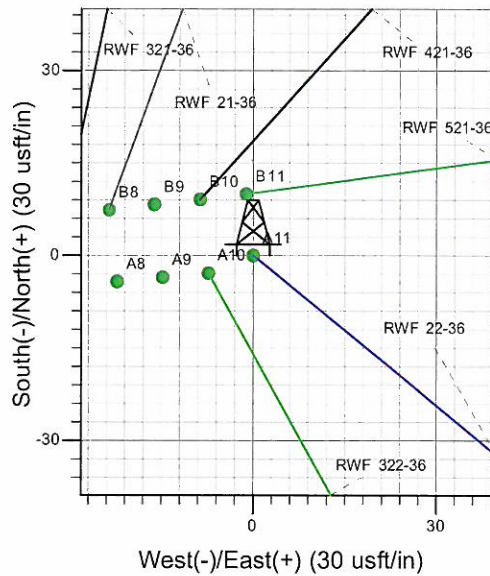
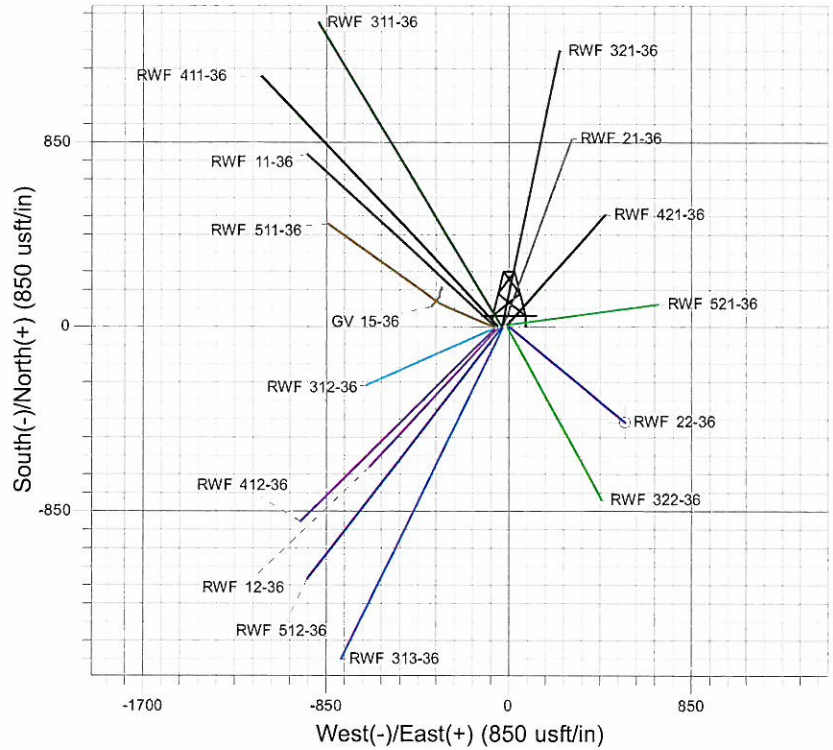
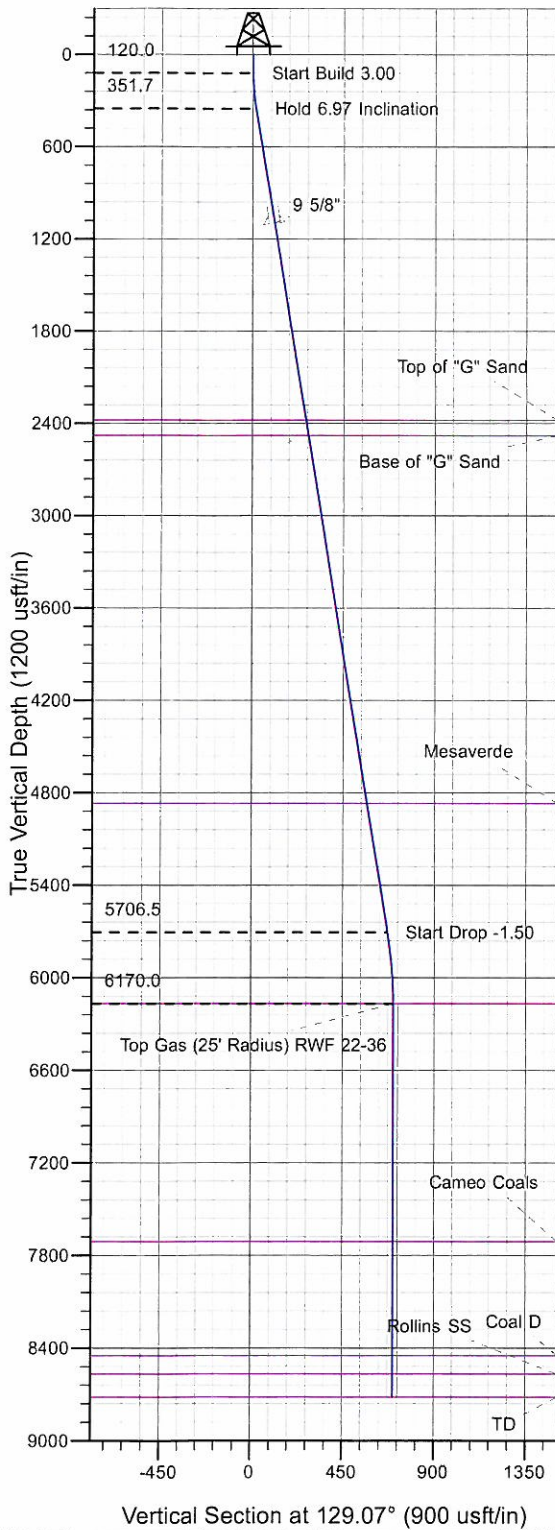


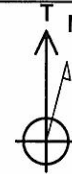


Well Name: RWF 22-36
 Surface Location: GV 15-36 Pad
 North American Datum 1983 , US State Plane 1983, Colorado Central Zone
 Ground Elevation: 6388.0

+N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1610113.30 2339705.80 39° 29' 6.690 N 107° 50' 22.937 W A11
 KELLY BUSHING @ 6412.0usft (E Rig (24'KB) JMS)



Project: RU 36-06S-094W
 Site: GV 15-36 Pad
 Well: RWF 22-36
 Plan #3 31Mar10 kjs



Project: RU 36-06S-094W
 Site: GV 15-36 Pad
 Well: RWF 22-36
 Plan #3 31Mar10 kjs

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
120.0	120.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 3.00
351.7	352.3	6.97	129.07	-8.9	11.0	14.1	14.1	Hold 6.97 Inclination
5706.5	5746.9	6.97	129.07	-421.4	519.2	668.7	668.7	Start Drop -1.50
6170.0	6211.6	0.00	0.00	-439.2	541.1	696.9	696.9	Top Gas
8720.0	8761.6	0.00	0.00	-439.2	541.1	696.9	696.9	TD at 8761.6

PICEANCE VLY NAD 83

RU 36-06S-094W

GV 15-36 Pad

RWF 22-36 - Slot A11

Wellbore #1

Plan: Plan #3 31Mar10 kjs

Standard Planning Report - Geographic

11 May, 2010

Williams
Planning Report - Geographic

Database:	Compass R5000 WIN AUTH	Local Co-ordinate Reference:	Well RWF 22-36 - Slot A11
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 6412.0usft (E Rig (24'KB) JMS)
Project:	RU 36-06S-094W	MD Reference:	KELLY BUSHING @ 6412.0usft (E Rig (24'KB) JMS)
Site:	GV 15-36 Pad	North Reference:	True
Well:	RWF 22-36	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #3 31Mar10 kjs		

Project	RU 36-06S-094W, Garfield County, CO		
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	GV 15-36 Pad			
Site Position:		Northing:	1,610,105.50 usft	Latitude: 39° 29' 6.592 N
From: Map		Easting:	2,339,621.10 usft	Longitude: 107° 50' 24.015 W
Position Uncertainty:	0.0 usft	Slot Radius:	13.200 in	Grid Convergence: -1.476 °

Well	RWF 22-36 - Slot A11			
Well Position	+N/-S	0.0 usft	Northing:	1,610,113.30 usft
	+E/-W	0.0 usft	Easting:	2,339,705.80 usft
Position Uncertainty	0.0 usft		Wellhead Elevation:	Ground Level: 6,388.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	8/29/2008	10.621	65.845	52,567

Design	Plan #3 31Mar10 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	129.07

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	
120.0	0.00	0.00	120.0	0.0	0.0	0.00	0.00	0.00	0.000	
352.3	6.97	129.07	351.7	-8.9	11.0	3.00	3.00	0.00	129.067	
5,746.9	6.97	129.07	5,706.5	-421.4	519.2	0.00	0.00	0.00	0.000	
6,211.6	0.00	0.00	6,170.0	-439.2	541.1	1.50	-1.50	0.00	180.000	Top Gas (25' Radius)
8,761.6	0.00	0.00	8,720.0	-439.2	541.1	0.00	0.00	0.00	0.000	

Williams
Planning Report - Geographic

Database:	Compass R5000 WIN AUTH	Local Co-ordinate Reference:	Well RWF 22-36 - Slot A11
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 6412.0usft (E Rig (24'KB) JMS)
Project:	RU 36-06S-094W	MD Reference:	KELLY BUSHING @ 6412.0usft (E Rig (24'KB) JMS)
Site:	GV 15-36 Pad	North Reference:	True
Well:	RWF 22-36	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #3 31Mar10 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	1,610,113.30	2,339,705.80	39° 29' 6.690 N	107° 50' 22.937 W
120.0	0.00	0.00	120.0	0.0	0.0	1,610,113.30	2,339,705.80	39° 29' 6.690 N	107° 50' 22.937 W
Start Build 3.00									
352.3	6.97	129.07	351.7	-8.9	11.0	1,610,104.12	2,339,716.53	39° 29' 6.602 N	107° 50' 22.798 W
Hold 6.97 Inclination									
1,106.1	6.97	129.07	1,100.0	-66.5	82.0	1,610,044.67	2,339,786.03	39° 29' 6.032 N	107° 50' 21.892 W
9 5/8"									
2,395.7	6.97	129.07	2,380.0	-165.2	203.5	1,609,942.96	2,339,904.94	39° 29' 5.058 N	107° 50' 20.342 W
Top of "G" Sand									
2,496.4	6.97	129.07	2,480.0	-172.9	213.0	1,609,935.02	2,339,914.23	39° 29' 4.982 N	107° 50' 20.221 W
Base of "G" Sand									
4,904.2	6.97	129.07	4,870.0	-357.0	439.8	1,609,745.11	2,340,136.25	39° 29' 3.162 N	107° 50' 17.328 W
Mesaverde									
5,746.9	6.97	129.07	5,706.5	-421.4	519.2	1,609,678.64	2,340,213.95	39° 29' 2.525 N	107° 50' 16.316 W
Start Drop -1.50									
6,211.6	0.00	0.00	6,170.0	-439.2	541.1	1,609,660.30	2,340,235.40	39° 29' 2.349 N	107° 50' 16.036 W
Top Gas - Approx. Top Gas									
7,751.6	0.00	0.00	7,710.0	-439.2	541.1	1,609,660.30	2,340,235.40	39° 29' 2.349 N	107° 50' 16.036 W
Cameo Coals									
8,491.6	0.00	0.00	8,450.0	-439.2	541.1	1,609,660.30	2,340,235.40	39° 29' 2.349 N	107° 50' 16.036 W
Coal D									
8,611.6	0.00	0.00	8,570.0	-439.2	541.1	1,609,660.30	2,340,235.40	39° 29' 2.349 N	107° 50' 16.036 W
Rollins SS									
8,761.6	0.00	0.00	8,720.0	-439.2	541.1	1,609,660.30	2,340,235.40	39° 29' 2.349 N	107° 50' 16.036 W
TD									

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Top Gas (25' Radius) R1 - plan hits target center - Circle (radius 25.0)	0.00	0.00	6,170.0	-439.2	541.1	1,609,660.30	2,340,235.40	39° 29' 2.349 N	107° 50' 16.036 W

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name		Casing Diameter (in)	Hole Diameter (in)
1,106.1	1,100.0	9 5/8"		9.625	12.250

Williams
Planning Report - Geographic

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Project:	RU 36-06S-094W	MD Reference:	KELLY BUSHING @ 6412.0usft (E Rig (24'KB) JMS)
Site:	GV 15-36 Pad	North Reference:	True
Well:	RWF 22-36	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #3 31Mar10 kjs		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,395.7	2,380.0	Top of "G" Sand				
2,496.4	2,480.0	Base of "G" Sand				
4,904.2	4,870.0	Mesaverde				
6,211.6	6,170.0	Approx. Top Gas				
7,751.6	7,710.0	Cameo Coals				
8,491.6	8,450.0	Coal D				
8,611.6	8,570.0	Rollins SS				
8,761.6	8,720.0	TD				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
120.0	120.0	0.0	0.0	Start Build 3.00	
352.3	351.7	-8.9	11.0	Hold 6.97 Inclination	
5,746.9	5,706.5	-421.4	519.2	Start Drop -1.50	
6,211.6	6,170.0	-439.2	541.1	Top Gas	
8,761.6	8,720.0	-439.2	541.1	TD at 8761.6	