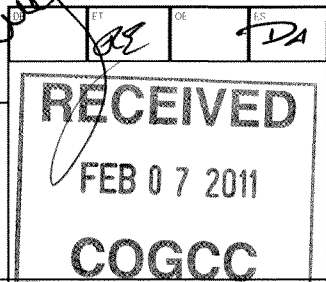


State of Colorado  
Oil and Gas Conservation Commission

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



01719056



## SUNDRY NOTICE

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

Complete the Attachment  
Checklist

OP OGCC

1. OGCC Operator Number: 96850*	4. Contact Name: Howard Harris	Survey Plat	X	
2. Name of Operator: Williams Production RMT Co.	Phone: (303) 606-4086	Directional Survey	X	
3. Address: 1515 Arapahoe St., Tower 3, Suite 1000	Fax: (303) 629-8268	Surface Eqmpt Diagram		
City: Denver State: CO Zip 80202		Technical Info Page	X	
5. API Number 05-103-11484*	OGCC Facility ID Number	Other		
6. Well/Facility Name: Federal*	7. Well/Facility Number: RGU 33-6-297R*			
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): NESW Sec 6 T2S R97W*				
9. County: Rio Blanco*	10. Field Name: Sulphur Creek*			
11. Federal, Indian or State Lease Number: COC062046*				

## General Notice

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

Change of <b>Surface</b> Footage <b>from</b> Exterior Section Lines:	<input type="text"/>	FNL/FSL FSL	<input type="text"/>	FEL/FWL FWL
Change of <b>Surface</b> Footage <b>to</b> Exterior Section Lines:	<input type="text"/>	FNL/FSL FSL	<input type="text"/>	FEL/FWL FWL
Change of <b>Bottomhole</b> Footage <b>from</b> Exterior Section Lines:	2436*	FNL/FSL FSL	1899*	FEL/FWL FEL
Change of <b>Bottomhole</b> Footage <b>to</b> Exterior Section Lines:	2553*	FNL/FSL FSL	1902*	FEL/FWL FEL

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer NWSE Sec 6 T2S-R97W\*

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

Longitude  Distance to nearest lease line 1902 Is location in a High Density Area (rule 603b)? Yes/No NO

Ground Elevation  Distance to nearest well same formation 226 Surface owner consultation date:

## GPS DATA:

Date of Measurement  PDOP Reading  Instrument Operator's Name ☐ CHANGE SPACING UNITFormation  Formation Code  Spacing order number  Unit Acreage  Unit configuration ☐ Remove from surface bond

Signed surface use agreement attached

☐ CHANGE OF OPERATOR (prior to drilling):Effective Date:   
Plugging Bond: ☐ Blanket ☐ Individual☐ CHANGE WELL NAME

NUMBER

From:   
To:   
Effective Date: ☐ ABANDONED LOCATION:Was location ever built? ☐ Yes ☐ No  
Is site ready for inspection? ☐ Yes ☐ No  
Date Ready for Inspection: ☐ NOTICE OF CONTINUED SHUT IN STATUSDate well shut in or temporarily abandoned:   
Has Production Equipment been removed from site? ☐ Yes ☐ No  
MIT required if shut in longer than two years. Date of last MIT ☐ SPUD DATE:☐ REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)☐ SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK

\*submit cbl and cement job summaries

Method used  Cementing tool setting/perf depth  Cement volume  Cement top  Cement bottom  Date ☐ RECLAMATION:

Attach technical page describing final reclamation procedures per Rule 1004.

Final reclamation will commence on approximately  ☐ Final reclamation is completed and site is ready for inspection.

## Technical Engineering/Environmental Notice

☒ Notice of IntentApproximate Start Date: 2/3/2011☐ Report of Work DoneDate Work Completed: 

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

<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input checked="" type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input type="checkbox"/> Casing/Cementing Program Change	<input type="checkbox"/> Other: <input type="text"/>	for Spills and Releases

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

Signed: Howard HarrisDate: 2/3/11 Email: Howard.Harris@Williams.ComPrint Name: Howard HarrisTitle: Sr. Regulatory SpecialistCOGCC Approved: [Signature]Title PEDate: 3-7-11

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

RECEIVED

FEB 07 2011

COGCC

1. OGCC Operator Number: 96850 API Number: 05-103-11484-00  
2. Name of Operator: Williams Production RMT Co OGCC Facility ID #  
3. Well/Facility Name: Federal Well/Facility Number: RGU 33-6-297  
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NESW Sec 6 T2S-R97W

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

5.

DESCRIBE PROPOSED OR COMPLETED OPERATIONS

Williams request permission to change the BHL as indicated on page 1  
36# 9 5/8" Sfc Csg depth will change from 3352' to 3111', Cement to surface.  
11.6# 4 1/2" production casing will change from 12167' to 12123, Cement 200' above top mesaverde.

R. 97 W.

N

GLD B.C.  
1938

GLD B.C.  
1938

GLD B.C.  
1938

RECEIVED

FEB 07 2011

COGCC

SCALE 1" = 1000

T. 2 S.

**FEDERAL RGU  
33-6-297R**

ELEVATION:

6221.3'

BASIS OF ELEVATION: USGS SPOT  
ELEVATION LOCATED AT THE SW  
CORNER SECTION 6, T2S R97W,  
ELEVATION = 6273'

**LATITUDE (NAD 83)**  
NORTH 39.904720 DEG.  
**LONGITUDE (NAD 83)**  
WEST 108.325479 DEG.

**NORTHING (NAD 83)**  
1766755.45  
**EASTING (NAD 83)**  
2207406.88

**BASIS OF BEARING/DATUM**

ALL BEARINGS ARE GRID BEARINGS  
OF THE SPCS CO, NORTH ZONE,  
NAD 27. THE BASIS OF GRID  
BEARING IS THE WEST LINE OF THE  
SW 1/4 OF SEC. 6, BEING  
MONUMENTED WITH GLO BC'S. THAT  
BEARING BEING N 03°10'15" E.

GLD B.C.  
1938

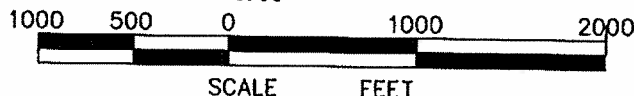
GLD B.C.  
1938

GLD B.C.  
1938

**NOTES**

HIGH PLATEAU DESERT  
EXISTING WELL FEATURES WITHIN  
400' RADIUS OF WELL SITE.

GPS OPERATOR JAMES SEAL  
OBSERVED A PDOP OF 1.6.  
ALL GPS OBSERVATIONS ARE IN  
COMPLIANCE WITH COGCC RULE No.215.



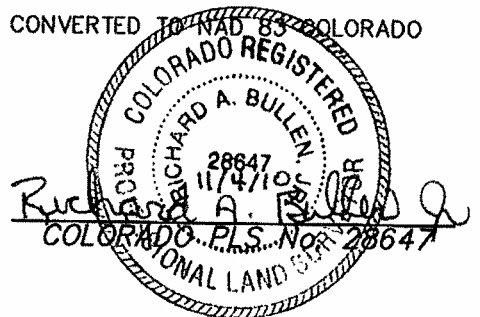
**SURVEYOR'S STATEMENT**

I, RICHARD A. BULLEN JR., AN EMPLOYEE AND AGENT ON BEHALF OF D.R. GRIFFIN & ASSOCIATES, INC. STATE THE  
PLAT HEREON IS A CORRECT REPRESENTATION OF A SURVEY MADE UNDER MY SUPERVISION ON FEBRUARY 8, 2010  
OF THE SHOWN FEDERAL RGU 33-6-297R.  
FIELD SURVEY DATUM IS NAD 27 COLORADO NORTH. VALUES HAVE BEEN CONVERTED TO NAD 83 COLORADO  
CENTRAL (X,Y) FOR PURPOSES OF THIS PLAT.

**LEGEND**

- ◆ WELL LOCATION
- BOTTOM HOLE LOC. (APPROX)
- FOUND MONUMENT
- ▲ PREVIOUSLY FOUND MONUMENT

FEDERAL RGU 23-6-297 PAD



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

(307) 362-5028

DRAWN: 3/23/09 - MMM

SCALE: 1" = 1000'

REVISED: 11/04/10 - RAB

DRG JOB No. 12455

MOVED BHL

EXHIBIT 1

**PLAT OF AS-BUILT LOCATION  
FOR**

**WILLIAMS PRODUCTION RMT COMPANY**

**2409' F/SL & 2194' F/WL, NESW, SECTION 6,  
T. 2 S., R. 97 W., 6th P.M.  
RIO BLANCO COUNTY, COLORADO**

GEOLOGIC & DRILLING PROGNOSIS

WELL NAME:

Federal RGU 33-6-297R

LOCATION: Sec 6-T2S-R92W

Ryan Gulch Unit

Surface:

2207406.9 1766755.5 X:Y

Bottom hole:

2208502.6 1766888.9 X:Y

Note:

See plat for footages

Hardline Notes:

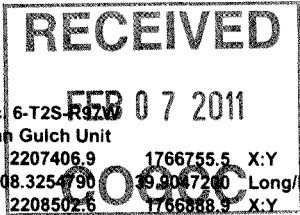
NONE

Directional

B6 Slot

-108.3254790 39.9047200 Long/Lat

-108.3215897 39.9051793 Long/Lat



Rig: Frontier 11 KB: 28

COUNTY:

RIO BLANCO

STATE:

COLORADO

ELEVATION:

PAD: 6222

GROUND:

n/a

KELLY BUSHING:

6250

Formation	MD	TVD (Surface)	TVD (Subsea)	Formation Notes
Uinta surface				
Green River Fm	652	650	5,600	
A Groove	819	815	5,435	Cement basket @ 1050'
B Groove	1012	1,005	5,245	Tapered surface from 14.75" to 13.5" @ 1100'
Dissolution Surface	1291	1,280	4,970	Cement stage tool @ ± 1150'
Garden Gulch	2215	2,190	4,060	Cement basket @ 1300' & 1450'
Orange Marker	2393	2,365	3,885	
Wasatch	2611	2,580	3,670	Surface casing @ 3111'
G' Sand	5109	5,040	1,210	Possible loss circulation zone
Ft. Union	5464	5,390	860	
Ohio Creek	6853	6,760	-510	
Mesaverde	7173	7,080	-830	
Top Gas	7663	7,570	-1,320	
Cameo Coals	10553	10,460	-4,210	
Rollins SS	10903	10,810	-4,560	
Cozzette	11058	10,965	-4,715	
Corcoran	11278	11,185	-4,935	
Upper Sego	11633	11,540	-5,290	
Lower Sego	11873	11,780	-5,530	
TD	12123	12,030		

vertical hole from top of Mesaverde to TD

MUD LOGGING:

Type: Remote Gas Unit

Interval:

Surface to TD

OPEN HOLE LOGS:

Specifics: None

Interval:

Training well:

CASED HOLE LOGS:

Specifics: Baker RPM-3D Pulsed Neutron from plugged back depth to surface shoe, GR to surface

Processing:

Emulation Triple Combo Using OH logs and training well

Cement Evaluation:

Baker Hughes Radial Bond Log c/w CCL/GR from plugged back depth to surface shoe

	csq size (in)	depth set at	hole size (in)	cmt sxs	WQC (hrs)
Conductor	18	80	30	To surface - Ready Mix	
Surface	9 5/8	3111	14.75/13/5	1247	8
Intermediate					
Liner or Production	4 1/2	12123	8.75/7.875	As determined at TD	

FROM	TO	TYPE MUD	#/GAL	VIS	WL	CHEMICALS
0	3111	Spud/RCA	Water	45-50		
3111	12123	Water Based	8.0-9.5	40-50	8-10	

(Write mud added to system on tour sheets and report all mud mixed and daily cost in morning report)

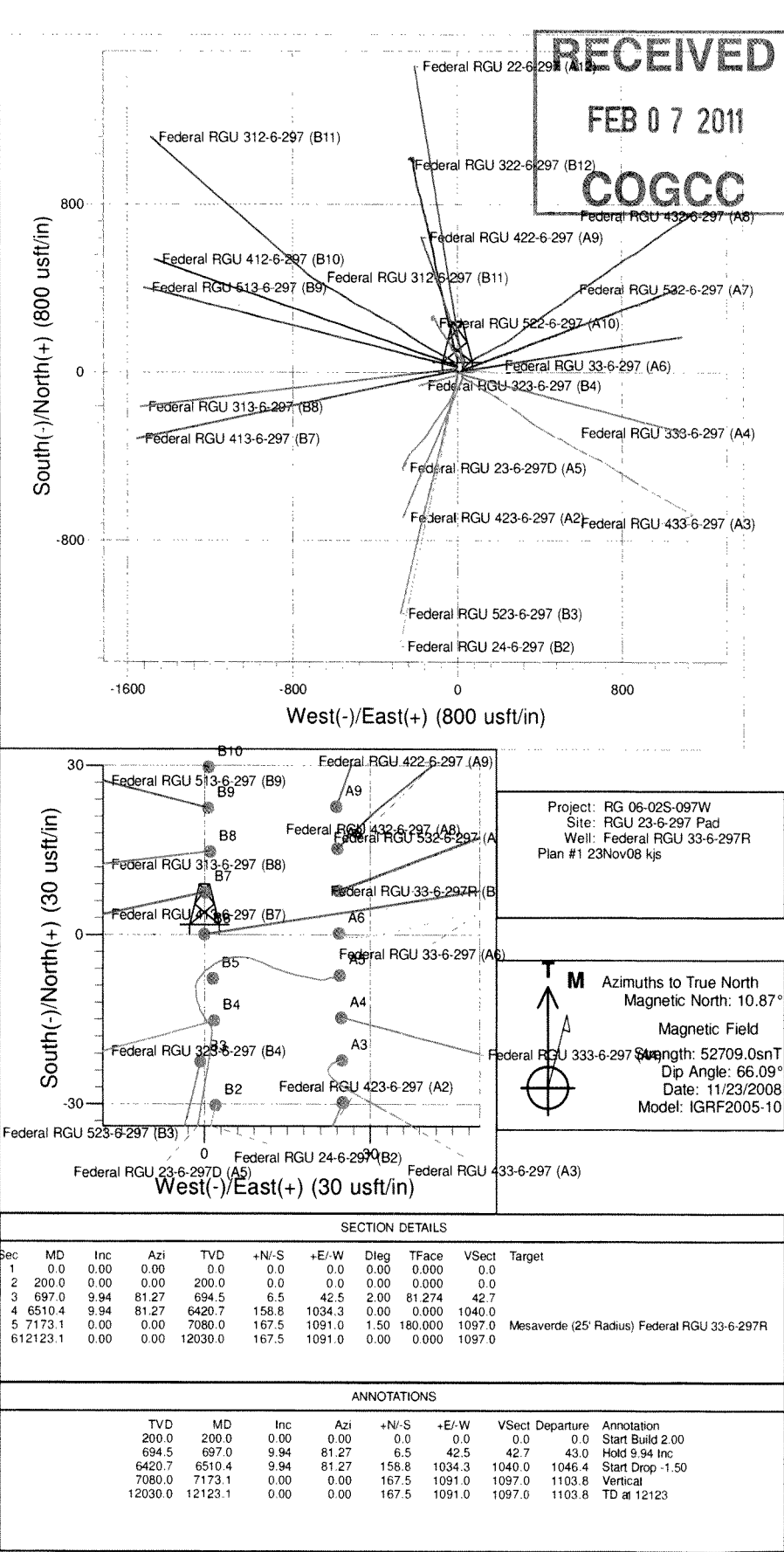
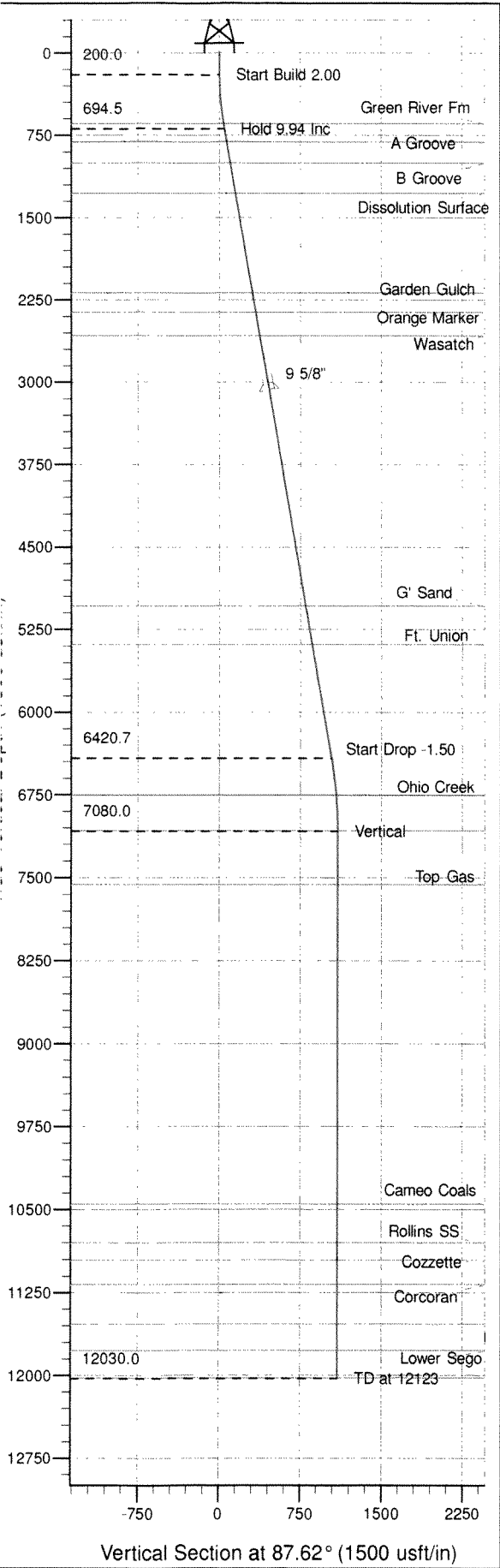
LOST CIRCULATION: Report depth and bbls of mud lost on morning report and tour sheet - Any severe lost circulation problems should be reported immediately to well supervisor.

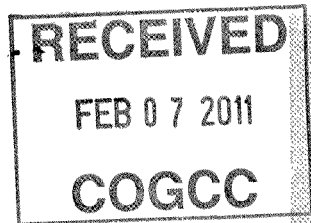
SURVEYS: Run every 100' on surface hole and trips unless otherwise instructed.

WILLIAMS GEOLOGISTS:	Office	Home	Cell
Eric Stenberg	303- 606-4057	303-471-0091	303-517-9636
		<a href="mailto:eric.stenberg@williams.com">eric.stenberg@williams.com</a>	
Art Rowley	303- 606-4397	303-447-9695	303-408-4536
		<a href="mailto:art.rowley@williams.com">art.rowley@williams.com</a>	



Surface Location: RGU 23-6-297 Pad  
North American Datum 1983    US State Plane 1983    Colorado Central Zone  
Ground Elevation: 6222.0  
+N/-S    +E/-W    Northing    Easting    Latitude    Longitude    Slot  
0.0    0.0    1766755.45    2207406.88    39° 54' 16.991 N    108° 19' 31.723 W    B6  
KELLY BUSHING @ 6250.0usft (Frontier 11 (28' RKB) jib)





# **PICEANCE HL NAD 83**

**RG 06-02S-097W**

**RGU 23-6-297 Pad**

**Federal RGU 33-6-297R - Slot B6**

**Wellbore #1**

**Plan: Plan #1 23Nov08 kjs**

## **Standard Planning Report - Geographic**

**25 October, 2010**

Williams  
Planning Report - Geographic

Database:	Compass R5000 WIN AUTH	Local Co-ordinate Reference:	Well Federal RGU 33-6-297R (B6) - Slot B6
Company:	PICEANCE HL NAD 83	TVD Reference:	KELLY BUSHING @ 6250.0usft (Frontier 11 (28' RKB) jib)
Project:	RG 06-02S-097W	MD Reference:	KELLY BUSHING @ 6250.0usft (Frontier 11 (28' RKB) jib)
Site:	RGU 23-6-297 Pad	North Reference:	True
Well:	Federal RGU 33-6-297R	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 23Nov08 kjs		

Project	RG 06-02S-097W, Rio Blanco County, CO, RG 06-02S-098W		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Central Zone		Using geodetic scale factor

Site	RGU 23-6-297 Pad		
Site Position:		Northing:	1,766,747.40 usft
From:	Map	Easting:	2,207,431.20 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13.200 in
		Latitude:	39° 54' 16.919 N
		Longitude:	108° 19' 31.408 W
		Grid Convergence:	-1.782 °

Well	Federal RGU 33-6-297R - Slot B6		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft		Wellhead Elevation:
			Ground Level:

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	11/23/2008	10.866	66.092	52,709

Design	Plan #1 23Nov08 kjs			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	87.62

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.000	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.000	
697.0	9.94	81.27	694.5	6.5	42.5	2.00	2.00	0.00	81.274	
6,510.4	9.94	81.27	6,420.7	158.8	1,034.3	0.00	0.00	0.00	0.000	
7,173.1	0.00	0.00	7,080.0	167.5	1,091.0	1.50	-1.50	0.00	180.000	Mesaverde (25' Radi
12,123.1	0.00	0.00	12,030.0	167.5	1,091.0	0.00	0.00	0.00	0.000	

Williams  
Planning Report - Geographic

Database:	Compass R5000 WIN AUTH	Local Co-ordinate Reference:	Well Federal RGU 33-6-297R (B6) - Slot B6
Company:	PICEANCE HL NAD 83	TVD Reference:	KELLY BUSHING @ 6250.0usft (Frontier 11 (28' RKB) jib)
Project:	RG 06-02S-097W	MD Reference:	KELLY BUSHING @ 6250.0usft (Frontier 11 (28' RKB) jib)
Site:	RGU 23-6-297 Pad	North Reference:	True
Well:	Federal RGU 33-6-297R	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 23Nov08 kjs		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	1,766,755.45	2,207,406.88	39° 54' 16.991 N	108° 19' 31.723 W
200.0	0.00	0.00	200.0	0.0	0.0	1,766,755.45	2,207,406.88	39° 54' 16.991 N	108° 19' 31.723 W
697.0	9.94	81.27	694.5	6.5	42.5	1,766,760.65	2,207,449.56	39° 54' 17.055 N	108° 19' 31.178 W
6,510.4	9.94	81.27	6,420.7	158.8	1,034.3	1,766,881.97	2,208,445.69	39° 54' 18.559 N	108° 19' 18.451 W
7,173.1	0.00	0.00	7,080.0	167.5	1,091.0	1,766,888.90	2,208,502.60	39° 54' 18.645 N	108° 19' 17.724 W
12,123.1	0.00	0.00	12,030.0	167.5	1,091.0	1,766,888.90	2,208,502.60	39° 54' 18.645 N	108° 19' 17.724 W

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
Mesaverde (25' Radius)	0.00	0.00	7,080.0	167.5	1,091.0	1,766,888.90	2,208,502.60	39° 54' 18.645 N	108° 19' 17.724 W
- plan hits target center									
- Circle (radius 25.0)									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name		Casing Diameter (in)	Hole Diameter (in)
3,111.0	3,072.3	9 5/8"		9.625	13.500

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
651.9	650.0	Green River Fm				
819.3	815.0	A Groove				
1,012.2	1,005.0	B Groove				
1,291.4	1,280.0	Dissolution Surface				
2,215.3	2,190.0	Garden Gulch				
2,392.9	2,365.0	Orange Marker				
2,611.2	2,580.0	Wasatch				
5,108.7	5,040.0	G' Sand				
5,464.0	5,390.0	Ft. Union				
6,852.7	6,760.0	Ohio Creek				
7,173.1	7,080.0	Mesaverde				
7,663.1	7,570.0	Top Gas				
10,553.1	10,460.0	Cameo Coals				
10,903.1	10,810.0	Rollins SS				
11,058.1	10,965.0	Cozzette				
11,278.1	11,185.0	Corcoran				
11,633.1	11,540.0	Upper Sego				
11,873.1	11,780.0	Lower Sego				
12,123.1	12,030.0	TD		0.000		



Williams

Planning Report - Geographic

Database:	Compass R5000 WIN AUTH	Local Co-ordinate Reference:	Well Federal RGU 33-6-297R (B6) - Slot B6
Company:	PICEANCE HL NAD 83	TVD Reference:	KELLY BUSHING @ 6250.0usft (Frontier 11 (28' RKB) jjb)
Project:	RG 06-02S-097W	MD Reference:	KELLY BUSHING @ 6250.0usft (Frontier 11 (28' RKB) jjb)
Site:	RGU 23-6-297 Pad	North Reference:	True
Well:	Federal RGU 33-6-297R	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 23Nov08 kjs		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
200.0	200.0	0.0	0.0	Start Build 2.00
697.0	694.5	6.5	42.5	Hold 9.94 Inc
6,510.4	6,420.7	158.8	1,034.3	Start Drop -1.50
7,173.1	7,080.0	167.5	1,091.0	Vertical
12,123.1	12,030.0	167.5	1,091.0	TD at 12123