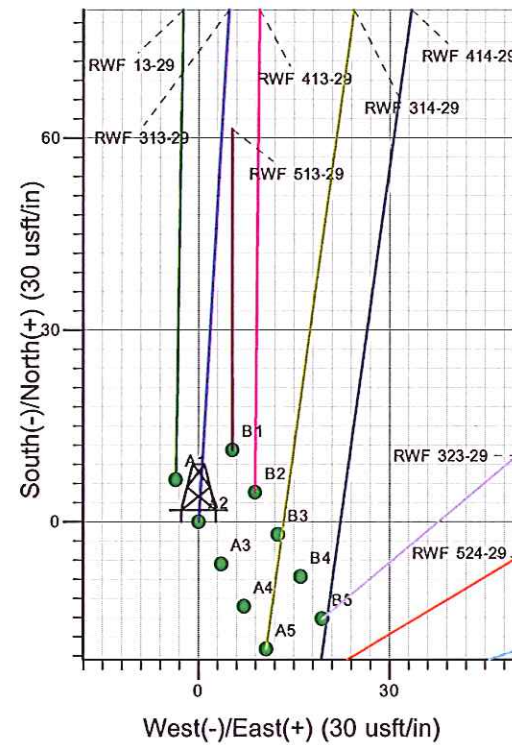
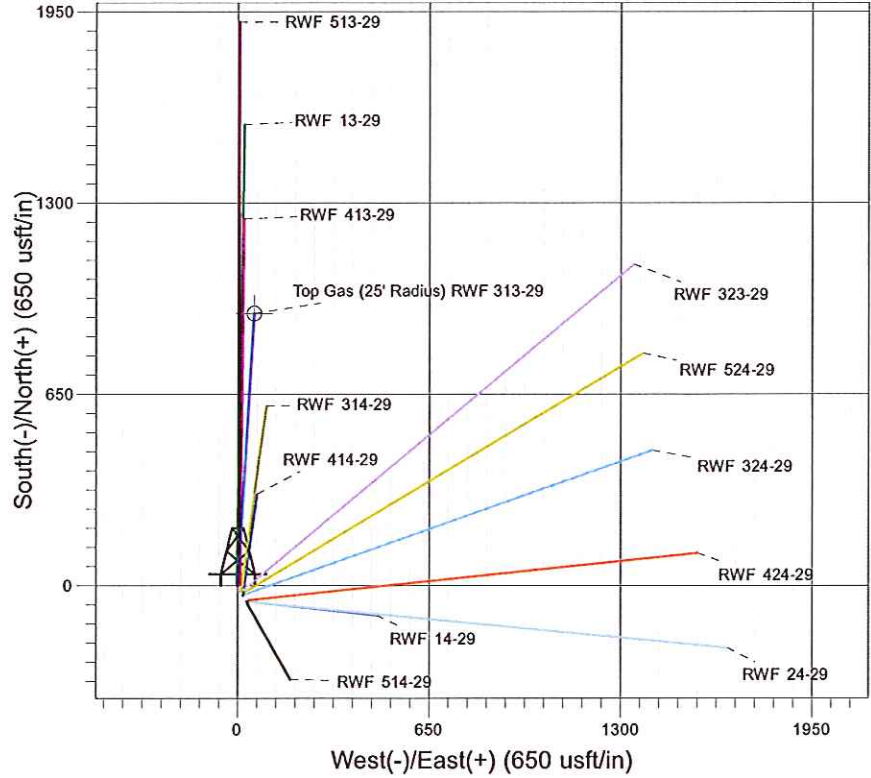
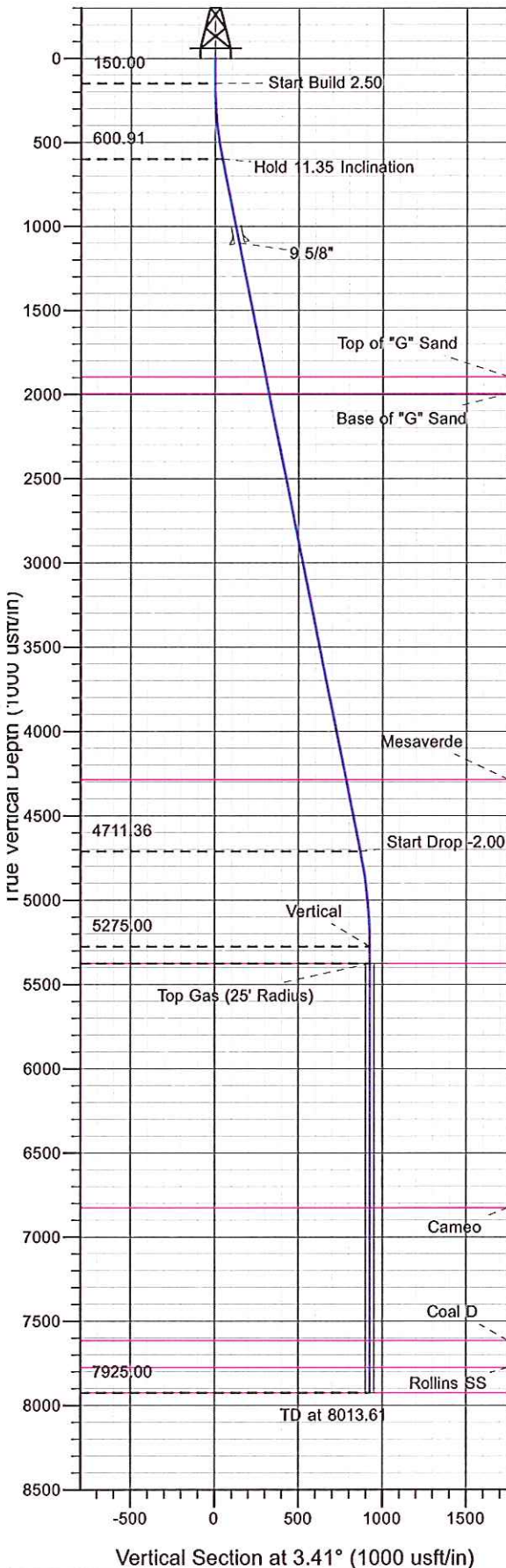


Surface Location: RWF 14-29 Pad
 North American Datum 1983, US State Plane 1983, Colorado Central Zone
 Ground Elevation: 5419.00
 +N/-S 0.00 +E/-W 0.00 Northing 1612511.60 Easting 2317468.00 Latitude 39.49018 Longitude -107.91869 Slot A2
 KELLY BUSHING @ 5445.00usft (SSD 576)



Project: RU 29-06S-094W
 Site: RWF 14-29 Pad
 Well: RWF 313-29
 Design #1 15Jun11 kjs

Azimuths to True North
 Magnetic North: 10.32°
 Magnetic Field
 Strength: 52262.0nT
 Dip Angle: 65.75°
 Date: 6/13/2011
 Model: IGRF2010

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
150.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	Start Build 2.50
603.87	11.35	3.41	600.91	44.72	2.66	44.80	44.80	Hold 11.35 Inclination
4796.27	11.35	3.41	4711.36	868.10	51.69	869.63	869.63	Start Drop -2.00
5363.61	0.00	0.00	5275.00	923.99	55.02	925.63	925.63	Vertical
5463.61	0.00	0.00	5375.00	923.99	55.02	925.63	925.63	Top Gas
8013.61	0.00	0.00	7925.00	923.99	55.02	925.63	925.63	TD at 8013.61



PICEANCE VLY NAD 83

RU 29-06S-094W

RWF 14-29 Pad

RWF 313-29 - Slot A2

Wellbore #1

Plan: Design #1 15Jun11 kjs

Standard Planning Report - Geographic

17 April, 2012



WPX Energy
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well RWF 313-29 - Slot A2
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5445.00usft (SSD 576)
Project:	RU 29-06S-094W	MD Reference:	KELLY BUSHING @ 5445.00usft (SSD 576)
Site:	RWF 14-29 Pad	North Reference:	True
Well:	RWF 313-29	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1 15Jun11 kjs		

Project	RU 29-06S-094W, 29-06S-094W		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Central Zone		

Site	RWF 14-29 Pad			
Site Position:		Northing:	1,612,451.20 usft	Latitude: 39.49001
From:	Map	Easting:	2,317,498.20 usft	Longitude: -107.91858
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence: -1.53 °

Well	RWF 313-29 - Slot A2			
Well Position	+N-S	0.00 usft	Northing:	1,612,511.60 usft
	+E-W	0.00 usft	Easting:	2,317,468.00 usft
Position Uncertainty	0.00 usft		Wellhead Elevation:	Ground Level: 5,419.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/13/2011	10.32	65.75	52,262

Design	Design #1 15Jun11 kjs			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)	Direction (°)
	0.00	0.00	0.00	3.41

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
150.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	0.00	0.00	
603.87	11.35	3.41	600.91	44.72	2.66	2.50	2.50	0.00	3.41	
4,796.27	11.35	3.41	4,711.36	868.10	51.69	0.00	0.00	0.00	0.00	
5,363.61	0.00	0.00	5,275.00	923.99	55.02	2.00	-2.00	0.00	180.00	
5,463.61	0.00	0.00	5,375.00	923.99	55.02	0.00	0.00	0.00	0.00	Top Gas (25' Radius)
8,013.61	0.00	0.00	7,925.00	923.99	55.02	0.00	0.00	0.00	0.00	



WPX Energy
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well RWF 313-29 - Slot A2
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5445.00usft (SSD 576)
Project:	RU 29-06S-094W	MD Reference:	KELLY BUSHING @ 5445.00usft (SSD 576)
Site:	RWF 14-29 Pad	North Reference:	True
Well:	RWF 313-29	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1 15Jun11 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
0.00	0.00	0.00	0.00	0.00	0.00	1,612,511.60	2,317,468.00	39.49018	-107.91870
150.00	0.00	0.00	150.00	0.00	0.00	1,612,511.60	2,317,468.00	39.49018	-107.91870
Start Build 2.50									
603.87	11.35	3.41	600.91	44.72	2.66	1,612,556.23	2,317,471.85	39.49030	-107.91869
Hold 11.35 Inclination									
1,112.91	11.35	3.41	1,100.00	144.69	8.62	1,612,656.01	2,317,480.47	39.49057	-107.91866
9 5/8"									
1,923.76	11.35	3.41	1,895.00	303.94	18.10	1,612,814.95	2,317,494.19	39.49101	-107.91863
Top of "G" Sand									
2,025.75	11.35	3.41	1,995.00	323.97	19.29	1,612,834.94	2,317,495.91	39.49107	-107.91863
Base of "G" Sand									
4,361.40	11.35	3.41	4,285.00	782.69	46.61	1,613,292.77	2,317,535.43	39.49232	-107.91853
Mesaverde									
4,796.27	11.35	3.41	4,711.36	868.10	51.69	1,613,378.01	2,317,542.79	39.49256	-107.91851
Start Drop -2.00									
5,363.61	0.00	0.00	5,275.00	923.99	55.02	1,613,433.80	2,317,547.60	39.49271	-107.91850
Vertical									
5,463.61	0.00	0.00	5,375.00	923.99	55.02	1,613,433.80	2,317,547.60	39.49271	-107.91850
Top Gas - Approx. Top Gas									
6,913.61	0.00	0.00	6,825.00	923.99	55.02	1,613,433.80	2,317,547.60	39.49271	-107.91850
Cameo									
7,703.61	0.00	0.00	7,615.00	923.99	55.02	1,613,433.80	2,317,547.60	39.49271	-107.91850
Coal D									
7,863.61	0.00	0.00	7,775.00	923.99	55.02	1,613,433.80	2,317,547.60	39.49271	-107.91850
Rollins SS									
8,013.61	0.00	0.00	7,925.00	923.99	55.02	1,613,433.80	2,317,547.60	39.49271	-107.91850
TD at 8013.61 - TD									

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									
Top Gas (25' Radius) R1	0.00	0.00	5,375.00	923.99	55.02	1,613,433.80	2,317,547.60	39.49271	-107.91850
- plan hits target center									
- Circle (radius 25.00)									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diameter (in)	
1,112.91	1,100.00	9 5/8"	9.625	14.750	



WPX Energy
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well RWF 313-29 - Slot A2
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5445.00usft (SSD 576)
Project:	RU 29-06S-094W	MD Reference:	KELLY BUSHING @ 5445.00usft (SSD 576)
Site:	RWF 14-29 Pad	North Reference:	True
Well:	RWF 313-29	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1 15Jun11 kjs		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,923.76	1,895.20	Top of "G" Sand				
2,025.75	1,995.20	Base of "G" Sand				
4,361.40	4,285.20	Mesaverde				
5,463.61	5,375.20	Approx. Top Gas				
6,913.61	6,825.20	Cameo				
7,703.61	7,615.20	Coal D				
7,863.61	7,775.20	Rollins SS				
8,013.61	7,925.20	TD				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)		Comment
150.00	150.00	0.00	0.00		Start Build 2.50
603.87	600.91	44.72	2.66		Hold 11.35 Inclination
4,796.27	4,711.36	868.10	51.69		Start Drop -2.00
5,363.61	5,275.00	923.99	55.02		Vertical
5,463.61	5,375.00	923.99	55.02		Top Gas
8,013.61	7,925.00	923.99	55.02		TD at 8013.61