

Submit 1 Copy To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
October 13, 2009

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-015-36998
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	PLU Pierce Canyon 5 State
8. Well Number	1H
9. OGRID Number	147179
10. Pool name or Wildcat	Pierce Crossing; Bone Spring, East
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	3243' GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Chesapeake Operating, Inc.

3. Address of Operator
P.O. Box 18496
Oklahoma City, OK 73154

4. Well Location
Unit Letter P : 350' feet from the South line and 350' feet from the East line
Section 5 Township 25S Range 30E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3243' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Change Cementing Program ☒

OTHER ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Following our earlier meeting with OCD (from Randy Dade OCD, NM) on the proposed changes to the cement program. We agreed as follows:

- 1) ☐ Top of 9-5/8" casing cement inside 13-3/8" casing at +/-600'.
- 2) ☐ Production casing TOC at +/-6,000' (or above shallowest oil/gas formation).
- 3) ☐ Submit a permit approval in line with the above.

In addition, please find the proposed drilling program and standard planning report for the lateral section of the well bore.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE Bryan Arrant TITLE Senior Regulatory Compl. Sp. DATE 12/29/2009

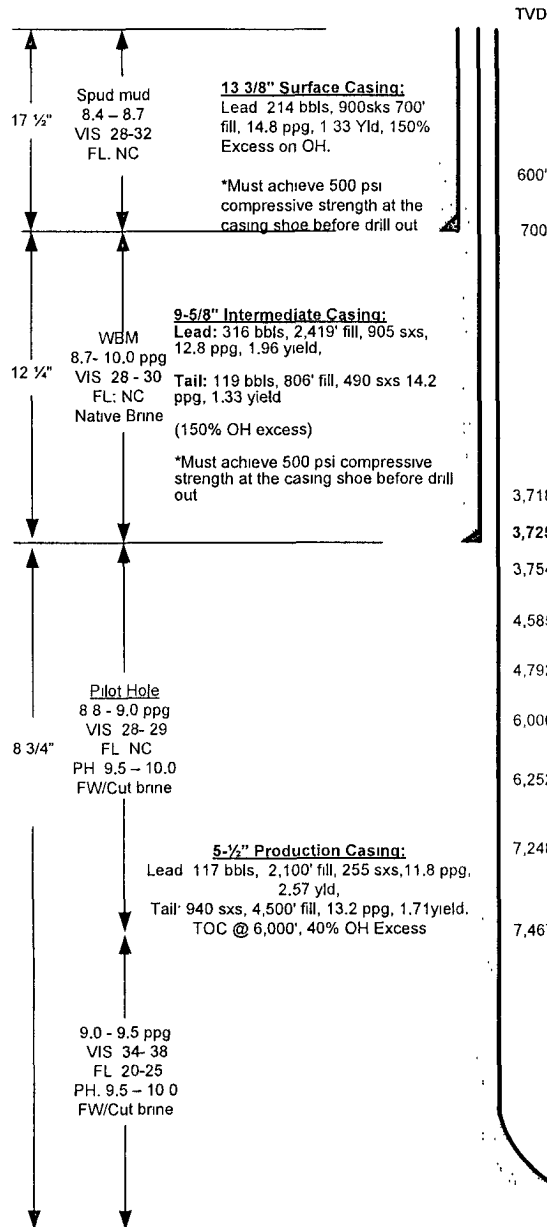
Type or print name Bryan Arrant E-mail address: bryan.arrant@chk.com PHONE: (405)935-3782

For State Use Only

APPROVED BY: Randy Dade TITLE Dist II Supervisor DATE 01/05/2010

Conditions of Approval (if any):

Well : PLU Pierce Canyon 5 State 1H
Field : Delaware Basin North
County : Eddy State : NM
Surf Locat : Section 5 -24S -30E, 350' FSL & 350' FEL
BH Locat : Section 5 -24S -30E, 350' FNL & 350' FEL
KB Elev : 3,265' (Latshaw 6) Grd Elev : 3,243'

**Wellhead Equipment**

Tree Connection	
Backpressure Valve	
Tubing Spool	11 5M x 7 1/16" 5K
Casing Spool	13 5/8" 5M x 11" 5M
Bradenhead	13-3/8" SOW x 13 5/8" 5M

Logging Program

Company	Log Type	Interval
XX	Tripple-Combo	50 deg inc - Inter csg shoe
XX	GR/Neutron	50 deg inc to surface
Black Viper	MWD-GR on BHA	Curve and lateral
Mud logging personnel at intermediate casing shoe to TD		

Tubular Detail

	Size	Wt	Grd	Conn.	From	To
Surface	13 3/8"	48#	H-40	STC	0'	700'
Inter	9 5/8"	40#	J-55	LTC	0'	3,721'
Prod	5 1/2"	20.0#	L-80	LTC	0'	Lateral TD

Lateral Directional Plan

	MD	INC	AZM	TVD	BUR	DLS
KOP	7,465'	0	0	7,465'	0	0
EOB	8,220'	90.5	359.64	7,943'	12.0	12.0
TD	12,357'	90.5	359.64	7,907'	0	0

Vendors

Rig	Latshaw 6
Directional	Black Viper
Mud	Alliance
Cement	Schlumberger
Wellhead	Sunbelt
Wireline Logging	XXX
Mud Logging	Suttles

**Mud logging at intermediate casing shoe

Target Line: 7,947' TVD at 0' VS, with 0.5 deg up-dip. Azi. 359.64 deg.
 Target Window 20' above and below target line

LATERAL SECTION

KOP at 7,465' MD/7,465' TVD.
 Build angle at 12.0°/100' along 359.64° azimuth to 90.5° deg. inc at 8,220' MD/7,943' TVD.
 Take wireline log
 Drill lateral section to TD at 12,357' MD, 7,907' TVD, 4,619' VS.

8-3/4" lateral Hole

Directional Planning: KOP at 7,465' MD/7,465' TVD, build angle at 12.0°/100' along 359.64° azimuth to 90.5° inc at 8,220' MD/7,943' TVD. Drill lateral section to TD at 12,357' MD, 7,907' TVD, 4,619' VS.

HARDLINES: Must stay 330' FSL, 330' FNL and 330' FEL of sections 5.

Drawn by.	Date	AFE No	Property No.	Drilling Engineer	Drilling Superintendent	Geologist
YA	Rev #1. 12/29/09	149323	625704	Yemi Ajijolaiya	Cecil Luttrull	Robert Martin

Permian District

Poker Lake

PLU Pierce Canyon 5 State 1H

PLU Pierce Canyon 5 State 1H

PLU Pierce Canyon 5 State 1H

Plan: Lateral

Standard Planning Report

29 December, 2009

Chesapeake Operating

Planning Report

Database:	Drilling Database	Local Co-ordinate Reference:	Well PLU Pierce Canyon 5 State 1H
Company:	Permian District	TVD Reference:	WELL @ 0.0ft (Original Well Elev)
Project:	Poker Lake	MD Reference:	WELL @ 0.0ft (Original Well Elev)
Site:	PLU Pierce Canyon 5 State 1H	North Reference:	True
Well:	PLU Pierce Canyon 5 State 1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	PLU Pierce Canyon 5 State 1H		
Design:	Lateral		

Project	Poker Lake, Eddy County, NM		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	PLU Pierce Canyon 5 State 1H			
Site Position:		Northing:	127,923.26 m	Latitude: 32° 9' 11.023 N
From:	Lat/Long	Easting:	206,308.28 m	Longitude: 103° 53' 43.476 W
Position Uncertainty:	0.0 ft	Slot Radius:	0.000 in	Grid Convergence: 0.23 °

Well	PLU Pierce Canyon 5 State 1H			
Well Position	+N/-S	0.0 ft	Northing:	127,923.26 m
	+E/-W	0.0 ft	Easting:	206,308.28 m
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft
			Ground Level:	0.0 ft

Wellbore	PLU Pierce Canyon 5 State 1H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	11/3/2009	7.91	60.12	48,755

Design	Lateral			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	359.64

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
7,465.3	0.00	0.00	7,465.3	0.0	0.0	0.00	0.00	0.00	0.00	
8,219.5	90.50	359.64	7,942.7	481.6	-3.0	12.00	12.00	0.00	359.64	
12,356.7	90.50	359.64	7,906.6	4,618.6	-29.0	0.00	0.00	0.00	0.00	PLU Pierce Canyon 5

Chesapeake Operating

Planning Report

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Project:	Poker Lake	MD Reference:	WELL @ 0.0ft (Original Well Elev)
Site:	PLU Pierce Canyon 5 State 1H	North Reference:	True
Well:	PLU Pierce Canyon 5 State 1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	PLU Pierce Canyon 5 State 1H		
Design:	Lateral		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
13 3/8"									
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,725.0	0.00	0.00	3,725.0	0.0	0.0	0.0	0.00	0.00	0.00
9 5/8"									
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00

Chesapeake Operating

Planning Report

Database:	Drilling Database	Local Co-ordinate Reference:	Well PLU Pierce Canyon 5 State 1H
Company:	Permian District	TVD Reference:	WELL @ 0.0ft (Original Well Elev)
Project:	Poker Lake	MD Reference:	WELL @ 0.0ft (Original Well Elev)
Site:	PLU Pierce Canyon 5 State 1H	North Reference:	True
Well:	PLU Pierce Canyon 5 State 1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	PLU Pierce Canyon 5 State 1H		
Design:	Lateral		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,465.3	0.00	0.00	7,465.3	0.0	0.0	0.0	0.00	0.00	0.00	
7,475.0	1.16	359.64	7,475.0	0.1	0.0	0.1	12.00	12.00	0.00	
7,500.0	4.16	359.64	7,500.0	1.3	0.0	1.3	12.00	12.00	0.00	
7,525.0	7.16	359.64	7,524.8	3.7	0.0	3.7	12.00	12.00	0.00	
7,550.0	10.16	359.64	7,549.6	7.5	0.0	7.5	12.00	12.00	0.00	
7,575.0	13.16	359.64	7,574.0	12.5	-0.1	12.5	12.00	12.00	0.00	
7,600.0	16.16	359.64	7,598.2	18.9	-0.1	18.9	12.00	12.00	0.00	
7,625.0	19.16	359.64	7,622.0	26.5	-0.2	26.5	12.00	12.00	0.00	
7,650.0	22.16	359.64	7,645.4	35.3	-0.2	35.3	12.00	12.00	0.00	
7,675.0	25.16	359.64	7,668.3	45.3	-0.3	45.3	12.00	12.00	0.00	
7,700.0	28.16	359.64	7,690.7	56.5	-0.4	56.5	12.00	12.00	0.00	
7,725.0	31.16	359.64	7,712.4	68.9	-0.4	68.9	12.00	12.00	0.00	
7,750.0	34.16	359.64	7,733.4	82.4	-0.5	82.4	12.00	12.00	0.00	
7,775.0	37.16	359.64	7,753.7	97.0	-0.6	97.0	12.00	12.00	0.00	
7,800.0	40.16	359.64	7,773.3	112.6	-0.7	112.6	12.00	12.00	0.00	
7,825.0	43.16	359.64	7,791.9	129.2	-0.8	129.2	12.00	12.00	0.00	
7,850.0	46.16	359.64	7,809.7	146.8	-0.9	146.8	12.00	12.00	0.00	
7,875.0	49.16	359.64	7,826.5	165.2	-1.0	165.3	12.00	12.00	0.00	
7,900.0	52.16	359.64	7,842.4	184.6	-1.2	184.6	12.00	12.00	0.00	
7,925.0	55.16	359.64	7,857.2	204.7	-1.3	204.7	12.00	12.00	0.00	
7,950.0	58.16	359.64	7,870.9	225.6	-1.4	225.6	12.00	12.00	0.00	
7,975.0	61.16	359.64	7,883.6	247.2	-1.6	247.2	12.00	12.00	0.00	
8,000.0	64.16	359.64	7,895.0	269.4	-1.7	269.4	12.00	12.00	0.00	
8,025.0	67.16	359.64	7,905.3	292.2	-1.8	292.2	12.00	12.00	0.00	
8,050.0	70.16	359.64	7,914.4	315.4	-2.0	315.4	12.00	12.00	0.00	
8,075.0	73.16	359.64	7,922.3	339.2	-2.1	339.2	12.00	12.00	0.00	
8,100.0	76.16	359.64	7,928.9	363.3	-2.3	363.3	12.00	12.00	0.00	
8,125.0	79.16	359.64	7,934.3	387.7	-2.4	387.7	12.00	12.00	0.00	
8,150.0	82.16	359.64	7,938.3	412.4	-2.6	412.4	12.00	12.00	0.00	

Chesapeake Operating

Planning Report

Database:	Drilling Database	Local Co-ordinate Reference:	Well PLU Pierce Canyon 5 State 1H
Company:	Permian District	TVD Reference:	WELL @ 0 0ft (Original Well Elev)
Project:	Poker Lake	MD Reference:	WELL @ 0 0ft (Original Well Elev)
Site:	PLU Pierce Canyon 5 State 1H	North Reference:	True
Well:	PLU Pierce Canyon 5 State 1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	PLU Pierce Canyon 5 State 1H		
Design:	Lateral		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,175.0	85.16	359.64	7,941.1	437.2	-2.7	437.2	12.00	12.00	0.00
8,200.0	88.16	359.64	7,942.5	462.2	-2.9	462.2	12.00	12.00	0.00
8,219.5	90.50	359.64	7,942.7	481.6	-3.0	481.6	12.00	12.00	0.00
8,300.0	90.50	359.64	7,942.0	562.2	-3.5	562.2	0.00	0.00	0.00
8,400.0	90.50	359.64	7,941.2	662.1	-4.2	662.2	0.00	0.00	0.00
8,500.0	90.50	359.64	7,940.3	762.1	-4.8	762.2	0.00	0.00	0.00
8,600.0	90.50	359.64	7,939.4	862.1	-5.4	862.2	0.00	0.00	0.00
8,700.0	90.50	359.64	7,938.6	962.1	-6.0	962.1	0.00	0.00	0.00
8,800.0	90.50	359.64	7,937.7	1,062.1	-6.7	1,062.1	0.00	0.00	0.00
8,900.0	90.50	359.64	7,936.8	1,162.1	-7.3	1,162.1	0.00	0.00	0.00
9,000.0	90.50	359.64	7,935.9	1,262.1	-7.9	1,262.1	0.00	0.00	0.00
9,100.0	90.50	359.64	7,935.1	1,362.1	-8.6	1,362.1	0.00	0.00	0.00
9,200.0	90.50	359.64	7,934.2	1,462.1	-9.2	1,462.1	0.00	0.00	0.00
9,300.0	90.50	359.64	7,933.3	1,562.1	-9.8	1,562.1	0.00	0.00	0.00
9,400.0	90.50	359.64	7,932.4	1,662.1	-10.4	1,662.1	0.00	0.00	0.00
9,500.0	90.50	359.64	7,931.6	1,762.1	-11.1	1,762.1	0.00	0.00	0.00
9,600.0	90.50	359.64	7,930.7	1,862.1	-11.7	1,862.1	0.00	0.00	0.00
9,700.0	90.50	359.64	7,929.8	1,962.1	-12.3	1,962.1	0.00	0.00	0.00
9,800.0	90.50	359.64	7,929.0	2,062.1	-13.0	2,062.1	0.00	0.00	0.00
9,900.0	90.50	359.64	7,928.1	2,162.1	-13.6	2,162.1	0.00	0.00	0.00
10,000.0	90.50	359.64	7,927.2	2,262.1	-14.2	2,262.1	0.00	0.00	0.00
10,100.0	90.50	359.64	7,926.3	2,362.0	-14.8	2,362.1	0.00	0.00	0.00
10,200.0	90.50	359.64	7,925.5	2,462.0	-15.5	2,462.1	0.00	0.00	0.00
10,300.0	90.50	359.64	7,924.6	2,562.0	-16.1	2,562.1	0.00	0.00	0.00
10,400.0	90.50	359.64	7,923.7	2,662.0	-16.7	2,662.1	0.00	0.00	0.00
10,500.0	90.50	359.64	7,922.8	2,762.0	-17.4	2,762.1	0.00	0.00	0.00
10,600.0	90.50	359.64	7,922.0	2,862.0	-18.0	2,862.1	0.00	0.00	0.00
10,700.0	90.50	359.64	7,921.1	2,962.0	-18.6	2,962.1	0.00	0.00	0.00
10,800.0	90.50	359.64	7,920.2	3,062.0	-19.2	3,062.1	0.00	0.00	0.00
10,900.0	90.50	359.64	7,919.4	3,162.0	-19.9	3,162.1	0.00	0.00	0.00
11,000.0	90.50	359.64	7,918.5	3,262.0	-20.5	3,262.1	0.00	0.00	0.00
11,100.0	90.50	359.64	7,917.6	3,362.0	-21.1	3,362.1	0.00	0.00	0.00
11,200.0	90.50	359.64	7,916.7	3,462.0	-21.8	3,462.1	0.00	0.00	0.00
11,300.0	90.50	359.64	7,915.9	3,562.0	-22.4	3,562.0	0.00	0.00	0.00
11,400.0	90.50	359.64	7,915.0	3,662.0	-23.0	3,662.0	0.00	0.00	0.00
11,500.0	90.50	359.64	7,914.1	3,762.0	-23.6	3,762.0	0.00	0.00	0.00
11,600.0	90.50	359.64	7,913.2	3,862.0	-24.3	3,862.0	0.00	0.00	0.00
11,700.0	90.50	359.64	7,912.4	3,962.0	-24.9	3,962.0	0.00	0.00	0.00
11,800.0	90.50	359.64	7,911.5	4,061.9	-25.5	4,062.0	0.00	0.00	0.00
11,900.0	90.50	359.64	7,910.6	4,161.9	-26.2	4,162.0	0.00	0.00	0.00
12,000.0	90.50	359.64	7,909.8	4,261.9	-26.8	4,262.0	0.00	0.00	0.00
12,100.0	90.50	359.64	7,908.9	4,361.9	-27.4	4,362.0	0.00	0.00	0.00
12,200.0	90.50	359.64	7,908.0	4,461.9	-28.0	4,462.0	0.00	0.00	0.00
12,300.0	90.50	359.64	7,907.1	4,561.9	-28.7	4,562.0	0.00	0.00	0.00
12,356.0	90.50	359.64	7,906.6	4,617.9	-29.0	4,618.0	0.00	0.00	0.00
5 1/2"									
12,356.7	90.50	359.64	7,906.6	4,618.6	-29.0	4,618.7	0.00	0.00	0.00

Chesapeake Operating

Planning Report

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Project:	Poker Lake	MD Reference:	WELL @ 0.0ft (Original Well Elev)
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Design:	Lateral		

Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(m)	(m)		
PLU Pierce Canyon 5 St	0.00	0 23	7,906.6	4,618.6	-28.8	129,330.97	206,293.78	32° 9' 56.729 N	103° 53' 43.811 W
- plan misses target center by 0.2ft at 12356 7ft MD (7906.6 TVD, 4618 6 N, -29.0 E)									
- Point									