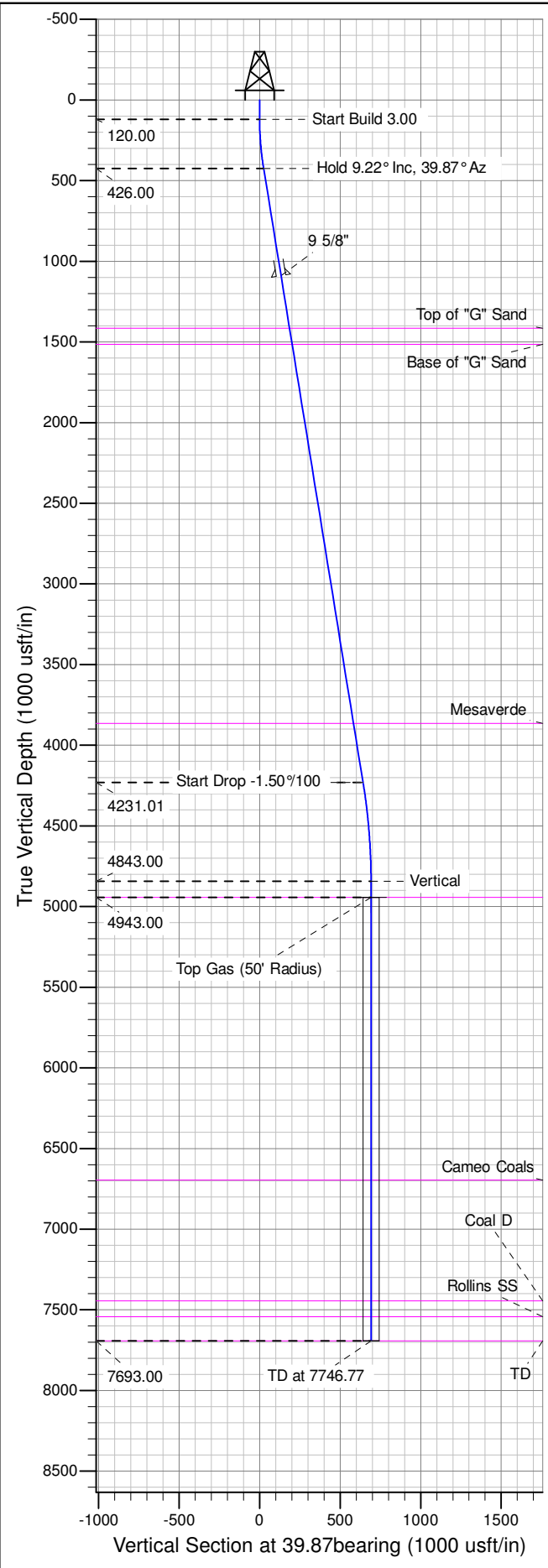
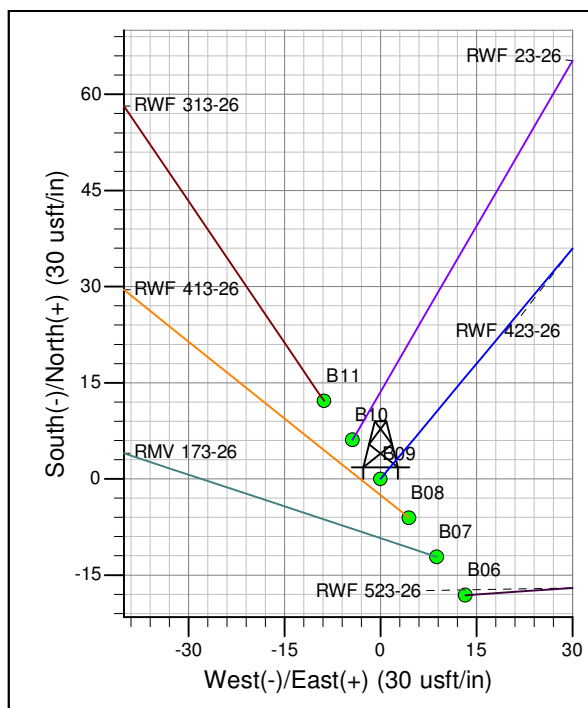
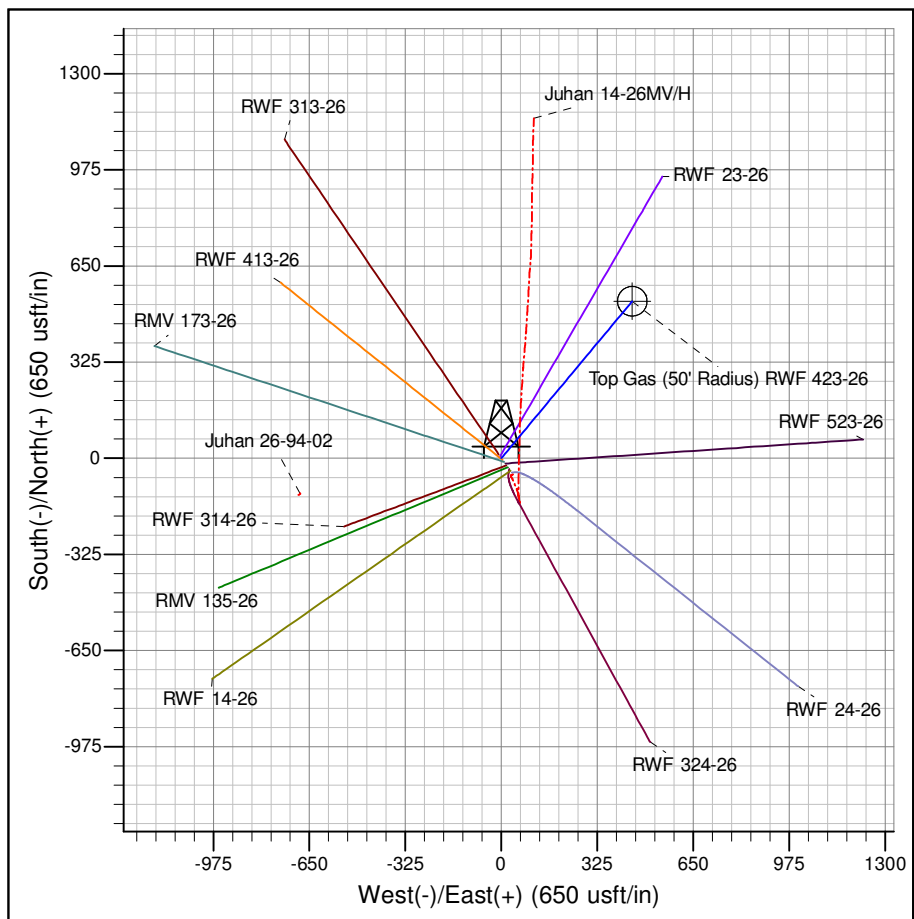




Well Name: RWF 423-26
Surface Location: JUHAN 14-26H Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 5350.00
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.00 0.00 1612816.00000 2334131.30000 39.49221 -107.85970 B09
KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)



ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation	
120.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.00	Start Build 3.00
426.00	427.32	9.22	39.87	18.94	15.82	24.67	24.67	Hold 9.22° Inc, 39.87° Az	Hold 9.22° Inc, 39.87° Az
4231.01	4282.13	9.22	39.87	492.94	411.75	642.29	642.29	Start Drop -1.50°/100	Start Drop -1.50°/100
4843.00	4896.77	0.00	0.00	530.82	443.38	691.63	691.63	Vertical	Vertical
4943.00	4996.77	0.00	0.00	530.82	443.38	691.63	691.63	Top Gas	Top Gas
7693.00	7746.77	0.00	0.00	530.82	443.38	691.63	691.63	TD at 7746.77	TD at 7746.77



Azimuths to True North
Magnetic North: 9.87°

Magnetic Field
Strength: 52013.9snT
Dip Angle: 65.70°
Date: 6/5/2014
Model: IGRF2005-10

Project: RU 26-06S-094W
Site: JUHAN 14-26H Pad
Well: RWF 423-26
Plan #1 05Jun14 mab

PICEANCE VLY NAD 83

RU 26-06S-094W

JUHAN 14-26H Pad

RWF 423-26 - Slot B09

Wellbore #1

Plan: Plan #1 05Jun14 mab

Standard Planning Report - Geographic

14 August, 2014

WPX
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well RWF 423-26 - Slot B09
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)
Project:	RU 26-06S-094W	MD Reference:	KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)
Site:	JUHAN 14-26H Pad	North Reference:	True
Well:	RWF 423-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 05Jun14 mab		

Project	RU 26-06S-094W		
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	JUHAN 14-26H Pad			
Site Position:		Northing:	1,612,760.48182 usft	Latitude: 39.49206
From: Map		Easting:	2,334,169.39807 usft	Longitude: -107.85956
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence: -1.49 °

Well	RWF 423-26 - Slot B09			
Well Position	+N/-S	0.00 usft	Northing:	1,612,816.00000 usft
	+E/-W	0.00 usft	Easting:	2,334,131.30000 usft
Position Uncertainty	0.00 usft		Wellhead Elevation:	0.00 usft
			Ground Level:	5,350.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	6/5/2014	9.87	65.70	52,014

Design	Plan #1 05Jun14 mab			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (bearing)
	0.00	0.00	0.00	39.87

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	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	
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	
427.32	9.22	39.87	426.00	18.94	15.82	3.00	3.00	0.00	39.87	
4,282.13	9.22	39.87	4,231.01	492.94	411.75	0.00	0.00	0.00	0.00	
4,896.77	0.00	0.00	4,843.00	530.82	443.38	1.50	-1.50	0.00	180.00	
4,996.77	0.00	0.00	4,943.00	530.82	443.38	0.00	0.00	0.00	0.00	Top Gas (50' Radius)
7,746.77	0.00	0.00	7,693.00	530.82	443.38	0.00	0.00	0.00	0.00	

WPX
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well RWF 423-26 - Slot B09
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)
Project:	RU 26-06S-094W	MD Reference:	KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)
Site:	JUHAN 14-26H Pad	North Reference:	True
Well:	RWF 423-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 05Jun14 mab		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	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	1,612,816.00000	2,334,131.30000	39.49221	-107.85970	
120.00	0.00	0.00	120.00	0.00	0.00	1,612,816.00000	2,334,131.30000	39.49221	-107.85970	
Start Build 3.00										
200.00	2.40	39.87	199.98	1.29	1.07	1,612,817.25737	2,334,132.40694	39.49222	-107.85970	
400.00	8.40	39.87	399.00	15.72	13.13	1,612,831.37742	2,334,144.83781	39.49226	-107.85965	
427.32	9.22	39.87	426.00	18.94	15.82	1,612,834.51779	2,334,147.60250	39.49227	-107.85964	
Hold 9.22° Inc, 39.87° Az										
600.00	9.22	39.87	596.44	40.17	33.55	1,612,855.28284	2,334,165.88342	39.49232	-107.85958	
800.00	9.22	39.87	793.86	64.76	54.10	1,612,879.33312	2,334,187.05656	39.49239	-107.85951	
1,000.00	9.22	39.87	991.28	89.36	74.64	1,612,903.38339	2,334,208.22970	39.49246	-107.85944	
1,100.00	9.22	39.87	1,089.99	101.65	84.91	1,612,915.40853	2,334,218.81628	39.49249	-107.85940	
9 5/8"										
1,200.00	9.22	39.87	1,188.69	113.95	95.18	1,612,927.43367	2,334,229.40285	39.49253	-107.85936	
1,400.00	9.22	39.87	1,386.11	138.54	115.72	1,612,951.48395	2,334,250.57599	39.49259	-107.85929	
1,429.27	9.22	39.87	1,415.00	142.14	118.73	1,612,955.00349	2,334,253.67449	39.49260	-107.85928	
Top of "G" Sand										
1,530.58	9.22	39.87	1,515.00	154.60	129.13	1,612,967.18601	2,334,264.39961	39.49264	-107.85924	
Base of "G" Sand										
1,600.00	9.22	39.87	1,583.53	163.13	136.26	1,612,975.53424	2,334,271.74914	39.49266	-107.85922	
1,800.00	9.22	39.87	1,780.94	187.73	156.81	1,612,999.58452	2,334,292.92228	39.49273	-107.85914	
2,000.00	9.22	39.87	1,978.36	212.32	177.35	1,613,023.63480	2,334,314.09542	39.49280	-107.85907	
2,200.00	9.22	39.87	2,175.78	236.91	197.89	1,613,047.68508	2,334,335.26857	39.49286	-107.85900	
2,400.00	9.22	39.87	2,373.19	261.51	218.43	1,613,071.73536	2,334,356.44171	39.49293	-107.85893	
2,600.00	9.22	39.87	2,570.61	286.10	238.98	1,613,095.78565	2,334,377.61485	39.49300	-107.85885	
2,800.00	9.22	39.87	2,768.02	310.69	259.52	1,613,119.83593	2,334,398.78800	39.49307	-107.85878	
3,000.00	9.22	39.87	2,965.44	335.29	280.06	1,613,143.88621	2,334,419.96114	39.49314	-107.85871	
3,200.00	9.22	39.87	3,162.86	359.88	300.60	1,613,167.93649	2,334,441.13429	39.49320	-107.85864	
3,400.00	9.22	39.87	3,360.27	384.47	321.14	1,613,191.98677	2,334,462.30743	39.49327	-107.85856	
3,600.00	9.22	39.87	3,557.69	409.07	341.69	1,613,216.03706	2,334,483.48057	39.49334	-107.85849	
3,800.00	9.22	39.87	3,755.11	433.66	362.23	1,613,240.08734	2,334,504.65372	39.49341	-107.85842	
3,911.33	9.22	39.87	3,865.00	447.35	373.66	1,613,253.47524	2,334,516.44002	39.49344	-107.85838	
Mesaverde										
4,000.00	9.22	39.87	3,952.52	458.25	382.77	1,613,264.13762	2,334,525.82685	39.49347	-107.85834	
4,200.00	9.22	39.87	4,149.94	482.84	403.31	1,613,288.18789	2,334,546.99999	39.49354	-107.85827	
4,282.13	9.22	39.87	4,231.01	492.94	411.75	1,613,298.06441	2,334,555.69498	39.49357	-107.85824	
Start Drop -1.50°/100										
4,400.00	7.45	39.87	4,347.63	506.06	422.70	1,613,310.88875	2,334,566.98515	39.49360	-107.85820	
4,600.00	4.45	39.87	4,546.53	521.97	436.00	1,613,326.45147	2,334,580.68609	39.49365	-107.85816	
4,800.00	1.45	39.87	4,746.24	529.87	442.60	1,613,334.17999	2,334,587.49005	39.49367	-107.85813	
4,896.77	0.00	0.00	4,843.00	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813	
Vertical										
4,996.77	0.00	0.00	4,943.00	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813	
Top Gas - Approx. Top Gas										
5,000.00	0.00	0.00	4,946.23	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813	
5,200.00	0.00	0.00	5,146.23	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813	
5,400.00	0.00	0.00	5,346.23	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813	
5,600.00	0.00	0.00	5,546.23	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813	
5,800.00	0.00	0.00	5,746.23	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813	
6,000.00	0.00	0.00	5,946.23	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813	
6,200.00	0.00	0.00	6,146.23	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813	
6,400.00	0.00	0.00	6,346.23	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813	
6,600.00	0.00	0.00	6,546.23	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813	

WPX
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well RWF 423-26 - Slot B09
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)
Project:	RU 26-06S-094W	MD Reference:	KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)
Site:	JUHAN 14-26H Pad	North Reference:	True
Well:	RWF 423-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 05Jun14 mab		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,749.77	0.00	0.00	6,696.00	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813
Cameo Coals									
6,800.00	0.00	0.00	6,746.23	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813
7,000.00	0.00	0.00	6,946.23	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813
7,200.00	0.00	0.00	7,146.23	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813
7,400.00	0.00	0.00	7,346.23	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813
7,498.77	0.00	0.00	7,445.00	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813
Coal D									
7,596.77	0.00	0.00	7,543.00	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813
Rollins SS									
7,600.00	0.00	0.00	7,546.23	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813
7,746.77	0.00	0.00	7,693.00	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813
TD at 7746.77 - TD									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (bearing)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
Top Gas (50' Radius) RV	0.00	0.00	4,943.00	530.82	443.38	1,613,335.10000	2,334,588.30000	39.49367	-107.85813
- plan hits target center									
- Circle (radius 50.00)									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diameter (in)	
1,100.00	1,089.99	9 5/8"	9.625	13.500	

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (bearing)	
1,429.27	1,415.00	Top of "G" Sand				
1,530.58	1,515.00	Base of "G" Sand				
3,911.33	3,865.00	Mesaverde				
4,996.77	4,943.00	Approx. Top Gas				
6,749.77	6,696.00	Cameo Coals				
7,498.77	7,445.00	Coal D				
7,596.77	7,543.00	Rollins SS				
7,746.77	7,693.00	TD				

WPX
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well RWF 423-26 - Slot B09
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)
Project:	RU 26-06S-094W	MD Reference:	KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)
Site:	JUHAN 14-26H Pad	North Reference:	True
Well:	RWF 423-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 05Jun14 mab		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
120.00	120.00	0.00	0.00	Start Build 3.00
427.32	426.00	18.94	15.82	Hold 9.22° Inc, 39.87° Az
4,282.13	4,231.01	492.94	411.75	Start Drop -1.50°/100
4,896.77	4,843.00	530.82	443.38	Vertical
4,996.77	4,943.00	530.82	443.38	Top Gas
7,746.77	7,693.00	530.82	443.38	TD at 7746.77