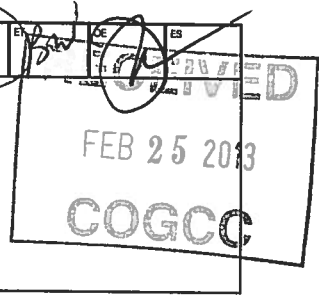




SUNDRY NOTICE

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.)



1. OGCC Operator Number: 96850	4. Contact Name: Howard Harris
2. Name of Operator: WPX Energy Rocky Mountain LLC	Phone: 303-606-4086
3. Address: 1001 17th St., Suite 1200	Fax: 303-629-8268
City: Denver State: CO Zip: 80202	
5. API Number 05-045-21862-00	OGCC Facility ID Number
6. Well/Facility Name: Federal	7. Well/Facility Number PA 21-27
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): 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 2165590
Surface Eqpm Diagram	
Technical Info Page	X
Other	

General Notice

☐ CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)

Change of Surface Footage from Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer

Latitude Distance to nearest property line Distance to nearest bldg, public rd, utility or RR

Longitude Distance to nearest lease line Is location in a High Density Area (rule 603b)? Yes/No NO

Ground Elevation 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

<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):	<input type="checkbox"/> CHANGE WELL NAME
Effective Date:	From:
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	To:
	Effective Date:

<input type="checkbox"/> ABANDONED LOCATION:	<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS
Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No	Date well shut in or temporarily abandoned:
Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No
Date Ready for inspection:	MIT required if shut in longer than two years. Date of last MIT

<input type="checkbox"/> SPUD DATE:	<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)
-------------------------------------	---

☐ SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK \*submit cbl and cement job summaries

Method used	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom	Date

☐ 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

<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Report of Work Done
Approximate Start Date: Rig Availability 2/22/13	Date Work Completed:

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

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

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: 2/22/13 Email: Howard.Harris@Williams.com

Print Name: Howard Harris Title: Sr. Regulatory Specialist

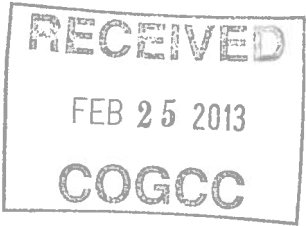
COGCC Approved: [Signature] Title: NWAENGR Date: 4/5/13

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY



1. OGCC Operator Number:	96850	API Number:	05-045-21862-00
2. Name of Operator:	WPX Energy Rocky Mountain LLC OGCC Facility ID #		
3. Well/Facility Name:	Federal	Well/Facility Number:	PA 21-27
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 2883'MD, 2716'TVD, cemented with 732 sx cmt



02165590

+N/-S  
0.00

+E/-W  
0.00

Northing  
1615450.90

Easting  
2297660.40

Latitude  
39.49677

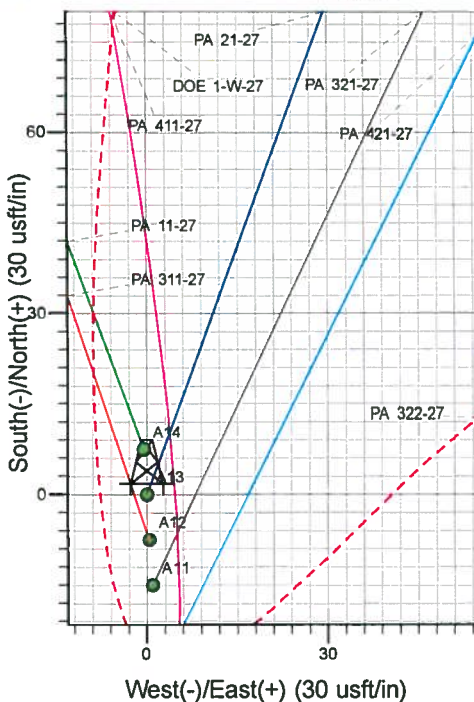
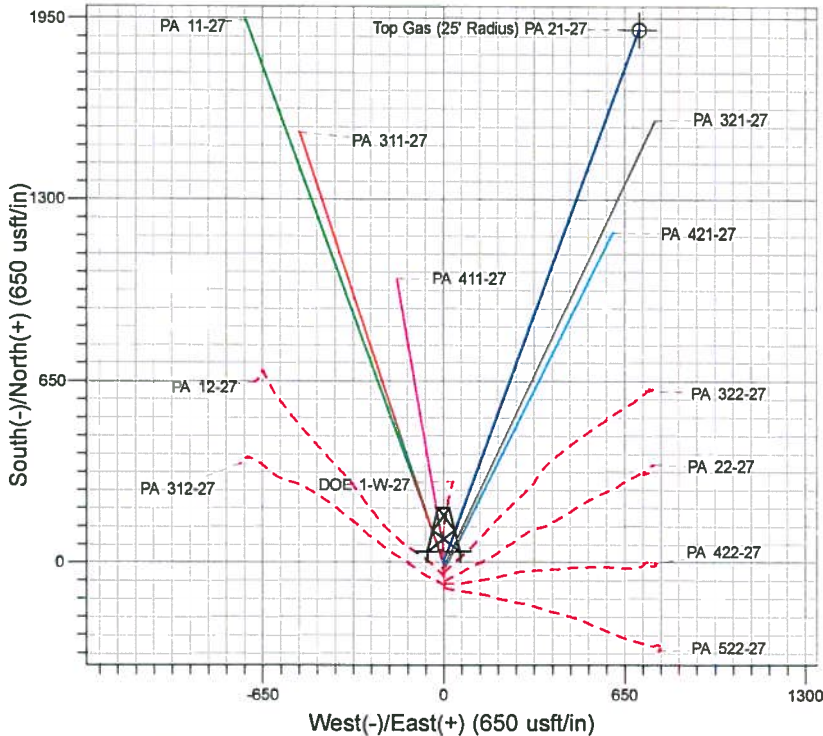
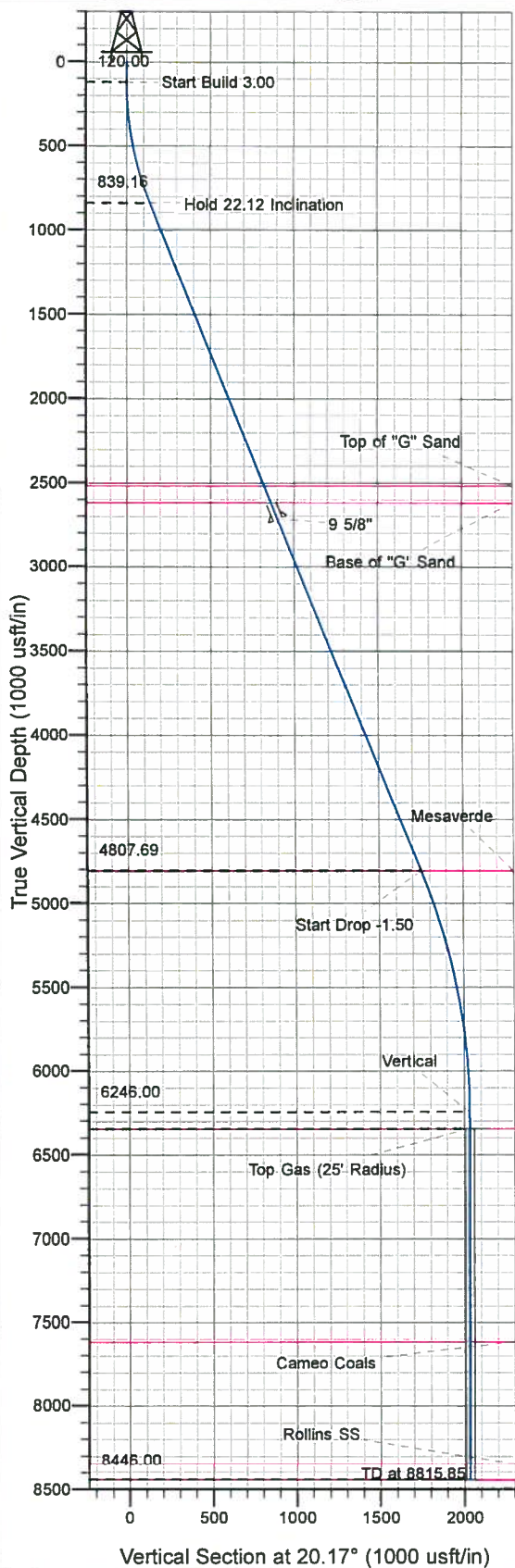
Longitude  
-107.98914

Slot  
A13

Well Name: PA 21-27  
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

COGCC



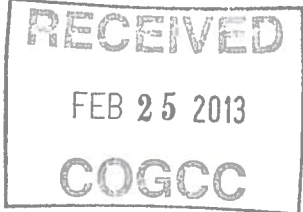
Project: PA 27-06S-095W  
Site: DOE 1-W-27 Pad  
Well: PA 21-27  
Design #2 10Jan13 kjs



Azimuths to True North  
Magnetic North: 11.45°  
Magnetic Field  
Strength: 53050.5snT  
Dip Angle: 65.99°  
Date: 12/31/2004  
Model: IGRF2000

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	Start Build 3.00
857.34	22.12	20.17	839.16	131.95	48.48	140.57	140.57	Hold 22.12 Inclination
5141.17	22.12	20.17	4807.69	1646.05	604.81	1753.65	1753.65	Start Drop -1.50
6615.85	0.00	0.00	6246.00	1909.95	701.78	2034.80	2034.80	Vertical
6715.85	0.00	0.00	5345.00	1909.95	701.78	2034.80	2034.80	Top Gas
8815.85	0.00	0.00	8446.00	1909.95	701.78	2034.80	2034.80	TD at 8815.85



GEOLOGIC & DRILLING PROGNOSIS

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

WELL NAME: PA 21-27  
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: 2083' FNL 1305' FWL Sec. 27 T 6 S R 95 W  
BOTTOM HOLE FOOTAGE: 173' FNL 1988' FWL Sec. 27 T 6 S R 95 W  
SURFACE HOLE XY: 2297660.4 1615450.9  
BOTTOM HOLE XY: 2298414.207 1617340.83  
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	2516	2667	
	Base of "G" Sand	2616	2775	
	Mesaverde	4806	5139	
	Approx. Top Gas	6346	6716	(Water zones may be encountered within the upper portion of the Mesaverde)
	Cameo Coals	7616	7986	
	Rollins SS	8346	8716	
	TD	8446	8816	

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 8741 ft (md)

MUD LOGGING (md): 4939 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

	csg size (in)	depth set at (lvd)	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)
Conductor:											
Surface:	9 5/8"	2716	2883.3	13 1/2"	352	2.11	167	1339	2.37	565	8
Intermediate:											
Liner or Production:	4 1/2"	8446	8816	8 3/4"	811	1.33	610	533	1.81	294	
					Surface (sacks): 732		Prod (Sacks): 904				

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	5,490		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	2883	Spud	9.0-9.5	45-50	
2883	8816	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

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well PA 21-27 - Slot A13
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5866.00usft (Nabors 577 (26' KB))
Project:	PA 27-06S-095W	MD Reference:	KELLY BUSHING @ 5866.00usft (Nabors 577 (26' KB))
Site:	DOE 1-W-27 Pad	North Reference:	True
Well:	PA 21-27	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2 10Jan13 kjs		

Project	PA 27-06S-095W, Garfield County, CO, 27-06S-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		DOE 1-W-27 Pad			
Site Position:		Northing:	1,615,428.38 usft	Latitude:	39.49671
From:	Map	Easting:	2,297,661.11 usft	Longitude:	-107.98913
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	-1.57 °

Well	PA 21-27 - Slot A13					
Well Position	+N/-S	0.00 usft	Northing:	1,615,450.90 usft	Latitude:	39.49677
	+E/-W	0.00 usft	Easting:	2,297,660.40 usft	Longitude:	-107.98914
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	5,840.00 usft

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

Design	Design #2 10Jan13 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	20.17

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	
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	
857.34	22.12	20.17	839.16	131.95	48.48	3.00	3.00	0.00	20.17	
5,141.17	22.12	20.17	4,807.69	1,646.05	604.81	0.00	0.00	0.00	0.00	
6,615.85	0.00	0.00	6,246.00	1,909.95	701.78	1.50	-1.50	0.00	180.00	
6,715.85	0.00	0.00	6,346.00	1,909.95	701.78	0.00	0.00	0.00	0.00	Top Gas (25' Radius)
8,815.85	0.00	0.00	8,446.00	1,909.95	701.78	0.00	0.00	0.00	0.00	



WPX Energy  
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well PA 21-27 - Slot A13
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5866.00usft (Nabors 577 (26' KB))
Project:	PA 27-06S-095W	MD Reference:	KELLY BUSHING @ 5866.00usft (Nabors 577 (26' KB))
Site:	DOE 1-W-27 Pad	North Reference:	True
Well:	PA 21-27	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	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	1,615,450.90	2,297,660.40	39.49677	-107.98914
120.00	0.00	0.00	120.00	0.00	0.00	1,615,450.90	2,297,660.40	39.49677	-107.98914
Start Build 3.00									
500.00	11.40	20.17	497.50	35.37	13.00	1,615,485.89	2,297,674.36	39.49687	-107.98909
857.34	22.12	20.17	839.16	131.95	48.48	1,615,581.46	2,297,712.48	39.49714	-107.98897
Hold 22.12 Inclination									
1,000.00	22.12	20.17	971.32	182.37	67.01	1,615,631.36	2,297,732.38	39.49727	-107.98890
1,500.00	22.12	20.17	1,434.52	359.09	131.94	1,615,806.23	2,297,802.13	39.49776	-107.98867
2,000.00	22.12	20.17	1,897.72	535.82	196.88	1,615,981.10	2,297,871.87	39.49825	-107.98844
2,500.00	22.12	20.17	2,360.91	712.54	261.81	1,616,155.97	2,297,941.62	39.49873	-107.98821
2,667.41	22.12	20.17	2,516.00	771.71	283.55	1,616,214.52	2,297,964.98	39.49889	-107.98813
Top of "G" Sand									
2,775.35	22.12	20.17	2,616.00	809.86	297.57	1,616,252.27	2,297,980.03	39.49900	-107.98808
Base of "G" Sand									
2,883.30	22.12	20.17	2,716.00	848.02	311.59	1,616,290.02	2,297,995.09	39.49910	-107.98803
9 5/8"									
3,000.00	22.12	20.17	2,824.11	889.26	326.74	1,616,330.84	2,298,011.37	39.49922	-107.98798
3,500.00	22.12	20.17	3,287.31	1,065.99	391.68	1,616,505.71	2,298,081.12	39.49970	-107.98775
4,000.00	22.12	20.17	3,750.51	1,242.71	456.61	1,616,680.58	2,298,150.87	39.50019	-107.98752
4,500.00	22.12	20.17	4,213.71	1,419.43	521.54	1,616,855.45	2,298,220.61	39.50067	-107.98729
5,000.00	22.12	20.17	4,676.90	1,596.16	586.48	1,617,030.32	2,298,290.36	39.50116	-107.98706
5,139.35	22.12	20.17	4,806.00	1,645.41	604.58	1,617,079.06	2,298,309.80	39.50129	-107.98700
Mesaverde									
5,141.17	22.12	20.17	4,807.69	1,646.05	604.81	1,617,079.70	2,298,310.06	39.50129	-107.98699
Start Drop -1.50									
5,500.00	16.74	20.17	5,145.96	1,758.05	645.96	1,617,190.52	2,298,354.26	39.50160	-107.98685
6,000.00	9.24	20.17	5,632.82	1,863.45	684.69	1,617,294.81	2,298,395.86	39.50189	-107.98671
6,500.00	1.74	20.17	6,130.17	1,908.30	701.17	1,617,339.19	2,298,413.56	39.50201	-107.98665
6,615.85	0.00	0.00	6,246.00	1,909.95	701.78	1,617,340.83	2,298,414.21	39.50202	-107.98665
Vertical									
6,715.85	0.00	0.00	6,346.00	1,909.95	701.78	1,617,340.83	2,298,414.21	39.50202	-107.98665
Top Gas - Approx. Top Gas									
7,000.00	0.00	0.00	6,630.15	1,909.95	701.78	1,617,340.83	2,298,414.21	39.50202	-107.98665
7,500.00	0.00	0.00	7,130.15	1,909.95	701.78	1,617,340.83	2,298,414.21	39.50202	-107.98665
7,985.85	0.00	0.00	7,616.00	1,909.95	701.78	1,617,340.83	2,298,414.21	39.50202	-107.98665
Cameo Coals									
8,000.00	0.00	0.00	7,630.15	1,909.95	701.78	1,617,340.83	2,298,414.21	39.50202	-107.98665
8,500.00	0.00	0.00	8,130.15	1,909.95	701.78	1,617,340.83	2,298,414.21	39.50202	-107.98665
8,715.85	0.00	0.00	8,346.00	1,909.95	701.78	1,617,340.83	2,298,414.21	39.50202	-107.98665
Rollins SS									
8,815.85	0.00	0.00	8,446.00	1,909.95	701.78	1,617,340.83	2,298,414.21	39.50202	-107.98665
TD									

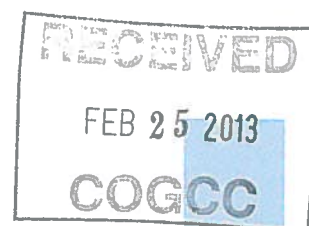
<b>Database:</b>	COMPASS-PICEANCE	<b>Local Co-ordinate Reference:</b>	Well PA 21-27 - Slot A13
<b>Company:</b>	PICEANCE VLY NAD 83	<b>TVD Reference:</b>	KELLY BUSHING @ 5866.00usft (Nabors 577 (26' KB))
<b>Project:</b>	PA 27-06S-095W	<b>MD Reference:</b>	KELLY BUSHING @ 5866.00usft (Nabors 577 (26' KB))
<b>Site:</b>	DOE 1-W-27 Pad	<b>North Reference:</b>	True
<b>Well:</b>	PA 21-27	<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	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
Top Gas (25' Radius) P/	0.00	0.00	6,346.00	1,909.95	701.78	1,617,340.83	2,298,414.21	39.50202	-107.98665
- plan hits target center									
- Circle (radius 25.00)									

Casing Points				
Measured Depth	Vertical Depth	Name	Casing Diameter	Hole Diameter
(usft)	(usft)		(in)	(in)
2,883.30	2,716.00	9 5/8"	9.625	13.500

Formations						
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction	
(usft)	(usft)			(°)	(°)	
2,667.41	2,516.00	Top of "G" Sand				
2,775.35	2,616.00	Base of "G" Sand				
5,139.35	4,806.00	Mesaverde				
6,715.85	6,346.00	Approx. Top Gas				
7,985.85	7,616.00	Cameo Coals				
8,715.85	8,346.00	Rollins SS				
8,815.85	8,446.00	TD				

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(usft)	(usft)	+N/-S	+E/-W	
(usft)	(usft)	(usft)	(usft)	
120.00	120.00	0.00	0.00	Start Build 3.00
857.34	839.16	131.95	48.48	Hold 22.12 Inclination
5,141.17	4,807.69	1,646.05	604.81	Start Drop -1.50
6,615.85	6,246.00	1,909.95	701.78	Vertical
6,715.85	6,346.00	1,909.95	701.78	Top Gas
8,815.85	8,446.00	1,909.95	701.78	TD at 8815.85



## **PICEANCE VLY NAD 83**

PA 27-06S-095W  
DOE 1-W-27 Pad  
PA 21-27 - Slot A13

Wellbore #1

Plan: Design #2 10Jan13 kjs

## **Standard Planning Report - Geographic**

31 January, 2013