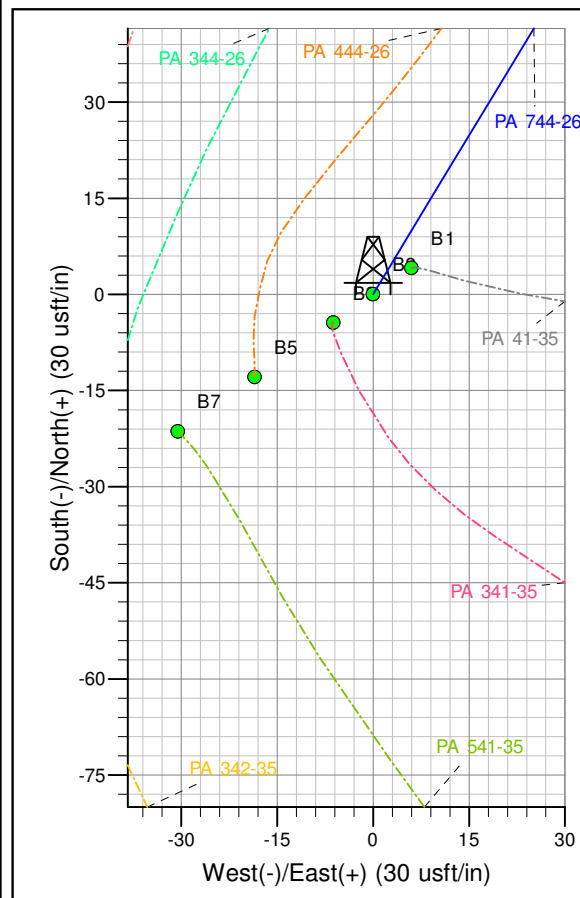
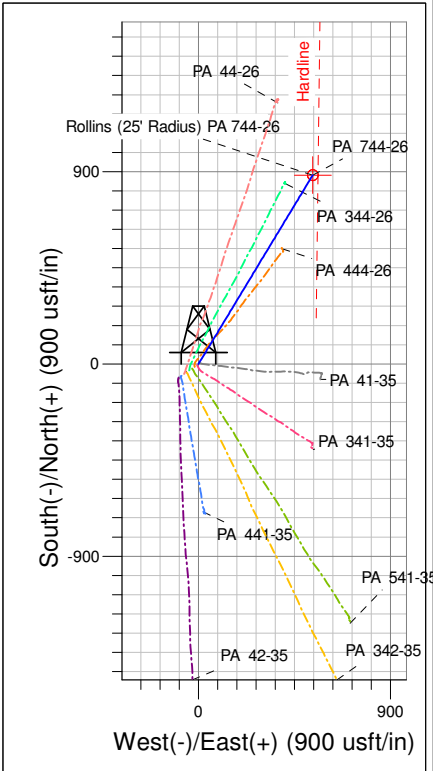
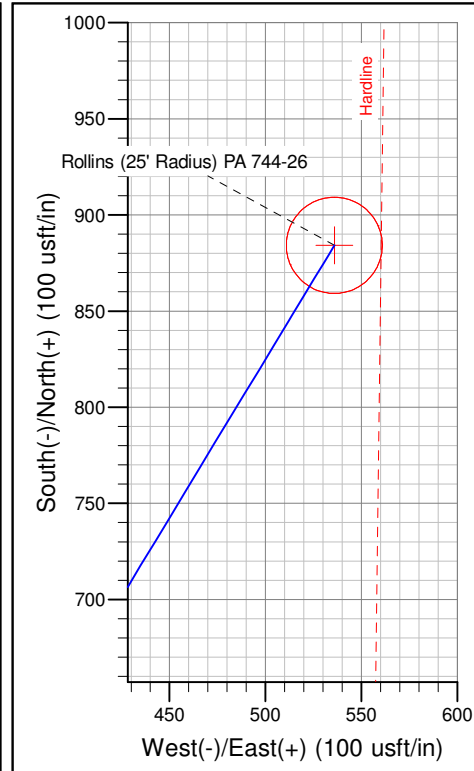
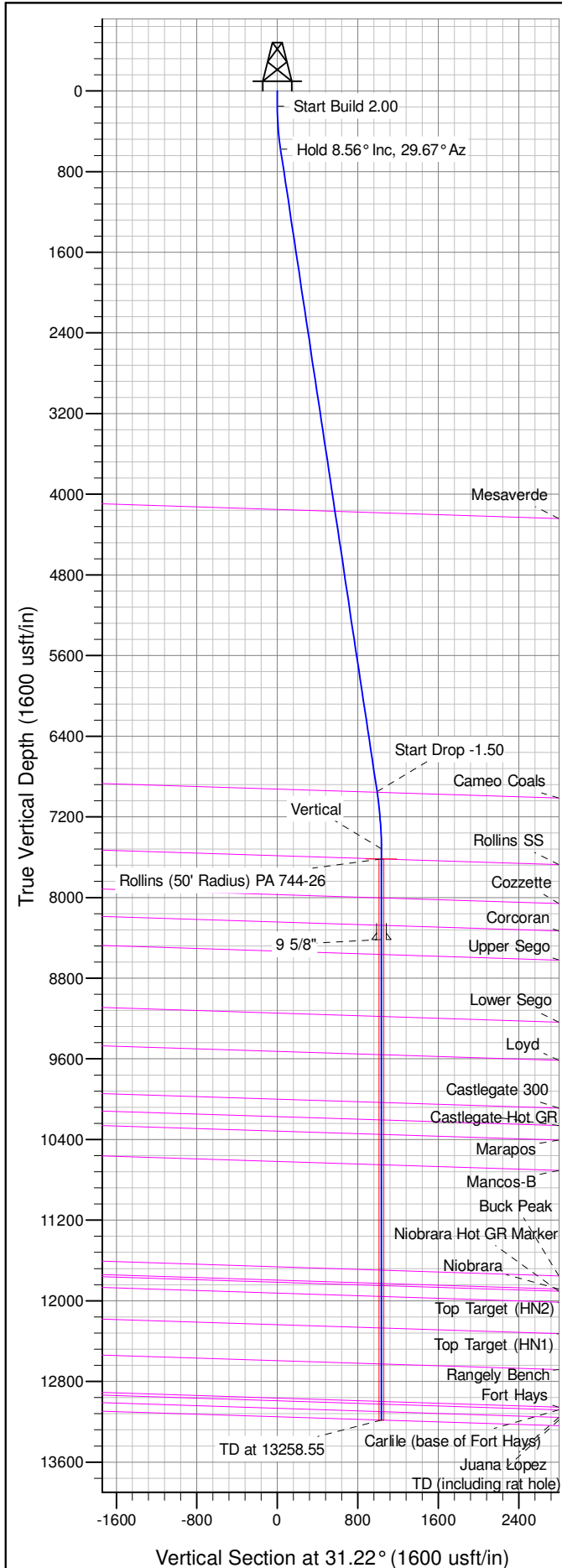




Well Name: PA 744-26
Surface Location: PA 341-35 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 5168.00
Northing 1611993.80 Easting 2305695.20 Latitude 39.48789 Longitude -107.96034 Slot B2
KELLY BUSHING @ 5189.00usft ((21' KB) Cyclone 17)



G T M
Azimuths to Grid North
True North: 1.55°
Magnetic North: 11.51°
Magnetic Field
Strength: 52028.6snT
Dip Angle: 65.68°
Date: 2/20/2014
Model: IGRF2005-10

Project: PA 35-06S-095W
Site: PA 341-35 Pad
Well: PA 744-26
Design #1 20Feb14 kjs

ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation	
150.00	150.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
576.57	578.16	8.56	31.22	27.31	16.55	31.94	31.94	31.94	Hold 8.56° Inc, 29.67° Az
6948.24	7021.66	8.56	31.22	847.82	513.85	991.38	991.38	991.38	Start Drop -1.50
7517.00	7592.55	0.00	0.00	884.24	535.92	1033.97	1033.97	1033.97	Vertical
7617.00	7692.55	0.00	0.00	884.24	535.92	1033.97	1033.97	1033.97	Rollins Target
13183.00	13258.55	0.00	0.00	884.24	535.92	1033.97	1033.97	1033.97	TD at 13258.55

PICEANCE VLY NAD 83

PA 35-06S-095W

PA 341-35 Pad

PA 744-26 - Slot B2

Wellbore #1

Plan: Design #1 20Feb14 kjs

Standard Planning Report - Geographic

20 February, 2014

WPX
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well PA 744-26 - Slot B2
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5189.00usft ((21' KB) Cyclone 17)
Project:	PA 35-06S-095W	MD Reference:	KELLY BUSHING @ 5189.00usft ((21' KB) Cyclone 17)
Site:	PA 341-35 Pad	North Reference:	Grid
Well:	PA 744-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1 20Feb14 kjs		

Project	PA 35-06S-095W, Garfield County, CO, 35-06S-095W		
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	PA 341-35 Pad		
Site Position:		Northing:	1,611,989.90 usft
From:	Map	Easting:	2,305,688.40 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in
		Latitude:	39.48788
		Longitude:	-107.96037
		Grid Convergence:	-1.552 °

Well	PA 744-26 - Slot B2					
Well Position	+N/-S	0.00 usft	Northing:	1,611,993.80 usft	Latitude:	39.48789
	+E/-W	0.00 usft	Easting:	2,305,695.20 usft	Longitude:	-107.96034
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	5,168.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2/20/2014	9.956	65.681	52,029

Design	Design #1 20Feb14 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	31.22	

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	0.000	
150.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	0.00	0.000	
578.16	8.56	31.22	576.57	27.31	16.55	2.00	2.00	0.00	31.219	
7,021.66	8.56	31.22	6,948.24	847.82	513.85	0.00	0.00	0.00	0.000	
7,592.55	0.00	0.00	7,517.00	884.24	535.92	1.50	-1.50	0.00	180.000	
7,692.55	0.00	0.00	7,617.00	884.24	535.92	0.00	0.00	0.00	0.000	Rollins (50' Radius) P.
13,258.55	0.00	0.00	13,183.00	884.24	535.92	0.00	0.00	0.00	0.000	

WPX
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well PA 744-26 - Slot B2
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5189.00usft ((21' KB) Cyclone 17)
Project:	PA 35-06S-095W	MD Reference:	KELLY BUSHING @ 5189.00usft ((21' KB) Cyclone 17)
Site:	PA 341-35 Pad	North Reference:	Grid
Well:	PA 744-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1 20Feb14 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	1,611,993.80	2,305,695.20	39.48789	-107.96034
150.00	0.00	0.00	150.00	0.00	0.00	1,611,993.80	2,305,695.20	39.48789	-107.96034
Start Build 2.00									
200.00	1.00	31.22	200.00	0.37	0.23	1,611,994.17	2,305,695.43	39.48789	-107.96034
400.00	5.00	31.22	399.68	9.32	5.65	1,612,003.12	2,305,700.85	39.48791	-107.96033
578.16	8.56	31.22	576.57	27.31	16.55	1,612,021.11	2,305,711.75	39.48796	-107.96029
Hold 8.56° Inc, 29.67° Az									
600.00	8.56	31.22	598.16	30.09	18.24	1,612,023.89	2,305,713.44	39.48797	-107.96028
800.00	8.56	31.22	795.93	55.56	33.67	1,612,049.35	2,305,728.87	39.48804	-107.96023
1,000.00	8.56	31.22	993.71	81.03	49.11	1,612,074.82	2,305,744.31	39.48811	-107.96018
1,200.00	8.56	31.22	1,191.48	106.50	64.55	1,612,100.29	2,305,759.74	39.48818	-107.96013
1,400.00	8.56	31.22	1,389.25	131.96	79.98	1,612,125.75	2,305,775.18	39.48826	-107.96007
1,600.00	8.56	31.22	1,587.02	157.43	95.42	1,612,151.22	2,305,790.61	39.48833	-107.96002
1,800.00	8.56	31.22	1,784.79	182.90	110.85	1,612,176.69	2,305,806.05	39.48840	-107.95997
2,000.00	8.56	31.22	1,982.56	208.37	126.29	1,612,202.15	2,305,821.48	39.48847	-107.95992
2,200.00	8.56	31.22	2,180.33	233.83	141.72	1,612,227.62	2,305,836.92	39.48854	-107.95987
2,400.00	8.56	31.22	2,378.10	259.30	157.16	1,612,253.09	2,305,852.35	39.48861	-107.95981
2,600.00	8.56	31.22	2,575.87	284.77	172.60	1,612,278.55	2,305,867.79	39.48868	-107.95976
2,800.00	8.56	31.22	2,773.64	310.24	188.03	1,612,304.02	2,305,883.22	39.48875	-107.95971
3,000.00	8.56	31.22	2,971.41	335.71	203.47	1,612,329.49	2,305,898.66	39.48882	-107.95966
3,200.00	8.56	31.22	3,169.18	361.17	218.90	1,612,354.96	2,305,914.09	39.48889	-107.95960
3,400.00	8.56	31.22	3,366.95	386.64	234.34	1,612,380.42	2,305,929.53	39.48897	-107.95955
3,600.00	8.56	31.22	3,564.72	412.11	249.77	1,612,405.89	2,305,944.96	39.48904	-107.95950
3,800.00	8.56	31.22	3,762.49	437.58	265.21	1,612,431.36	2,305,960.40	39.48911	-107.95945
4,000.00	8.56	31.22	3,960.26	463.05	280.64	1,612,456.82	2,305,975.83	39.48918	-107.95940
4,200.00	8.56	31.22	4,158.03	488.51	296.08	1,612,482.29	2,305,991.27	39.48925	-107.95934
4,211.38	8.56	31.22	4,169.29	489.96	296.96	1,612,483.74	2,305,992.15	39.48925	-107.95934
Mesaverde									
4,400.00	8.56	31.22	4,355.80	513.98	311.52	1,612,507.76	2,306,006.70	39.48932	-107.95929
4,600.00	8.56	31.22	4,553.57	539.45	326.95	1,612,533.22	2,306,022.14	39.48939	-107.95924
4,800.00	8.56	31.22	4,751.34	564.92	342.39	1,612,558.69	2,306,037.57	39.48946	-107.95919
5,000.00	8.56	31.22	4,949.11	590.38	357.82	1,612,584.16	2,306,053.01	39.48953	-107.95913
5,200.00	8.56	31.22	5,146.88	615.85	373.26	1,612,609.62	2,306,068.44	39.48961	-107.95908
5,400.00	8.56	31.22	5,344.65	641.32	388.69	1,612,635.09	2,306,083.88	39.48968	-107.95903
5,600.00	8.56	31.22	5,542.42	666.79	404.13	1,612,660.56	2,306,099.31	39.48975	-107.95898
5,800.00	8.56	31.22	5,740.19	692.26	419.57	1,612,686.02	2,306,114.75	39.48982	-107.95893
6,000.00	8.56	31.22	5,937.97	717.72	435.00	1,612,711.49	2,306,130.18	39.48989	-107.95887
6,200.00	8.56	31.22	6,135.74	743.19	450.44	1,612,736.96	2,306,145.62	39.48996	-107.95882
6,400.00	8.56	31.22	6,333.51	768.66	465.87	1,612,762.42	2,306,161.05	39.49003	-107.95877
6,600.00	8.56	31.22	6,531.28	794.13	481.31	1,612,787.89	2,306,176.49	39.49010	-107.95872
6,800.00	8.56	31.22	6,729.05	819.59	496.74	1,612,813.36	2,306,191.92	39.49017	-107.95866
7,000.00	8.56	31.22	6,926.82	845.06	512.18	1,612,838.82	2,306,207.36	39.49024	-107.95861
7,021.66	8.56	31.22	6,948.24	847.82	513.85	1,612,841.58	2,306,209.03	39.49025	-107.95861
Start Drop -1.50									
7,030.20	8.44	31.22	6,956.68	848.90	514.51	1,612,842.66	2,306,209.69	39.49026	-107.95860
Cameo Coals									
7,200.00	5.89	31.22	7,125.14	867.00	525.48	1,612,860.76	2,306,220.66	39.49031	-107.95857
7,400.00	2.89	31.22	7,324.53	880.09	533.41	1,612,873.85	2,306,228.59	39.49034	-107.95854
7,592.55	0.00	0.00	7,517.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
Vertical									
7,600.00	0.00	0.00	7,524.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853

WPX
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well PA 744-26 - Slot B2
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5189.00usft ((21' KB) Cyclone 17)
Project:	PA 35-06S-095W	MD Reference:	KELLY BUSHING @ 5189.00usft ((21' KB) Cyclone 17)
Site:	PA 341-35 Pad	North Reference:	Grid
Well:	PA 744-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1 20Feb14 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
7,692.55	0.00	0.00	7,617.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
Rollins Target - Rollins SS									
7,800.00	0.00	0.00	7,724.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
8,000.00	0.00	0.00	7,924.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
8,078.55	0.00	0.00	8,003.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
Cozzette									
8,200.00	0.00	0.00	8,124.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
8,350.55	0.00	0.00	8,275.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
Corcoran									
8,400.00	0.00	0.00	8,324.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
8,491.55	0.00	0.00	8,416.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
9 5/8"									
8,600.00	0.00	0.00	8,524.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
8,639.55	0.00	0.00	8,564.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
Upper Sego									
8,800.00	0.00	0.00	8,724.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
9,000.00	0.00	0.00	8,924.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
9,200.00	0.00	0.00	9,124.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
9,255.55	0.00	0.00	9,180.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
Lower Sego									
9,400.00	0.00	0.00	9,324.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
9,600.00	0.00	0.00	9,524.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
9,633.55	0.00	0.00	9,558.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
Loyd									
9,800.00	0.00	0.00	9,724.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
10,000.00	0.00	0.00	9,924.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
10,108.55	0.00	0.00	10,033.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
Castlegate 300									
10,200.00	0.00	0.00	10,124.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
10,280.55	0.00	0.00	10,205.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
Castlegate Hot Gamma Ray									
10,400.00	0.00	0.00	10,324.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
10,424.55	0.00	0.00	10,349.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
Marapos									
10,600.00	0.00	0.00	10,524.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
10,725.55	0.00	0.00	10,650.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
Mancos-B									
10,800.00	0.00	0.00	10,724.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
11,000.00	0.00	0.00	10,924.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
11,200.00	0.00	0.00	11,124.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
11,400.00	0.00	0.00	11,324.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
11,600.00	0.00	0.00	11,524.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
11,770.55	0.00	0.00	11,695.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
Buck Peak									
11,800.00	0.00	0.00	11,724.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
11,903.55	0.00	0.00	11,828.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
Niobrara									
11,924.55	0.00	0.00	11,849.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853
Niobrara Hot GR Marker									
12,000.00	0.00	0.00	11,924.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853

WPX
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well PA 744-26 - Slot B2
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5189.00usft ((21' KB) Cyclone 17)
Project:	PA 35-06S-095W	MD Reference:	KELLY BUSHING @ 5189.00usft ((21' KB) Cyclone 17)
Site:	PA 341-35 Pad	North Reference:	Grid
Well:	PA 744-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1 20Feb14 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	
12,032.55	0.00	0.00	11,957.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853	
Top Target (HN2)										
12,200.00	0.00	0.00	12,124.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853	
12,344.55	0.00	0.00	12,269.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853	
Top Target (HN1)										
12,400.00	0.00	0.00	12,324.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853	
12,600.00	0.00	0.00	12,524.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853	
12,702.55	0.00	0.00	12,627.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853	
Rangely Bench										
12,800.00	0.00	0.00	12,724.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853	
13,000.00	0.00	0.00	12,924.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853	
13,072.55	0.00	0.00	12,997.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853	
Fort Hays										
13,099.55	0.00	0.00	13,024.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853	
Carlile (base of Fort Hays)										
13,175.55	0.00	0.00	13,100.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853	
Juana Lopez										
13,200.00	0.00	0.00	13,124.45	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853	
13,258.55	0.00	0.00	13,183.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853	
TD at 13258.55 - TD (including rat hole)										

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	
Rollins (50' Radius) PA 7 - plan hits target center - Circle (radius 25.00)	0.00	1.55	7,617.00	884.24	535.92	1,612,878.00	2,306,231.10	39.49035	-107.95853	

Casing Points										
Measured Depth (usft)	Vertical Depth (usft)	Name				Casing Diameter (in)	Hole Diameter (in)			
8,491.55	8,416.00	9 5/8"				9.625	12.250			

WPX
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well PA 744-26 - Slot B2
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5189.00usft ((21' KB) Cyclone 17)
Project:	PA 35-06S-095W	MD Reference:	KELLY BUSHING @ 5189.00usft ((21' KB) Cyclone 17)
Site:	PA 341-35 Pad	North Reference:	Grid
Well:	PA 744-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1 20Feb14 kjs		

Formations					
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,211.38	4,169.29	Mesaverde		1.828	31.22
7,030.20	6,956.68	Cameo Coals		1.828	31.22
7,692.55	7,617.00	Rollins SS		1.828	31.22
8,078.55	8,003.00	Cozzette		1.828	31.22
8,350.55	8,275.00	Corcoran		1.828	31.22
8,639.55	8,564.00	Upper Sego		1.828	31.22
9,255.55	9,180.00	Lower Sego		1.828	31.22
9,633.55	9,558.00	Loyd		1.828	31.22
10,108.55	10,033.00	Castlegate 300		1.828	31.22
10,280.55	10,205.00	Castlegate Hot Gamma Ray		1.828	31.22
10,424.55	10,349.00	Marapos		1.828	31.22
10,725.55	10,650.00	Mancos-B		1.828	31.22
11,770.55	11,695.00	Buck Peak		1.828	31.22
11,903.55	11,828.00	Niobrara		1.828	31.22
11,924.55	11,849.00	Niobrara Hot GR Marker		1.828	31.22
12,032.55	11,957.00	Top Target (HN2)		1.828	31.22
12,344.55	12,269.00	Top Target (HN1)		1.828	31.22
12,702.55	12,627.00	Rangely Bench		1.828	31.22
13,072.55	12,997.00	Fort Hays		1.828	31.22
13,099.55	13,024.00	Carlile (base of Fort Hays)		1.828	31.22
13,175.55	13,100.00	Juana Lopez		1.828	31.22
13,258.55	13,183.00	TD (including rat hole)		1.828	31.22

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
150.00	150.00	0.00	0.00	Start Build 2.00
578.16	576.57	27.31	16.55	Hold 8.56° Inc, 29.67° Az
7,021.66	6,948.24	847.82	513.85	Start Drop -1.50
7,592.55	7,517.00	884.24	535.92	Vertical
7,692.55	7,617.00	884.24	535.92	Rollins Target
13,258.55	13,183.00	884.24	535.92	TD at 13258.55