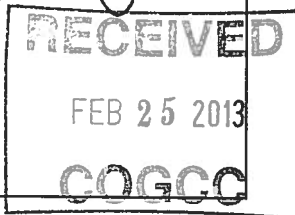




1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 867-2100

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 05-045-21861-00	OGCC Facility ID Number
6. Well/Facility Name: Federal	7. Well/Facility Number PA 321-27
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	

Survey Plat		
Directional Survey	X	2165582
Surface Eqpm Diagram		
Technical Info Page	X	X
Other		

Complete the Attachment Checklist

OP OGCC

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

☐ CHANGE OF OPERATOR (prior to drilling):

Effective Date: _____

Plugging Bond: ☐ Blanket ☐ Individual

☐ CHANGE WELL NAME

☐ 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

☐ SPUD DATE: _____

☐ REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)

☐ SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK

☐ 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.)

<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

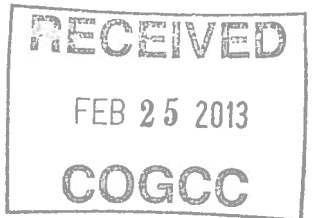
COGCC Approved: [Signature] Title NWAE Date: 4/5/13

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY



1. OGCC Operator Number: 96850 API Number: 05-045-21861-00
2. Name of Operator: WPX Energy Rocky Mountain LLC OGCC Facility ID #
3. Well/Facility Name: Federal Well/Facility Number: PA 321-27
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 2830'MD, 2706'TVD, cemented with 719 sx cmt

WPXENERGY



02165582

+N/-S
0.00

+E/-W
0.00

Northing
1615435.90

Easting
2297660.90

Latitude
39.49673

Longitude
-107.98913

Site
A11

KELLY BUSHING @ 5866.00usft (Nabors 577 (26' KB))

Well Name: PA 321-27

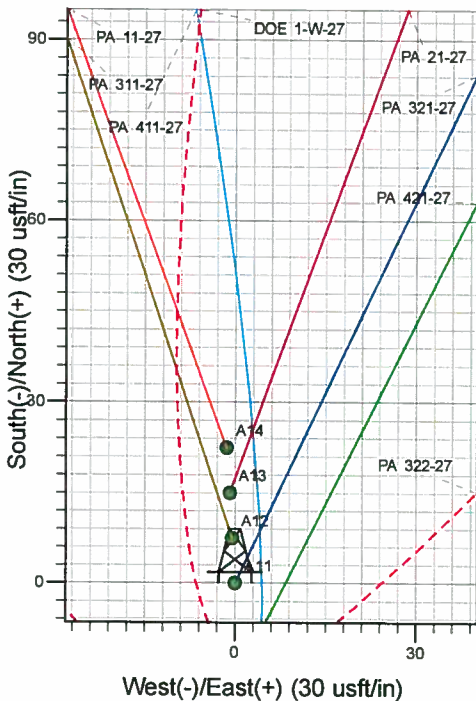
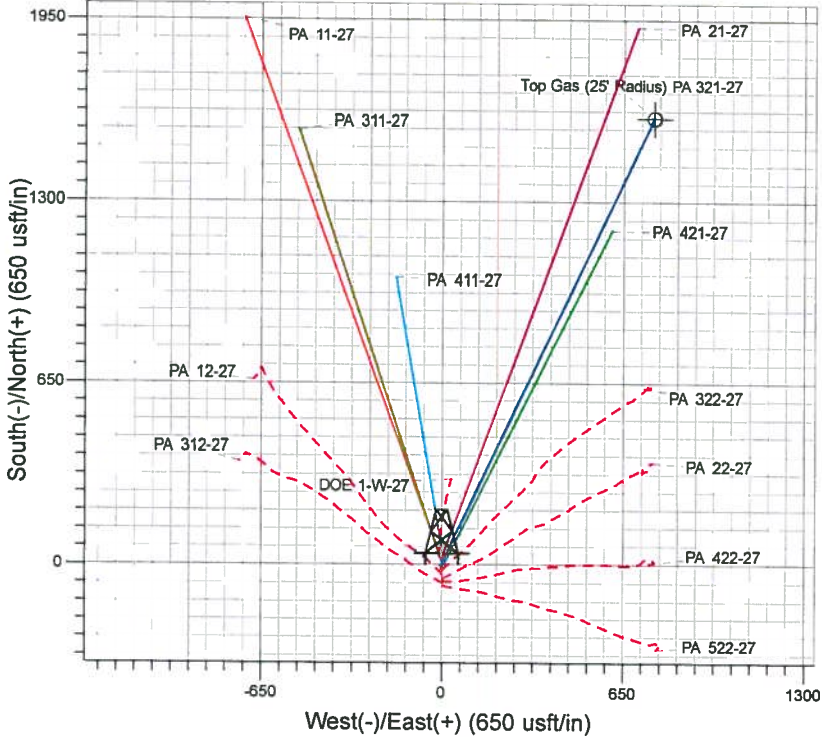
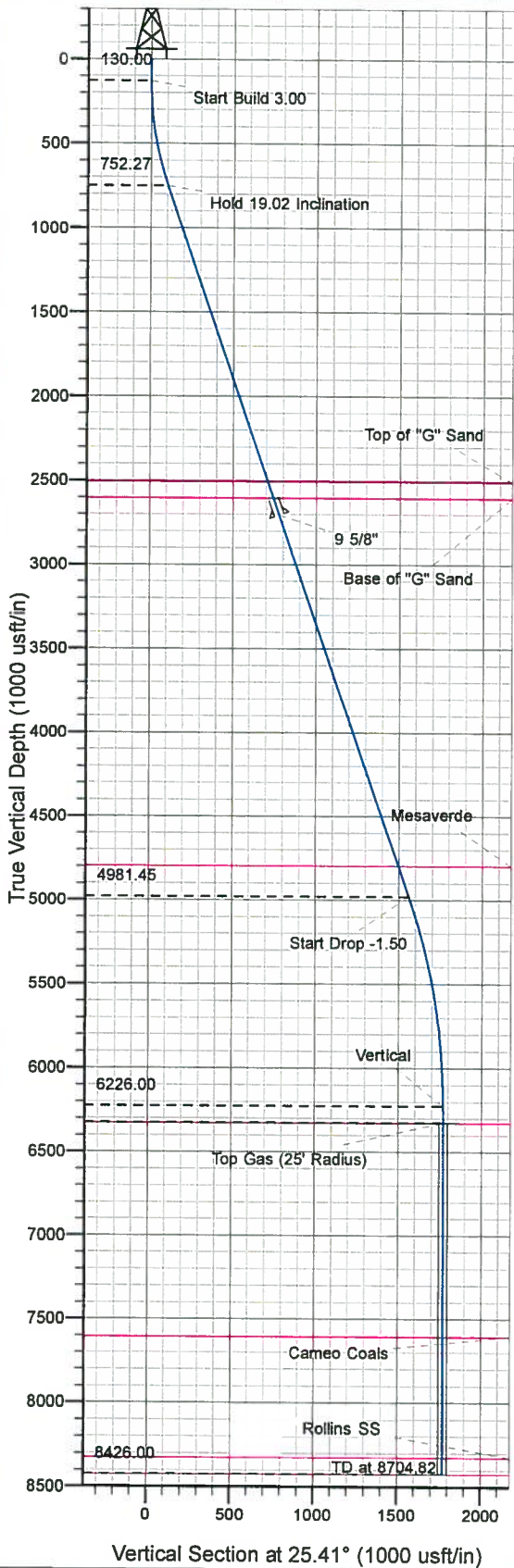
Surface Location: DOE 1-W-27 Pad

North American Datum 1983 , US State Plane 1983, Colorado Central Zone

Ground Elevation: 5840.00

FEB 25 2013

COGCO



Project: PA 27-06S-095W
Site: DOE 1-W-27 Pad
Well: PA 321-27
Design #2 10Jan13 kjs



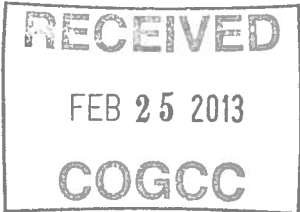
Azimuths to True North
Magnetic North: 11.45°
Magnetic Field
Strength: 53050.5nT
Dip Angle: 65.99°
Date: 12/31/2004
Model: IGRF2000

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
130.00	0.00	0.00	130.00	0.00	0.00	0.00	0.00	Start Build 3.00
763.85	19.02	25.41	752.27	94.14	44.72	104.22	104.22	Hold 19.02 Inclination
5237.13	19.02	25.41	4981.45	1410.63	670.13	1561.71	1561.71	Start Drop -1.50
6504.82	0.00	0.00	6226.00	1598.90	759.57	1770.15	1770.15	Vertical
6604.82	0.00	0.00	6326.00	1598.90	759.57	1770.15	1770.15	Top Gas
8704.82	0.00	0.00	8426.00	1598.90	759.57	1770.15	1770.15	TD at 8704.82

GEOLOGIC & DRILLING PROGNOSIS

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



WELL NAME: PA 321-27
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: 2098' FNL 1306' FWL Sec. 27 T 6 S R 95 W
BOTTOM HOLE FOOTAGE: 499' FNL 2050' FWL Sec. 27 T 6 S R 95 W
SURFACE HOLE XY: 2297660.9 1615435.9
BOTTOM HOLE XY: 2298463.954 1617013.3
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	2506	2619	
	Base of "G" Sand	2606	2725	
	Mesaverde	4796	5041	
	Approx. Top Gas	6326	6605	(Water zones may be encountered within the upper portion of the Mesaverde)
	Cameo Coals	7606	7885	
	Rollins SS	8326	8605	
	TD	8426	8705	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 8630 ft (md)

MUD LOGGING (md): 2830 to TD. (One man or computer unit with at least total gas and drill rate.)

LOGGING PROGRAM: TRAINING WELL - Open-Hole and Cased-Hole Logs
Type of Log: Open-hole Triple-Combo (DIL-GR-SP-Neutron Density)
Interval (md): GR from TD to surface, DIL-SP from TD to surface casing, Neutron Density from TD to surface casing

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 1he Mesaverde top (md)

Strap drill pipe by latest trip prior to TD

CSG & CEMENT PROGRAM: SHOE TEST REQUIRED

	csg size (in)	depth set at (tvd)	depth set at (md)	hole size (in)	Approximate Cmt (ft3) Tail	Tail Yield ft ³ /Sx	Approx. Sx Tail	Approximate Cmt (ft3) Lead	Lead Yield ft ³ /Sx	Approx. SxLead	WOC (hrs)
Conductor:											
Surface:	9 5/8"	2706	2830.34	13 1/2"	352	2.11	167	1308	2.37	552	8
Intermediate:											
Liner or Production:	4 1/2"	8426	8705	8 3/4"	811	1.33	610	528	1.81	292	
					Surface (sacks): 719		Prod (Sacks):	902			

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	5,477		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	2830	Spud	9.0-9.5	45-50	
2830	8705	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

RECEIVED
FEB 25 2013
COGCC

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well PA 321-27 - Slot A11
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 321-27	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 321-27 - Slot A11					
Well Position	+N/-S	0.00 usft	Northing:	1,615,435.90 usft	Latitude:	39.49673
	+E/-W	0.00 usft	Easting:	2,297,660.90 usft	Longitude:	-107.98913
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	25.41

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	
130.00	0.00	0.00	130.00	0.00	0.00	0.00	0.00	0.00	0.00	
763.85	19.02	25.41	752.27	94.14	44.72	3.00	3.00	0.00	25.41	
5,237.13	19.02	25.41	4,981.45	1,410.63	670.13	0.00	0.00	0.00	0.00	
6,504.82	0.00	0.00	6,226.00	1,598.90	759.57	1.50	-1.50	0.00	180.00	
6,604.82	0.00	0.00	6,326.00	1,598.90	759.57	0.00	0.00	0.00	0.00	Top Gas (25' Radius)
8,704.82	0.00	0.00	8,426.00	1,598.90	759.57	0.00	0.00	0.00	0.00	



WPX Energy
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well PA 321-27 - Slot A11
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 321-27	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	1,615,435.90	2,297,660.90	39.49673	-107.98913
130.00	0.00	0.00	130.00	0.00	0.00	1,615,435.90	2,297,660.90	39.49673	-107.98913
Start Build 3.00									
500.00	11.10	25.41	497.69	32.27	15.33	1,615,467.73	2,297,677.11	39.49682	-107.98908
763.85	19.02	25.41	752.27	94.14	44.72	1,615,528.77	2,297,708.18	39.49699	-107.98898
Hold 19.02 Inclination									
1,000.00	19.02	25.41	975.54	163.64	77.74	1,615,597.34	2,297,743.09	39.49718	-107.98886
1,500.00	19.02	25.41	1,448.26	310.79	147.64	1,615,742.51	2,297,817.00	39.49759	-107.98861
2,000.00	19.02	25.41	1,920.97	457.94	217.55	1,615,887.68	2,297,890.90	39.49799	-107.98836
2,500.00	19.02	25.41	2,393.69	605.09	287.45	1,616,032.86	2,297,964.81	39.49839	-107.98812
2,618.79	19.02	25.41	2,506.00	640.05	304.06	1,616,067.35	2,297,982.37	39.49849	-107.98806
Top of "G" Sand									
2,724.57	19.02	25.41	2,606.00	671.18	318.85	1,616,098.06	2,297,998.00	39.49858	-107.98801
Base of "G" Sand									
2,830.34	19.02	25.41	2,706.00	702.31	333.64	1,616,128.77	2,298,013.64	39.49866	-107.98795
9 5/8"									
3,000.00	19.02	25.41	2,866.40	752.24	357.36	1,616,178.03	2,298,038.72	39.49880	-107.98787
3,500.00	19.02	25.41	3,339.12	899.39	427.26	1,616,323.21	2,298,112.62	39.49920	-107.98762
4,000.00	19.02	25.41	3,811.83	1,046.54	497.17	1,616,468.38	2,298,186.53	39.49961	-107.98737
4,500.00	19.02	25.41	4,284.55	1,193.69	567.07	1,616,613.56	2,298,260.44	39.50001	-107.98713
5,000.00	19.02	25.41	4,757.27	1,340.84	636.98	1,616,758.73	2,298,334.34	39.50041	-107.98688
5,040.97	19.02	25.41	4,796.00	1,352.90	642.70	1,616,770.63	2,298,340.40	39.50045	-107.98686
Mesaverde									
5,237.13	19.02	25.41	4,981.45	1,410.63	670.13	1,616,827.58	2,298,369.39	39.50061	-107.98676
Start Drop -1.50									
5,500.00	15.07	25.41	5,232.73	1,480.21	703.18	1,616,896.23	2,298,404.34	39.50080	-107.98664
6,000.00	7.57	25.41	5,722.65	1,568.81	745.27	1,616,983.64	2,298,448.84	39.50104	-107.98649
6,500.00	0.07	25.41	6,221.18	1,598.90	759.57	1,617,013.32	2,298,463.95	39.50112	-107.98644
6,504.82	0.00	0.00	6,226.00	1,598.90	759.57	1,617,013.32	2,298,463.96	39.50112	-107.98644
Vertical									
6,604.82	0.00	0.00	6,326.00	1,598.90	759.57	1,617,013.32	2,298,463.96	39.50112	-107.98644
Top Gas - Approx. Top Gas									
7,000.00	0.00	0.00	6,721.18	1,598.90	759.57	1,617,013.32	2,298,463.96	39.50112	-107.98644
7,500.00	0.00	0.00	7,221.18	1,598.90	759.57	1,617,013.32	2,298,463.96	39.50112	-107.98644
7,884.82	0.00	0.00	7,606.00	1,598.90	759.57	1,617,013.32	2,298,463.96	39.50112	-107.98644
Cameo Coals									
8,000.00	0.00	0.00	7,721.18	1,598.90	759.57	1,617,013.32	2,298,463.96	39.50112	-107.98644
8,500.00	0.00	0.00	8,221.18	1,598.90	759.57	1,617,013.32	2,298,463.96	39.50112	-107.98644
8,604.82	0.00	0.00	8,326.00	1,598.90	759.57	1,617,013.32	2,298,463.96	39.50112	-107.98644
Rollins SS									
8,704.82	0.00	0.00	8,426.00	1,598.90	759.57	1,617,013.32	2,298,463.96	39.50112	-107.98644
TD at 8704.82 - TD									



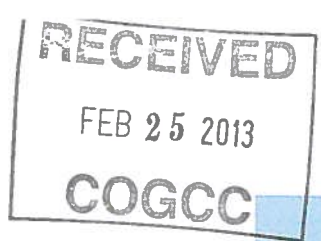
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Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5866.00usft (Nabors 577 (26' KB))
Project:	PA 27-06S-095W	MD Reference:	KELLY BUSHING @ 5866.00usft (Nabors 577 (26' KB))
Site:	DOE 1-W-27 Pad	North Reference:	True
Well:	PA 321-27	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	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	6,326.00	1,598.90	759.57	1,617,013.32	2,298,463.96	39.50112	-107.98644
- plan hits target center									
- Circle (radius 25.00)									

Casing Points				
Measured Depth	Vertical Depth	Name	Casing Diameter	Hole Diameter
(usft)	(usft)		(in)	(in)
2,830.34	2,706.00	9 5/8"	9.625	13.500

Formations					
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction
(usft)	(usft)			(°)	(°)
2,618.79	2,506.00	Top of "G" Sand			
2,724.57	2,606.00	Base of "G" Sand			
5,040.97	4,796.00	Mesaverde			
6,604.82	6,326.00	Approx. Top Gas			
7,884.82	7,606.00	Cameo Coals			
8,604.82	8,326.00	Rollins SS			
8,704.82	8,426.00	TD			

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(usft)	(usft)	+N-S	+E-W	
(usft)	(usft)	(usft)	(usft)	
130.00	130.00	0.00	0.00	Start Build 3.00
763.85	752.27	94.14	44.72	Hold 19.02 Inclination
5,237.13	4,981.45	1,410.63	670.13	Start Drop -1.50
6,504.82	6,226.00	1,598.90	759.57	Vertical
6,604.82	6,326.00	1,598.90	759.57	Top Gas
8,704.82	8,426.00	1,598.90	759.57	TD at 8704.82



PICEANCE VLY NAD 83

PA 27-06S-095W

DOE 1-W-27 Pad

PA 321-27 - Slot A11

Wellbore #1

Plan: Design #2 10Jan13 kjs

Standard Planning Report - Geographic

31 January, 2013