt (>15,000 ppm TDS Cl) or oil based muds be used during drilling? [ ] Yes [X] No
30 If questions 27 or 28 are yes, is this location in a sensitive area (Rule 903)? [ ] Yes [X] No If 28, 29 or 30 are "Yes" a pit permit may be required
31 Mud disposal [ ] Offsite [X] Onsite
Method [ ] Land Farming [ ] Land Spreading [ ] Disposal Facility [X] 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
Table with columns: String, Size of Hole, Size of Casing, Weight Per Foot, Setting Depth, Sacks Cement, Cement Bottom, Cement Top. Rows: Surface, Production, Stage Tool.

32 BOP Equipment Type [X] Annular Preventor [X] 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 Prnt 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 [Signature] Director of COGCC Date 05-15-07
Permit Number 20071692 Expiration Date 05-14-08

API NUMBER 05-045-14155-00

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 [jaimed@state.co.us](mailto:jaimed@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



FORM 2A Rev 6/99

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 RECEIVED APR -1, 07 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 96850
2 Name of Operator Williams Production RMT Company
3 Address 1515 Arapahoe Street, Tower 3, Suite 1000
City Denver State CO Zip 80202
4 Contact Name and Telephone Howard Harris
No (303) 606-4086
Fax (303) 629-8285
5 Well Name and No Puckett WGV 22-23-697 6 County Garfield
7 Location (QtrQtr, Sec, Twp, Rng, Meridian) NWNW 23 6S 97W 6th P M

Complete the Attachment Checklist
Table with columns: Attachment, Oper, OGCC
Rows: Drill site and access photographs, COE Section 404 documentation

Pre-Drilling Information Current Land Use

8 Crop Land Irrigated Dry Land Improved Pasture Hay Meadow CRP
9 Non-crop land Rangeland Timber Recreational Other (describe) Native Pasture
10 Subdivided Industrial Commercial 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 24 Soil Complex/Series No 67
Soils Series name Tosca Channery Loam Horizon thickness (in inches) A 0-8" B 8-15" C 15-24"
Soils Series name 25 to 80% Slopes Horizon thickness (in inches) A 24-60"

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 Grassland Shrub and Brush Land Plains Deciduous Riparian Mountain Conifer Riparian Evergreen Forest Land Aquatic Tundra

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



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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 Niefert  
 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

Complete the Attachment Checklist

5 API Number 05-045-14155-00 6 County Garfield Logs     
 7 Well Name PUCKETT Well Number WGV 22-23-697 Directional Survey\*\*   
 8 Location (Qtr/Sec, Twp, Rng, Meridian) NENW Sec 23-T6S-R97W DST Analysis   
 Footage at surface 1196'  FNL 1986'  FWL  Core Analysis   
 As Drilled Latitude WAITING ON AS BUILTS As Drilled Longitude  Cmt summary\*   
 GPS Data   
 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  Dry  Oil  Gas  
 11 Federal, Indian or State Lease Number  Coalbed  Disposal  
 12 Spud Date (when the 1st bit hit the dirt) 8/29/2007 13 Date TD 9/11/2007 14 Date Casing Set or D&A 9/13/2007  Stratigraphic  
 16 Total Depth MD 9277' TVD\*\* 9249' 17 Plug Back Total Depth MD 8990' TVD\*\*  Enhanced Recovery  
 18 Elevations GR 8581' KB 8598'  Gas Storage  
 One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available  Observation  
 19 List Electric Logs Run  Other   
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/UMFK	6100'			
Cameo	8570'			
Rollins	8896'	8914'		

All DST and Core Analyses must be submitted to COGCC

COMMENTS
Surface Pressure =0#

Per  
6-2-08  
PAB

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 Niefert E-mail Angela.Niefert@Williams.com  
 Signature Angela J Niefert 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 a flying finger goof 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](mailto:penny.garrison@state.co.us)*

06/26/2008

State of Colorado  
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

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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.

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

**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

6500 Gals 10% HCL, 685400 # 20/40 Sand, 17574Bbbls Slickwater (Summary)

This formation is commingled with another formation  **No**

**Test Information:**

Date 01/01/08 Hours 24 Bbbls oil 0 Mcf Gas 1119 Bbbls H<sub>2</sub>O 0

Calculated 24 hour rate Bbbls oil 0 Mcf Gas 0 Bbbls H<sub>2</sub>O 0 GOR 0

Test Method Flowing Casing PSI 1182 Tubing PSI 1087 Choke size 1464"

Gas Disposition Sold Gas Type Dry BTU Gas 1080 API Gravity Oil 0

Tubing Size 2 3/8" Tubing Setting Depth 8809 3' Tbg setting date 10/31/07 Packer Depth 0

Reason for Non-Production 0

Date formation Abandoned 0 Squeezed  Yes  No If yes number of sacks cmt 0

Bridge Plug Depth 0 Sacks cement on top 0

**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

This formation is commingled with another formation

**Test Information.**

Date \_\_\_\_\_ Hours \_\_\_\_\_ Bbbls oil \_\_\_\_\_ Mcf Gas \_\_\_\_\_ Bbbls H<sub>2</sub>O \_\_\_\_\_

Calculated 24 hour rate Bbbls oil \_\_\_\_\_ Mcf Gas \_\_\_\_\_ Bbbls H<sub>2</sub>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  Yes  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



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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 10/24/2007

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	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 State Zip Tulsa OK 74136	City State Zip Denver CO 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 Zip	City State 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 *DD* 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.

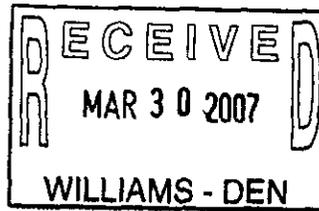
The new rule also requires posting a sign on your property to inform your tenants, if any, the general public of our intent to drill. You may waive this requirement by contacting our representative. You, as the landowner, are responsible for notifying any affected tenants of the operations.

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 3000  
 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 <sup>th</sup> P M
	Puckett WGV 22-23-697	SE/4NW/4 of Section 23, Township 6 South, Range 97W, 6 <sup>th</sup> 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

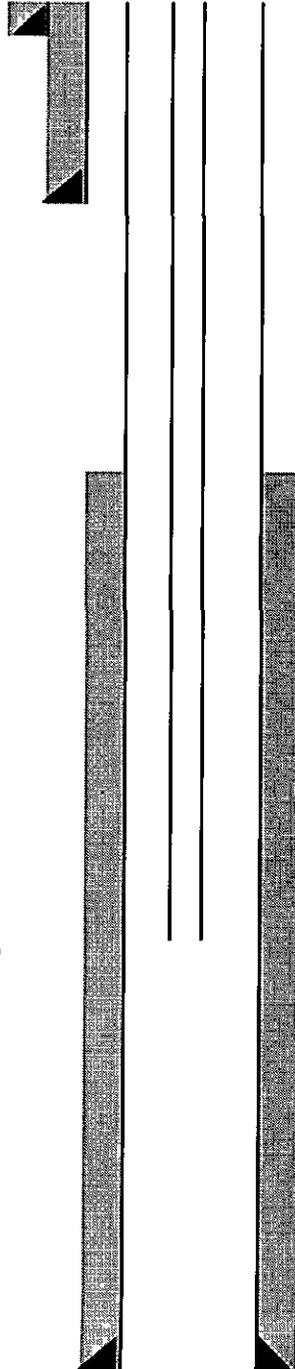


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**Williams Production RMT Co.  
WGV 22-23-697  
Grand Valley Field  
Section 23-T6S-R97W 6th PM  
Garfield County Colorado**

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

**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

**FORM SUBMITTED FOR:**

Pit Report       Pit Permit

Oper OGCC

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 form 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

**FORM SUBMITTED FOR:**

Pit Report       Pit Permit

Oper OGCC

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 form 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



FOR OGCC USE ONLY

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

**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	X	
COE Section 404 documentation		

**Pre-Drilling Information  
Current Land Use**

8. Crop Land:  Irrigated  Dry Land  Improved Pasture  Hay Meadow  CRP

9. Non-crop land:  Rangeland  Timber  Recreational  Other (describe): \_\_\_\_\_

10. Subdivided:  Industrial  Commercial  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: Website Data Soil Complex/Series No: 57

Soils Series name: Parachute Horizon thickness (in inches): A: 0-10" ; B: 10-25" ; C: 25-29"

5 to 30% Slopes Horizon thickness (in inches): A: \_\_\_\_\_ ; B: \_\_\_\_\_ ; C: \_\_\_\_\_

Soils Series name: Rhone Horizon thickness (in inches): A: 0-10" ; B: 10-39" ; C: 39-55"

5 to 30% Slopes Horizon thickness (in inches): A: 55-59" ; B: \_\_\_\_\_ ; C: \_\_\_\_\_

**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: 11/21/07

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): Existing Location

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: Lisa Dee

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

Oper	OGCC
Chemical Analysis of fluid	

OGCC Disposal Facility Number: Applied For

Operator's Disposal Facility Name: Puckett WGV 21-23-697 pad Operator's Disposal Facility Number: \_\_\_\_\_

Location (QtrQtr, Sec, Twp, Rng, Meridian): NENW of Sect. 23: T6S-R97W

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ County: Garfield

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

Oper	OGCC
Chemical Analysis of fluid	

OGCC Disposal Facility Number: Applied For

Operator's Disposal Facility Name: Puckett WGV 21-23-697 pad Operator's Disposal Facility Number: \_\_\_\_\_

Location (QtrQtr, Sec, Twp, Rng, Meridian): NENW of Sect. 23; T6S-R97W

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ County: Garfield

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: \_\_\_\_\_

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 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: \_\_\_\_\_

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 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	<b>100 ft</b>	<b>50 ft</b>
Water Surface Exposure	<b>80 ft</b>	<b>30 ft</b>
Water Surface Area	<b>2,400 Sq Ft</b>	

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

$$\frac{40 \text{ inches}}{1 \text{ year}} \times \frac{1 \text{ Ft}}{12 \text{ inches}} = \frac{3.3333 \text{ Ft}}{\text{year}}$$

$$\frac{3.3333 \text{ Ft}}{\text{year}} \times \frac{2400 \text{ Sq Ft}}{1} = \frac{8,000 \text{ Cu Ft}}{\text{year}}$$

$$\frac{8,000 \text{ Cu Ft}}{\text{year}} \times \frac{1 \text{ bbl}}{5.615 \text{ Cu Ft}} = \frac{1424.76 \text{ bbl}}{\text{year}}$$

$$\frac{1424.76 \text{ bbl}}{1 \text{ year}} \times \frac{1 \text{ year}}{365 \text{ days}} = \frac{3.90344 \text{ bbl}}{\text{day}}$$

**Estimated Average Evaporation Rate Is 3.90 bbls / day**

