



Handwritten signatures and initials

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

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.)

RECEIVED FEB 25 2013 COGCC

1. OGCC Operator Number: 96850
2. Name of Operator: WPX Energy Rocky Mountain LLC
3. Address: 1001 17th St., Suite 1200
4. Contact Name: Howard Harris
5. API Number: 05-045-21864-00
6. Well/Facility Name: Federal
7. Well/Facility Number: PA 411-27
8. Location: Lot 6 Sec 27 T6S-R95W
9. County: Garfield
10. Field Name: Parachute
11. Federal, Indian or State Lease Number: COC62161

Complete the Attachment Checklist
OP OGCC
Survey Plat
Directional Survey X 2165588
Surface Eqmpt Diagram
Technical Info Page X X
Other

General Notice

CHANGE OF LOCATION: Attach New Survey Plat
Change of Surface Footage from Exterior Section Lines:
Change of Surface Footage to Exterior Section Lines:
Change of Bottomhole Footage from Exterior Section Lines:
Change of Bottomhole Footage to Exterior Section Lines:
Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer
Latitude
Longitude
Ground Elevation
Distance to nearest property line
Distance to nearest bldg, public rd, utility or RR
Distance to nearest lease line
Is location in a High Density Area (rule 603b)? Yes/No NO
Distance to nearest well same formation
Surface owner consultation date:

GPS DATA:
Date of Measurement
PDOP Reading
Instrument Operator's Name

CHANGE SPACING UNIT
Formation
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
From:
To:
Effective Date:
NUMBER

ABANDONED LOCATION:
Was location ever built? Yes No
Is site ready for inspection? Yes No
Date Ready for Inspection:
NOTICE OF CONTINUED SHUT IN STATUS
Date 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
Method used
Cementing tool setting/perf depth
Cement volume
Cement top
Cement bottom
Date
\*submit cbi and cement job summaries

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 Intent
Approximate Start Date: Rig Availability 2/22/13
Report of Work Done
Date Work Completed:

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

Intent to Recomplete (submit form 2)
Change Drilling Plans
Gross interval Changed?
Casing/Cementing Program Change
Request to Vent or Flare
Repair Well
Rule 502 variance requested
Other: Reduce Surface Casing Depth for Spills and Releases
E&P Waste Disposal
Beneficial Reuse of E&P Waste
Status Update/Change of Remediation Plans

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

Signed: Howard Harris
Date: 2/24/13
Email: Howard.Harris@Williams.com
Print Name: Howard Harris
Title: Sr. Regulatory Specialist

COGCC Approved:
Title: NWAE
Date: 4/5/13
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
FEB 25 2013  
COGCC

FORM  
4  
Rev 12/05

Page 2

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

- 1. OGCC Operator Number: 96850 API Number: 05-045-21864-00
- 2. Name of Operator: WPX Energy Rocky Mountain LLC OGCC Facility ID # \_\_\_\_\_
- 3. Well/Facility Name: Federal Well/Facility Number: PA 411-27
- 4. Location (QtrQtr, Sec, Twp, Rng, Meridian): Lot 6 Sec 27 T6S-R95W

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.

DESCRIBE PROPOSED OR COMPLETED OPERATIONS

WPX Energy wishes to reduce the surface casing depth on the subject well. The original depth permitted was in error due to incorrect formation top. The revised surface casing set depth is 2777'MD, 2686'TVD, cemented with 706 sx cmt

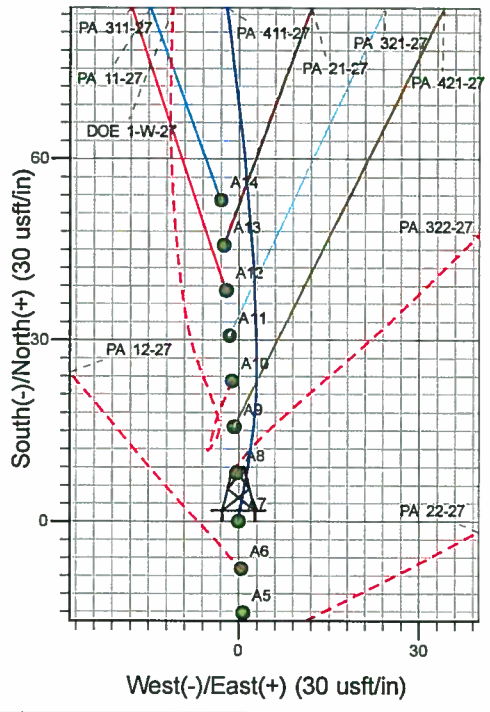
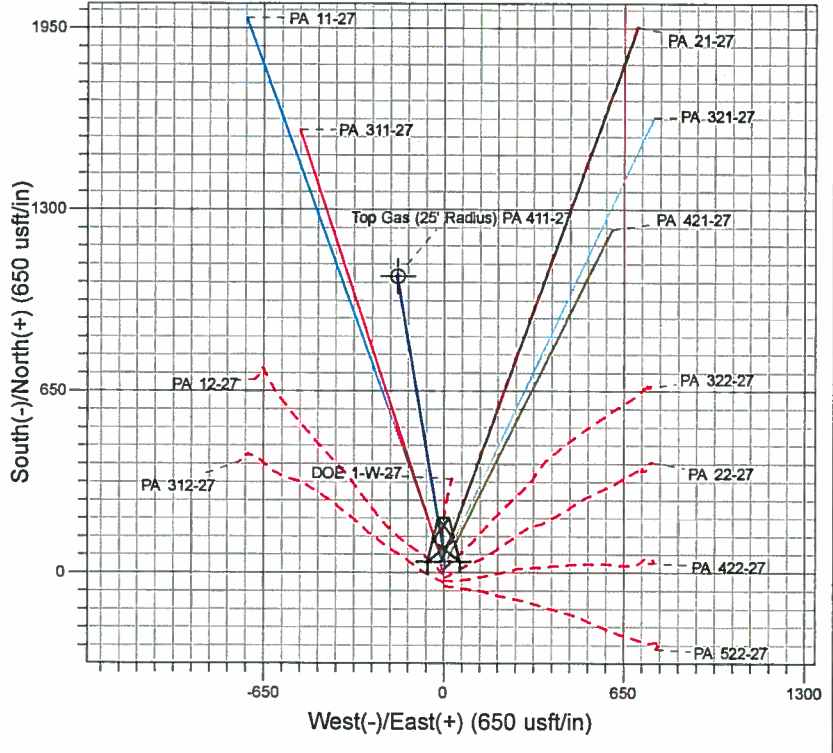
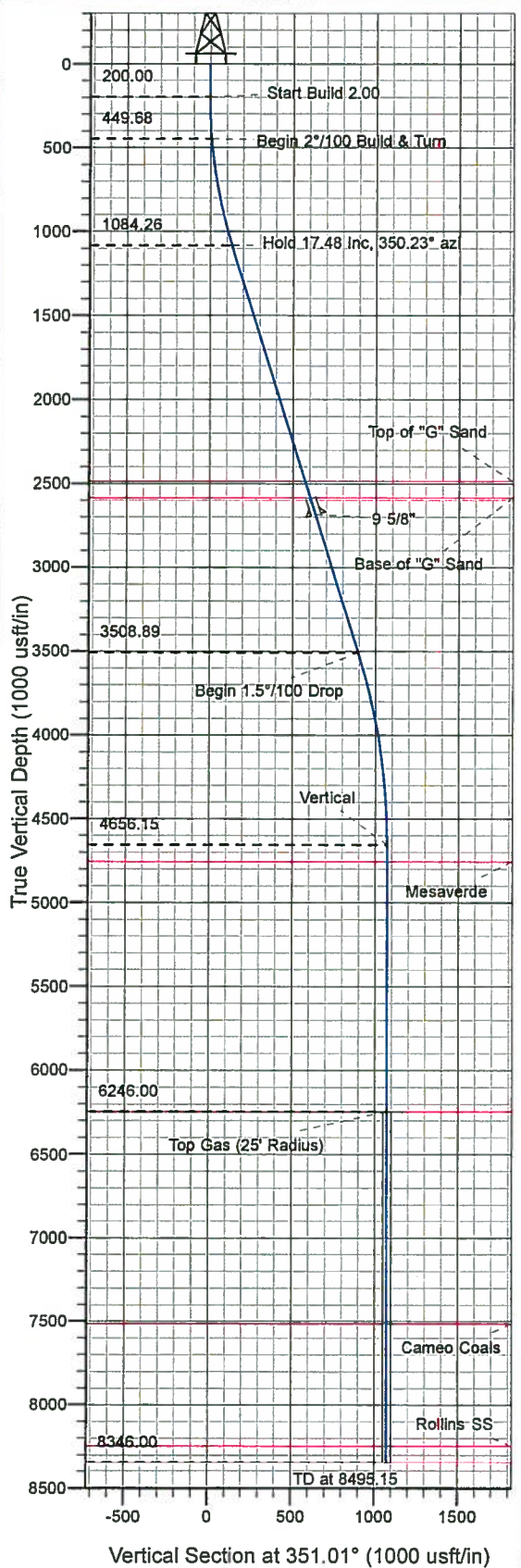


Well Name: PA 411-27  
 Surface Location: DOE 1-W-27 Pad  
 North American Datum 1983, US State Plane 1983, Colorado Central Zone  
 Ground Elevation: 5840.00  
 Kelly Bushing @ 5866.00usft (Nabors 577 (26' KB))

FEB 25 2013



+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1615405.20	2297661.60	39.49665	-107.98913	A7



Project: PA 27-06S-095W  
 Site: DOE 1-W-27 Pad  
 Well: PA 411-27  
 Design #2 10Jan13 kjs

**M** Azimuths to True North  
 Magnetic North: 11.45°  
 Magnetic Field  
 Strength: 53050.4snT  
 Dip Angle: 65.99°  
 Date: 12/31/2004  
 Model: IGRF2000

ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	Start Build 2.00	
450.00	5.00	10.00	449.68	10.74	1.89	10.31	10.90	Begin 2°/100 Build & Turn	
1098.21	17.46	350.31	1084.26	135.48	-9.79	135.34	136.58	Hold 17.48 Inc. 350.23° azi	
3639.91	17.46	350.31	3508.89	887.10	-138.15	897.79	899.08	Begin 1.5°/100 Drop	
4805.15	0.00	0.00	4656.15	1050.90	-167.83	1074.09	1075.40	Vertical	
6395.00	0.00	0.00	6248.00	1050.90	-167.83	1074.10	1075.40	Top Gas	
8495.00	0.00	0.00	8346.00	1050.91	-167.83	1074.10	1075.41	TD at 8495.15	



**GEOLOGIC & DRILLING PROGNOSIS**

Prepared: 01-14-2013  
 G-Sand & csg depth modified: 28-Jan-13 sda

**WELL NAME:** PA 411-27  
 Directional from the pad DOE 1-W-27

**STATE:** CO **API:**  
**COUNTY:** GARFIELD  
**BOTTOM HOLE LOCATION:** Sec. 27 T 6 S R 95 W 10-Acre FED  
**TYPE OF UNIT:** N/2 Section 27, 320-Acre  
**SURFACE HOLE FOOTAGE:** 2128' FNL 1308' FWL Sec. 27 T 6 S R 95 W  
**BOTTOM HOLE FOOTAGE:** 1067' FNL 1129' FWL Sec. 27 T 6 S R 95 W  
**SURFACE HOLE XY:** 2297661.6 1615405.2  
**BOTTOM HOLE XY:** 2297522.906 1616470.3  
**FEDERAL EA:** NA  
**HARDLINE:** No  
**WASATCH CEMENT:** YES

**ELEVATION (ft):** PAD: 5840  
 KELLY BUSHING: 5866

**RIG INFORMATION:**  
 RIG NAME: Nabors 577  
 KB HEIGHT (ft): 26

**ESTIMATE TOPS:**

Formation	TVD	MD	Comments
Wasatch	Surface	Surface	
Top of "G" Sand	2486	2568	
Base of "G" Sand	2586	2672	
Mesaverde	4756	4905	
Approx. Top Gas	6246	6395	(Water zones may be encountered within the upper portion of the Mesaverde)
Cameo Coals	7516	7665	
Rollins SS	8246	8395	
TD	8346	8495	If pay encountered within 150' of Rollins, drill 150' rathole below base last pay. If no pay is encountered within 150' of the Rollins, TD well at 8420 ft (md)

**MUD LOGGING (md):** 2777 to TD. (One man or computer unit with at least total gas and drill rate.)

**LOGGING PROGRAM:** Type of Log: Cased-hole Pulsed Neutron log (e.g. RMTE or RPM)  
 Interval (md): GR from TD to surface  
 Pulsed Neutron from TD to 200ft above the Mesaverde top (md)

Strap drill pipe by latest trip prior to TD

**CSG & CEMENT PROGRAM: SHOE TEST REQUIRED**

Conductor:	csg size (in)	depth set at (tvd)	depth set at (md)	hole size (in)	Approximate Cmt (ft3) Tail	Tail Yield ft <sup>3</sup> /Sx	Approx. Sx Tail	Approximate Cmt (ft3) Lead	Lead Yield ft <sup>3</sup> /Sx	Approx. Sx Lead	WOC (hrs)
Surface:	9 5/8"	2686	2777	13 1/2"	352	2.11	167	1277	2.37	539	8
Intermediate:											
Liner or Production:	4 1/2"	8346	8495	8 3/4"	811	1.33	610	503	1.81	278	
					Surface (sacks): 706		Prod (Sacks): 888				

Surface cement volumes are calculated w/ 20% excess in gauge hole,  
 Production cement: tail is calculated to be 300 ft above geologists pick of top of gas, lead TOC is calculated 300 ft above top of MVRD. 10% Excess added.

**ANTICIPATED PRESSURES**

MASP	Prod Csg Test Pressure	Anticipated BHP	Pressure (psi)	Prod. Csg. Grade
2,150	7,000	5,425		E/I-80

**MUD PROGRAM:** (Do not deviate from mud engineer's recommendation without prior consent from Parachute office)

FROM (md)	TO (md)	TYPE MUD	#/GAL	VIS	WL
0	2777	Spud	9.0-9.5	45-50	
2777	8495	LSND	9.0-12.5	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.

(note: if there are questions concerning TD or logging, please call Geologist)

WPX Geologists:	Office	Cell	Home
Susan Anderson (PA/SP/GM/SG wells)	303-606-4069	303-385-7529	720-484-5901
Kim Roberts (PA/SP Wells)	303-629-8438	303-646-7411	303-979-2709
Trevor Gates (KP Wells)	303-629-8431	720-254-4913	
Scott Meade		970-260-8131	



WPX Energy  
Planning Report - Geographic

FEB 25 2013  
COGCC

<b>Database:</b>	COMPASS-PICEANCE	<b>Local Co-ordinate Reference:</b>	Well PA 411-27 - Slot A7
<b>Company:</b>	PICEANCE VLY NAD 83	<b>TVD Reference:</b>	KELLY BUSHING @ 5866.00usft (Nabors 577 (26' KB))
<b>Project:</b>	PA 27-06S-095W	<b>MD Reference:</b>	KELLY BUSHING @ 5866.00usft (Nabors 577 (26' KB))
<b>Site:</b>	DOE 1-W-27 Pad	<b>North Reference:</b>	True
<b>Well:</b>	PA 411-27	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #2 10Jan13 kjs		

<b>Project</b>	PA 27-06S-095W, Garfield County, CO, 27-06S-095W		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Colorado Central Zone		Using geodetic scale factor

<b>Site</b>	DOE 1-W-27 Pad				
<b>Site Position:</b>		<b>Northing:</b>	1,615,428.38 usft	<b>Latitude:</b>	39.49671
<b>From:</b>	Map	<b>Easting:</b>	2,297,661.11 usft	<b>Longitude:</b>	-107.98913
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	13.200 in	<b>Grid Convergence:</b>	-1.57 °

<b>Well</b>	PA 411-27 - Slot A7					
<b>Well Position</b>	+N/-S	0.00 usft	<b>Northing:</b>	1,615,405.20 usft	<b>Latitude:</b>	39.49665
	+E/-W	0.00 usft	<b>Easting:</b>	2,297,661.60 usft	<b>Longitude:</b>	-107.98913
<b>Position Uncertainty</b>		0.00 usft	<b>Wellhead Elevation:</b>		<b>Ground Level:</b>	5,840.00 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2000	12/31/2004	11.45	65.99	53,050

<b>Design</b>	Design #2 10Jan13 kjs			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.00	0.00	0.00	351.01

<b>Plan Sections</b>											
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Buidl 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		
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00		
450.00	5.00	10.00	449.68	10.74	1.89	2.00	2.00	0.00	10.00		
1,092.86	17.46	350.31	1,079.16	133.89	-9.52	2.00	1.94	-3.06	-27.02		
3,641.18	17.46	350.31	3,510.10	887.47	-138.21	0.00	0.00	0.00	0.00		
4,805.00	0.00	0.00	4,656.00	1,060.90	-167.83	1.50	-1.50	0.83	180.00		
8,495.00	0.00	0.00	8,346.00	1,060.91	-167.83	0.00	0.00	0.00	0.00		



**WPX Energy**  
Planning Report - Geographic

<b>Database:</b>	COMPASS-PICEANCE	<b>Local Co-ordinate Reference:</b>	Well PA 411-27 - Slot A7
<b>Company:</b>	PICEANCE VLY NAD 83	<b>TVD Reference:</b>	KELLY BUSHING @ 5866.00usft (Nabors 577 (26' KB))
<b>Project:</b>	PA 27-06S-095W	<b>MD Reference:</b>	KELLY BUSHING @ 5866.00usft (Nabors 577 (26' KB))
<b>Site:</b>	DOE 1-W-27 Pad	<b>North Reference:</b>	True
<b>Well:</b>	PA 411-27	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #2 10Jan13 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	1,615,405.20	2,297,661.60	39.49665	-107.98913	
200.00	0.00	0.00	200.00	0.00	0.00	1,615,405.20	2,297,661.60	39.49665	-107.98913	
<b>Start Build 2.00</b>										
450.00	5.00	10.00	449.68	10.74	1.89	1,615,415.88	2,297,663.79	39.49668	-107.98912	
<b>Begin 2°/100 Build &amp; Turn</b>										
500.00	5.91	5.58	499.46	15.44	2.52	1,615,420.56	2,297,664.55	39.49669	-107.98912	
1,000.00	15.62	351.22	990.14	107.81	-5.27	1,615,513.10	2,297,659.29	39.49694	-107.98915	
1,092.86	17.46	350.31	1,079.16	133.89	-9.52	1,615,539.30	2,297,655.75	39.49702	-107.98916	
1,098.21	17.46	350.31	1,084.26	135.48	-9.79	1,615,540.88	2,297,655.52	39.49702	-107.98916	
<b>Hold 17.48 Inc, 350.23° azi</b>										
1,500.00	17.46	350.31	1,467.55	254.29	-30.08	1,615,660.21	2,297,638.50	39.49735	-107.98924	
2,000.00	17.46	350.31	1,944.52	402.15	-55.33	1,615,808.70	2,297,617.31	39.49775	-107.98933	
2,500.00	17.46	350.31	2,421.49	550.01	-80.58	1,615,957.18	2,297,596.12	39.49816	-107.98942	
2,567.63	17.46	350.31	2,486.00	570.01	-84.00	1,615,977.27	2,297,593.25	39.49821	-107.98943	
<b>Top of "G" Sand</b>										
2,672.46	17.46	350.31	2,586.00	601.01	-89.29	1,616,008.40	2,297,588.81	39.49830	-107.98945	
<b>Base of "G" Sand</b>										
2,777.29	17.46	350.31	2,686.00	632.01	-94.58	1,616,039.53	2,297,584.37	39.49838	-107.98946	
<b>9 5/8"</b>										
3,000.00	17.46	350.31	2,898.46	697.87	-105.83	1,616,105.67	2,297,574.93	39.49856	-107.98950	
3,500.00	17.46	350.31	3,375.43	845.73	-131.08	1,616,254.16	2,297,553.74	39.49897	-107.98959	
3,639.91	17.46	350.31	3,508.89	887.10	-138.15	1,616,295.71	2,297,547.81	39.49908	-107.98962	
<b>Begin 1.5°/100 Drop</b>										
3,641.18	17.46	350.31	3,510.10	887.47	-138.21	1,616,296.09	2,297,547.76	39.49909	-107.98962	
4,000.00	12.08	350.31	3,856.94	977.59	-153.60	1,616,386.59	2,297,534.85	39.49933	-107.98967	
4,500.00	4.58	350.31	4,351.32	1,048.90	-165.78	1,616,458.20	2,297,524.63	39.49953	-107.98972	
4,805.00	0.00	0.00	4,656.00	1,060.90	-167.83	1,616,470.25	2,297,522.91	39.49956	-107.98972	
4,805.15	0.00	0.00	4,656.15	1,060.90	-167.83	1,616,470.25	2,297,522.91	39.49956	-107.98972	
<b>Vertical</b>										
4,905.00	0.00	0.00	4,756.00	1,060.90	-167.83	1,616,470.25	2,297,522.91	39.49956	-107.98972	
<b>Mesaverde</b>										
5,000.00	0.00	0.00	4,851.00	1,060.90	-167.83	1,616,470.25	2,297,522.91	39.49956	-107.98972	
5,500.00	0.00	0.00	5,351.00	1,060.90	-167.83	1,616,470.25	2,297,522.91	39.49956	-107.98972	
6,000.00	0.00	0.00	5,851.00	1,060.90	-167.83	1,616,470.26	2,297,522.91	39.49956	-107.98972	
6,395.00	0.00	0.00	6,246.00	1,060.90	-167.83	1,616,470.26	2,297,522.91	39.49956	-107.98972	
<b>Top Gas - Approx. Top Gas</b>										
6,500.00	0.00	0.00	6,351.00	1,060.90	-167.83	1,616,470.26	2,297,522.91	39.49956	-107.98972	
7,000.00	0.00	0.00	6,851.00	1,060.91	-167.83	1,616,470.26	2,297,522.91	39.49956	-107.98972	
7,500.00	0.00	0.00	7,351.00	1,060.91	-167.83	1,616,470.26	2,297,522.91	39.49956	-107.98972	
7,665.00	0.00	0.00	7,516.00	1,060.91	-167.83	1,616,470.26	2,297,522.91	39.49956	-107.98972	
<b>Cameo Coals</b>										
8,000.00	0.00	0.00	7,851.00	1,060.91	-167.83	1,616,470.26	2,297,522.91	39.49956	-107.98972	
8,395.00	0.00	0.00	8,246.00	1,060.91	-167.83	1,616,470.26	2,297,522.91	39.49956	-107.98972	
<b>Rollins SS</b>										
8,495.00	0.00	0.00	8,346.00	1,060.91	-167.83	1,616,470.26	2,297,522.91	39.49956	-107.98972	
<b>TD at 8495.15</b>										



<b>Database:</b>	COMPASS-PICEANCE	<b>Local Co-ordinate Reference:</b>	Well PA 411-27 - Slot A7
<b>Company:</b>	PICEANCE VLY NAD 83	<b>TVD Reference:</b>	KELLY BUSHING @ 5866.00usft (Nabors 577 (26' KB))
<b>Project:</b>	PA 27-06S-095W	<b>MD Reference:</b>	KELLY BUSHING @ 5866.00usft (Nabors 577 (26' KB))
<b>Site:</b>	DOE 1-W-27 Pad	<b>North Reference:</b>	True
<b>Well:</b>	PA 411-27	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #2 10Jan13 kjs		

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N-S (usft)	+E-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Top Gas (25' Radius) P/A - hit/miss target - Shape - Circle (radius 25.00)	0.00	0.00	6,246.00	1,060.90	-167.83	1,616,470.25	2,297,522.91	39.49956	-107.98972

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diameter (in)	
2,777.29	2,686.00	9 5/8"	9.625	13.500	

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,567.63	2,486.00	Top of "G" Sand				
2,672.46	2,586.00	Base of "G" Sand				
4,905.00	4,756.00	Mesaverde				
6,395.00	6,246.00	Approx. Top Gas				
7,665.00	7,516.00	Cameo Coals				
8,395.00	8,246.00	Rollins SS				
8,495.00	8,346.00	TD				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N-S (usft)	+E-W (usft)		
200.00	200.00	0.00	0.00	Start Build 2.00	
450.00	449.68	10.74	1.89	Begin 2°/100 Build & Turn	
1,098.21	1,084.26	135.48	-9.79	Hold 17.48 Inc, 350.23° azi	
3,639.91	3,508.89	887.10	-138.15	Begin 1.5°/100 Drop	
4,805.15	4,656.15	1,060.90	-167.83	Vertical	
6,395.00	6,246.00	1,060.90	-167.83	Top Gas	
8,495.00	8,346.00	1,060.91	-167.83	TD at 8495.15	

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## **PICEANCE VLY NAD 83**

PA 27-06S-095W  
DOE 1-W-27 Pad  
PA 411-27 - Slot A7

Wellbore #1

Plan: Design #2 10Jan13 kjs

## **Standard Planning Report - Geographic**

31 January, 2013