

State of Color
Oil and Gas Conservation

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 F

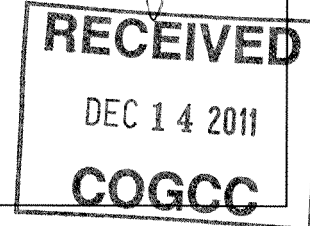


02541344



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.)

Complete the Attachment
Checklist

OP OGCC

1. OGCC Operator Number: 96850*	4. Contact Name: Howard Harris	Survey Plat	X	X
2. Name of Operator: Williams Production RMT Company LLC	Phone: 303-606-4086	Directional Survey	X	X
3. Address: 1001 17th St., Suite 1200	Fax: 303-629-8268	Surface Eqpm Diagram		
City: Denver State: CO Zip: 80202		Technical Info Page	X	X
5. API Number 05-045-19518-00	OGCC Facility ID Number	Other		
6. Well/Facility Name: Federal*	7. Well/Facility Number: PA 414-29*			
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SESW (Lot 12) Sec 29 T6S-R95W 6 PM				
9. County: Garfield*	10. Field Name: Parachute*			
11. Federal, Indian or State Lease Number: COC62162*				

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"/>	FNL/FSL	<input type="checkbox"/>	FEL/FWL	<input type="checkbox"/>
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	722*	FSL*	921*	FWL*	
Change of Bottomhole Footage to Exterior Section Lines:	688*	FSL*	1032*	FWL*	attach directional survey

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer LOT 11 SEC 28 T6S R95W 6 PM

Latitude 39.482882 Distance to nearest property line _____ Distance to nearest bldg, public rd, utility or RR _____

Longitude -108.023112 Distance to nearest lease line _____ Is location in a High Density Area (rule 603b)? Yes/No NO

Ground Elevation 5675 Distance to nearest well same formation 335 Surface owner consultation date: _____

GPS DATA:

Date of Measurement 11/18/11 PDOP Reading 2.37 Instrument Operator's Name J. Kirkpatrick

<input type="checkbox"/> CHANGE SPACING UNIT	<input type="checkbox"/> Remove from surface bond
Formation _____ Formation Code _____ Spacing order number _____ Unit Acreage _____ Unit configuration _____	Signed surface use agreement attached _____

<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):	<input type="checkbox"/> CHANGE WELL NAME NUMBER
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)
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<input type="checkbox"/> 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 _____	

<input type="checkbox"/> RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.	
Final reclamation will commence on approximately _____	<input type="checkbox"/> 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: <u>1/1/12</u>	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 checked="" 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 type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: <u>Change BHL</u>	for Spills and Releases

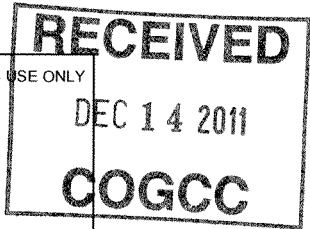
I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: Howard Harris Date: 12/8/11 Email: Howard.Harris@Williams.com
Print Name: Howard Harris Title: Sr. Regulatory SpecialistCOGCC Approved: [Signature] Title: NWA Engineer Date: 1/23/12
CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY



1. OGCC Operator Number:	96850	API Number:	05-045-19518-00
2. Name of Operator:	Williams Production RMT Company LLC OGCC Facility ID #		
3. Well/Facility Name:	Federal	Well/Facility Number:	PA 414-29
4. Location (QtrQtr, Sec, Twp, Rng, Meridian):	SESW (Lot 12)Sec 29 T6S-R95W		

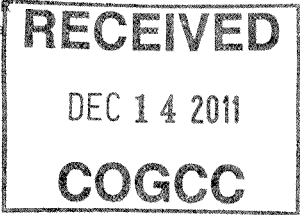
This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

DESCRIBE PROPOSED OR COMPLETED OPERATIONS

Due to an FMI log being ran on a prior well drilled on this pad, the surface hole location and bottomhole location will need to be moved within accordance to that shown on the front page. The surface casing depth will be changed to 2224', Cmt w/569 SX. TMD will change to 7567'. 4 1/2" production casing will be set at 7567' with 642 sx cmt.
See attached directional plan, prog and location plat

GEOLOGIC & DRILLING PROGNOSIS

Prepared: 26-Mar-10 KS
Updated BHL footages & csg pt: 4-Oct-11 sda



WELL NAME: PA 414-29
Directional from the DOE 3-W-29 pad

STATE: Colorado
COUNTY: Garfield
LOCATION: Sec. 29 T 6 S R 95 W; 10 ACRE FED
TYPE OF UNIT: Unspaced Section
SURFACE HOLE: 593' FSL, 2252' FWL
BOTTOM HOLE: 688' FSL, 1032' FWL
FEDERAL EA: Within scope of 2002 WW GAP EA
WASATCH CEMENT: Yes

ELEVATION (ft): PAD: 5676
GROUND: 5675
KELLY BUSHING: 5702

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

ESTIMATE TOPS:

Formation	TVD	MD	Comments
Wasatch	Surface	Surface	
Top of "G" Sand	1962	2016	
Base of "G" Sand	2062	2121	
Mesaverde	3977	4116	
Approx. Top Gas	5252	5417	(Water zones may be encountered within the upper portion of the Mesaverde)
Cameo Coals	6717	6882	
Rollins SS	7252	7417	
TD	7402	7567	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 7442 ft (md)

MUD LOGGING (md): 3916 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 (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"	2162	2224.7	13 1/2"	352	2.11	167	953	2.37	402	8
Intermediate:											
Liner or Production:	4 1/2"	7402	7567	7 7/8"	614	1.33	462	326	1.81	180	
					Surface (sacks): 569		Prod (Sacks): 642				

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)
2,150	7,000	4,811	

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	CHEMICALS
0	2225	Spud	9.0-9.5	45-50		
2225	7567.3	LSND	9.0-12.5	40-50	8-10	Visease & 507

(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)

Williams Geologists:	Office	Cell	Home
Susan Anderson (PA/SP wells)	303-606-4069	303-385-7529	303-751-6019
Kim Roberts (PA/SP Wells)	303-629-8438	303-646-7411	303-979-2709
Marsha Satorius-Fox (RWF wells)	303-629-8421	303-507-9828	
Ryan Kowalski (GM/SG Wells)	303-606-4051	303-319-4329	303-888-2113
Trevor Gates (KP Wells)	303-629-8431	720-254-4913	
Scott Meade		970-260-8131	

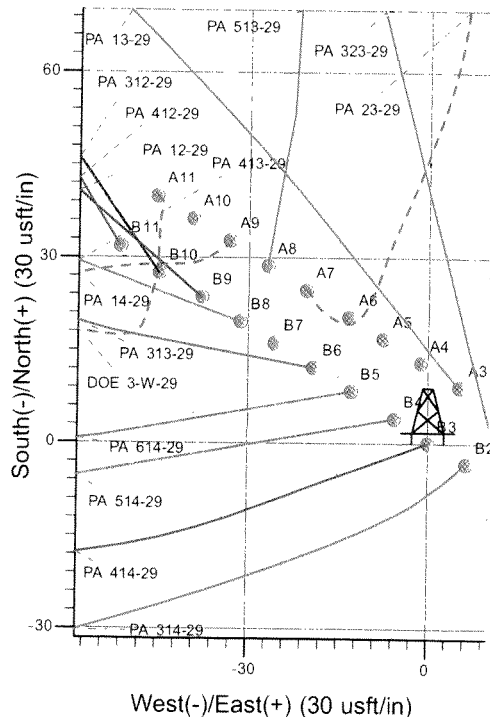
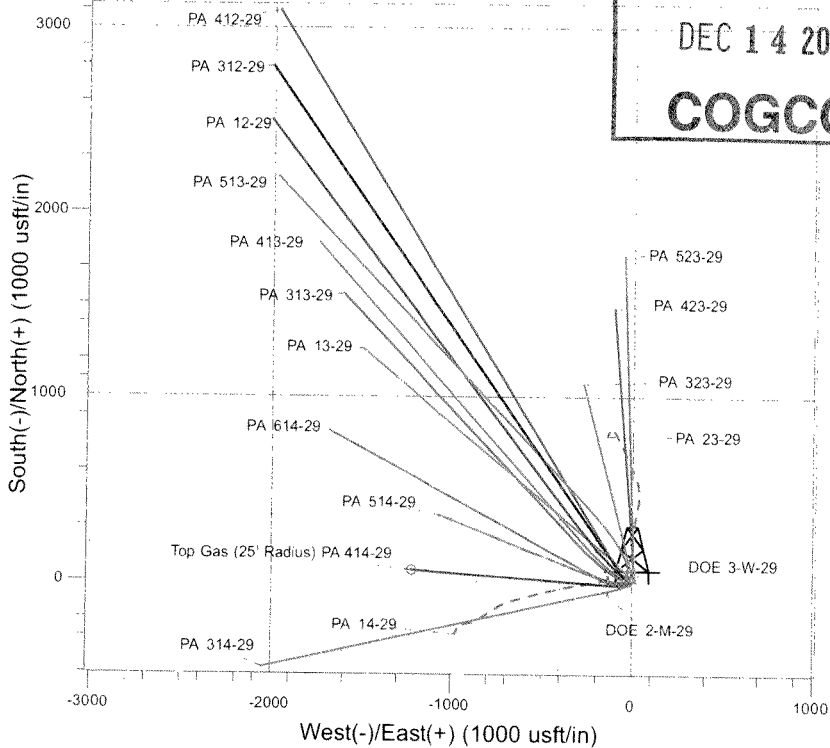
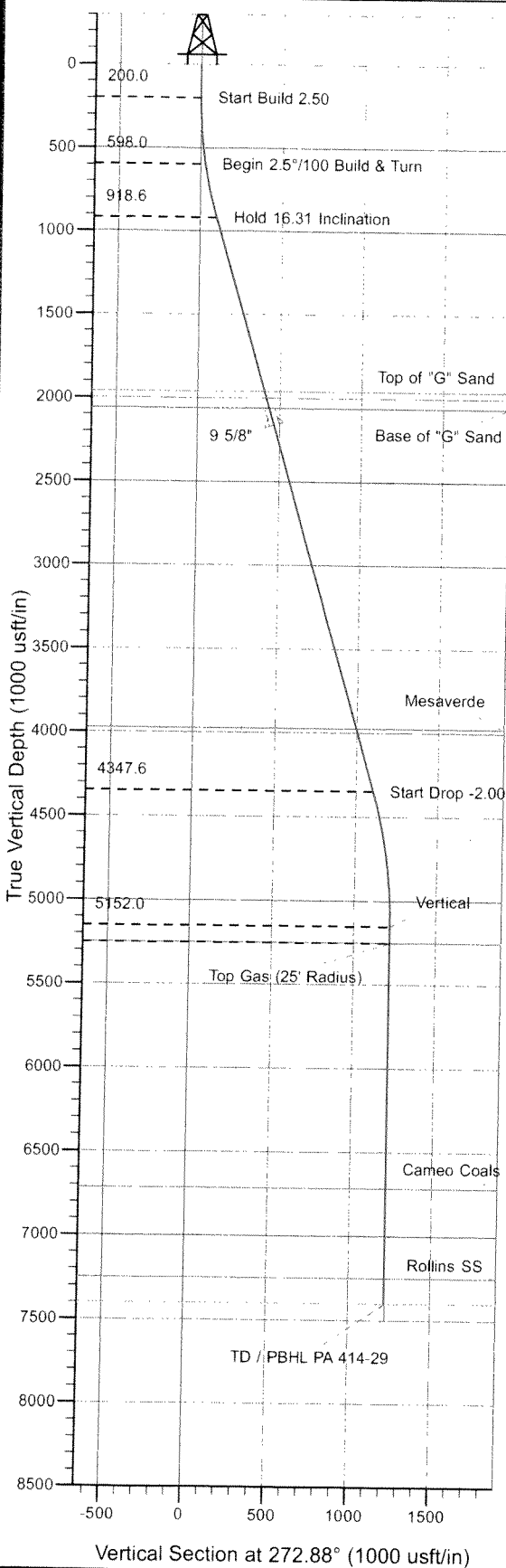
COGCC





Well Name: PA 414-29
Surface Location: DOE 3-W-29 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 5676.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1613205.87 2288006.30 39° 29' 23.571 N 108° 1' 23.702 W B3
WELL @ 5702.0usft (Nabors 577 (26') kjs)

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Project: PA 29-06S-095W
Site: DOE 3-W-29 Pad
Well: PA 414-29
Plan #2 31Aug11 kjs

Azimuths to True North
Magnetic North: 10.67°
Magnetic Field
Strength: 52485.7snT
Dip Angle: 65.79°
Date: 2/3/2009
Model: IGRF2010

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSec	Departure	Annotation
200.0	200.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 2.50
598.0	600.0	10.00	250.00	-11.9	-32.7	32.1	34.8	Begin 2.5°/100 Build & Turn
918.6	929.2	16.31	274.09	-18.4	-105.8	104.7	108.8	Hold 16.31 Inclination
4347.6	4502.0	16.31	274.09	53.2	-1106.4	1107.7	1111.9	Start Drop -2.00
5152.0	5317.3	0.00	0.00	61.4	-1221.3	1222.9	1227.2	Vertical
5252.0	5417.3	0.00	0.00	61.4	-1221.3	1222.9	1227.2	Top Gas
7402.0	7567.3	0.00	0.00	61.4	-1221.3	1222.9	1227.2	TD at 7567.3

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PICEANCE VLY NAD 83

PA 29-06S-095W

DOE 3-W-29 Pad

PA 414-29 - Slot B3

Wellbore #1

Plan: Plan #2 31Aug11 kjs

Standard Planning Report - Geographic

03 October, 2011

Williams
Planning Report - Geographic

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COGCC

Database: COMPASS-PICEANCE
Company: PICEANCE VLY NAD 83
Project: PA 29-06S-095W
Site: DOE 3-W-29 Pad
Well: PA 414-29
Wellbore: Wellbore #1
Design: Plan #2 31Aug11 kjs

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well PA 414-29 - Slot B3
WELL @ 5702.0usft (Nabors 577 (26') kjs)
WELL @ 5702.0usft (Nabors 577 (26') kjs)
True
Minimum Curvature

Project PA 29-06S-095W, Garfield County, CO

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: Colorado Central Zone
System Datum: Mean Sea Level
Using geodetic scale factor

Site DOE 3-W-29 Pad

Site Position: Northing: 1,613,247.00 usft Latitude: 39° 29' 23.965 N
From: Map Easting: 2,287,962.20 usft Longitude: 108° 1' 23.779 W
Position Uncertainty: 0.0 usft Slot Radius: 13.200 in Grid Convergence: -1.591 °

Well PA 414-29 - Slot B3

Well Position +N/-S 0.0 usft Northing: 1,613,205.86 usft Latitude: 39° 29' 23.571 N
+E/-W 0.0 usft Easting: 2,288,006.30 usft Longitude: 108° 1' 23.202 W
Position Uncertainty 0.0 usft Wellhead Elevation: Ground Level: 5,676.0 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2/3/2009	10.666	65.794	52,486

Design Plan #2 31Aug11 kjs

Audit Notes:

Version: Phase: PLAN Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	272.88

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
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.000	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.000	
600.0	10.00	250.00	598.0	-11.9	-32.7	2.50	2.50	0.00	250.000	
929.2	16.31	274.09	918.6	-18.4	-105.8	2.50	1.92	7.32	53.197	
4,502.0	16.31	274.09	4,347.6	53.2	-1,106.4	0.00	0.00	0.00	0.000	
5,317.3	0.00	0.00	5,152.0	61.4	-1,221.3	2.00	-2.00	0.00	180.000	
7,567.3	0.00	0.00	7,402.0	61.4	-1,221.3	0.00	0.00	0.00	0.000	TD / PBHL PA 414-29

Williams
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well PA 414-29 - Slot B3
Company:	PICEANCE VLY NAD 83	TVD Reference:	WELL @ 5702.0usft (Nabors 577 (26') kjs)
Project:	PA 29-06S-095W	MD Reference:	WELL @ 5702.0usft (Nabors 577 (26') kjs)
Site:	DOE 3-W-29 Pad	North Reference:	True
Well:	PA 414-29	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 31Aug11 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
0.0	0.00	0.00	0.0	0.0	0.0	1,613,205.86	2,288,006.30	39° 29' 23.571 N	108° 1' 23.202 W
200.0	0.00	0.00	200.0	0.0	0.0	1,613,205.86	2,288,006.30	39° 29' 23.571 N	108° 1' 23.202 W
Start Build 2.50									
600.0	10.00	250.00	598.0	-11.9	-32.7	1,613,194.87	2,287,973.27	39° 29' 23.453 N	108° 1' 23.620 W
Begin 2.5°/100 Build & Turn									
929.2	16.31	274.09	918.6	-18.4	-105.8	1,613,190.41	2,287,900.03	39° 29' 23.389 N	108° 1' 24.552 W
Hold 16.31 Inclination									
2,016.3	16.31	274.09	1,962.0	3.4	-410.3	1,613,220.65	2,287,596.31	39° 29' 23.604 N	108° 1' 28.435 W
Top of "G" Sand									
2,120.5	16.31	274.09	2,062.0	5.5	-439.4	1,613,223.55	2,287,567.20	39° 29' 23.625 N	108° 1' 28.808 W
Base of "G" Sand									
2,224.7	16.31	274.09	2,162.0	7.6	-468.6	1,613,226.44	2,287,538.09	39° 29' 23.646 N	108° 1' 29.180 W
9 5/8"									
4,115.8	16.31	274.09	3,977.0	45.5	-998.2	1,613,279.04	2,287,009.76	39° 29' 24.020 N	108° 1' 35.935 W
Mesaverde									
4,502.0	16.31	274.09	4,347.6	53.2	-1,106.4	1,613,289.78	2,286,901.87	39° 29' 24.097 N	108° 1' 37.315 W
Start Drop -2.00									
5,317.3	0.00	0.00	5,152.0	61.4	-1,221.3	1,613,301.20	2,286,787.20	39° 29' 24.178 N	108° 1' 38.781 W
Vertical									
5,417.3	0.00	0.00	5,252.0	61.4	-1,221.3	1,613,301.20	2,286,787.20	39° 29' 24.178 N	108° 1' 38.781 W
Top Gas - Approx. Top Gas - Top Gas (25' Radius) PA 414-29 - Top Gas (25' Radius) PA 414-29									
6,882.3	0.00	0.00	6,717.0	61.4	-1,221.3	1,613,301.20	2,286,787.20	39° 29' 24.178 N	108° 1' 38.781 W
Cameo Coals									
7,417.3	0.00	0.00	7,252.0	61.4	-1,221.3	1,613,301.20	2,286,787.20	39° 29' 24.178 N	108° 1' 38.781 W
Rollins SS									
7,567.3	0.00	0.00	7,402.0	61.4	-1,221.3	1,613,301.20	2,286,787.20	39° 29' 24.178 N	108° 1' 38.781 W
TD at 7567.3 - TD - TD / PBHL PA 414-29									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
Top Gas (25' Radius) P/	0.00	0.00	5,252.0	61.4	-1,221.3	1,613,301.20	2,286,787.20	39° 29' 24.178 N	108° 1' 38.781 W
- plan hits target center									
- Circle (radius 25.0)									
TD / PBHL PA 414-29	0.00	0.00	7,402.0	61.4	-1,221.3	1,613,301.20	2,286,787.20	39° 29' 24.178 N	108° 1' 38.781 W
- plan hits target center									
- Point									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diameter (in)	
2 224.7	2,162.0	9 5/8"	9.625	12.250	

Williams
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well PA 414-29 - Slot B3
Company:	PICEANCE VLY NAD 83	TVD Reference:	WELL @ 5702.0usft (Nabors 577 (26') kjs)
Project:	PA 29-06S-095W	MD Reference:	WELL @ 5702.0usft (Nabors 577 (26') kjs)
Site:	DOE 3-W-29 Pad	North Reference:	True
Well:	PA 414-29	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 31Aug11 kjs		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,016.3	1,962.0	Top of "G" Sand				
2,120.5	2,062.0	Base of "G" Sand				
4,115.8	3,977.0	Mesaverde				
5,417.3	5,252.0	Approx. Top Gas				
6,882.3	6,717.0	Cameo Coals				
7,417.3	7,252.0	Rollins SS				
7,567.3	7,402.0	TD				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
200.0	200.0	0.0	0.0	Start Build 2.50	
600.0	598.0	-11.9	-32.7	Begin 2.5°/100 Build & Turn	
929.2	918.6	-18.4	-105.8	Hold 16.31 Inclination	
4,502.0	4,347.6	53.2	-1,106.4	Start Drop -2.00	
5,317.3	5,152.0	61.4	-1,221.3	Vertical	
5,417.3	5,252.0	61.4	-1,221.3	Top Gas	
7,567.3	7,402.0	61.4	-1,221.3	TD at 7567.3	