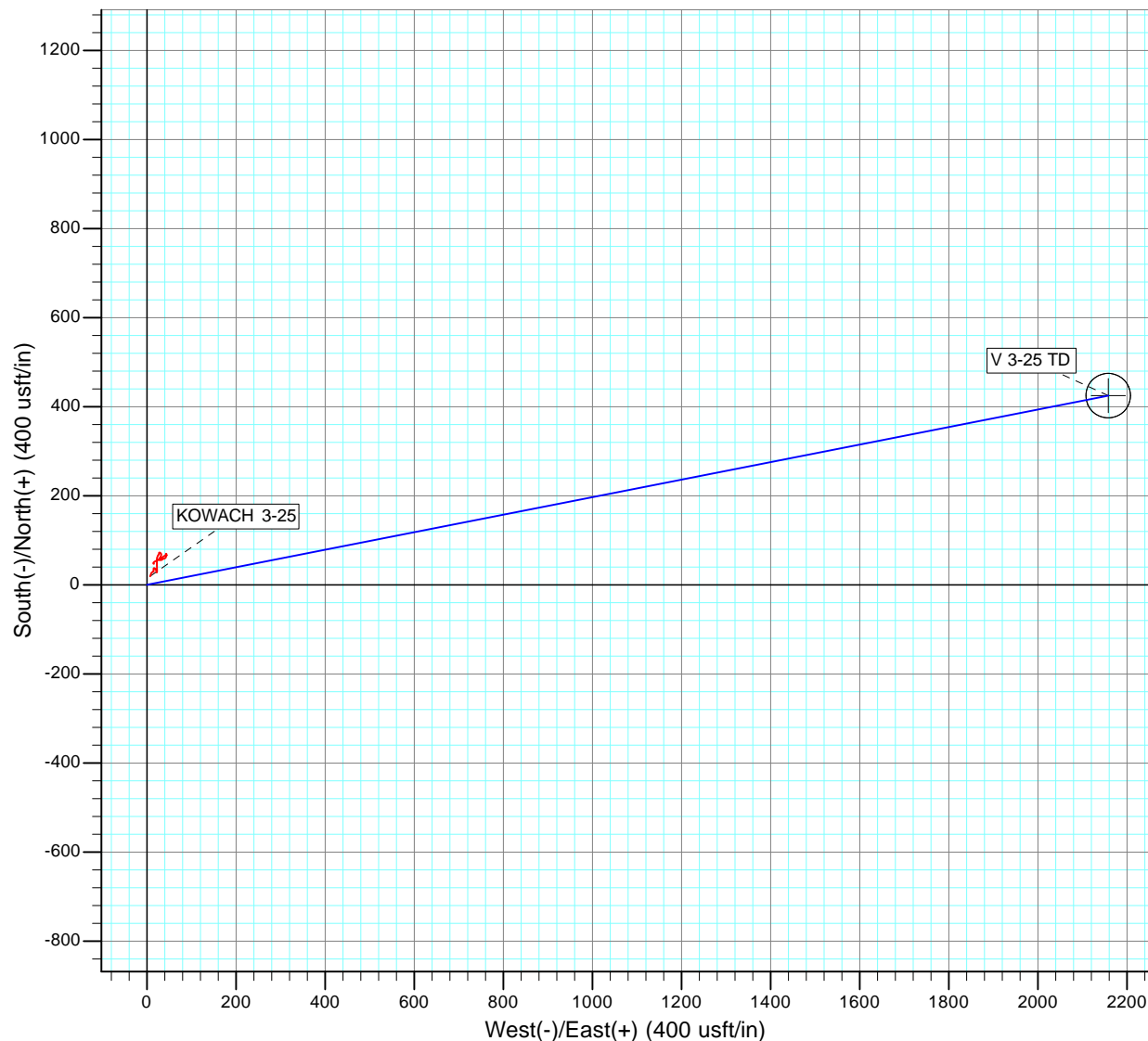
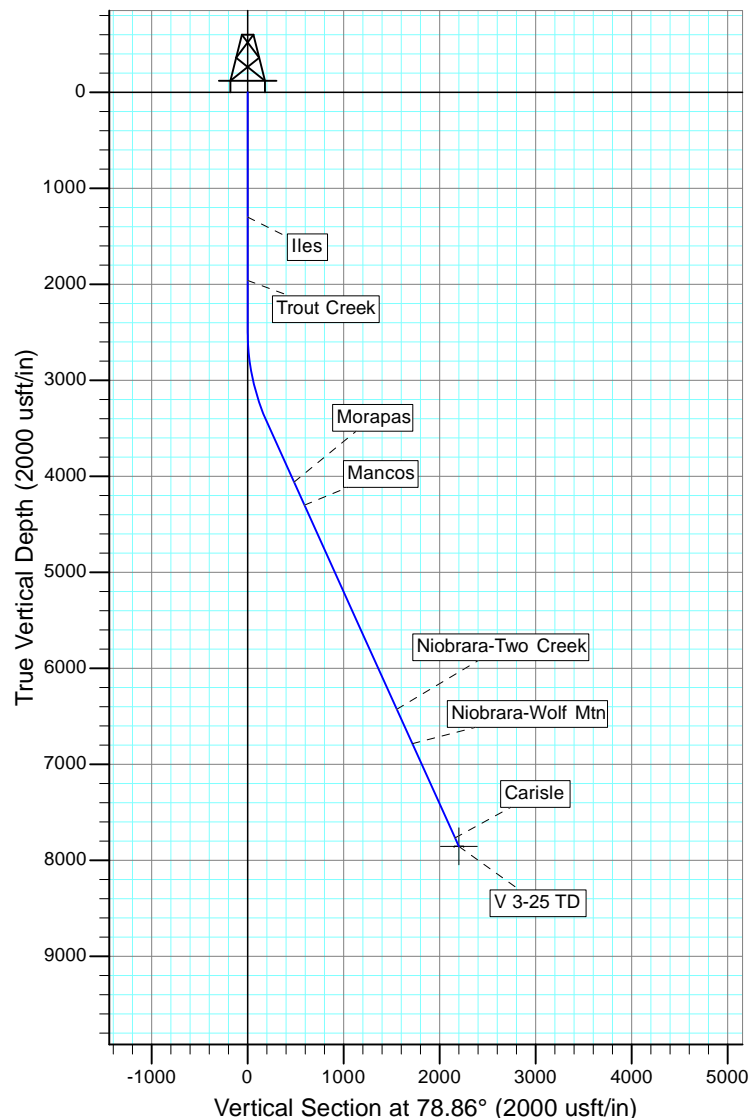


PetroShare Corp.

Project: Moffat County
 Site: SEC. 25, T6N, R90W
 Well: VOLOSHIN #3-25
 Wellpath: VOLOSHIN #3-25
 Design: 120113 V2



Azimuths to Grid North
 True North: 1.25°
 Magnetic North: 11.14°
 Magnetic Field
 Strength: 52568.4snT
 Dip Angle: 66.55°
 Date: 12/1/2013
 Model: IGRF2010



COMMENTS:

KOP: 2500'
 DOGLEGS: 2.5°

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
V 3-25 TD	7855.00	425.00	2158.00	Circle (Radius: 50.00)

- plan hits target center

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VFace	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	
3	3473.88	24.35	78.86	3444.84	39.38	199.98	2.50	78.86	203.82	
4	8314.55	24.35	78.86	7855.00	425.00	2158.00	0.00	0.00	2199.45	V 3-25 TD

PetroShare Corp.

**Moffat County
SEC. 25, T6N, R90W
VOLOSHIN #3-25**

VOLOSHIN #3-25

Plan: 120113 V2

Standard Planning Report

01 December, 2013



Database:	PetroShare	Local Co-ordinate Reference:	Well VOLOSHIN #3-25
Company:	PetroShare Corp.	TVD Reference:	V #3-25 @ 7485.00usft
Project:	Moffat County	MD Reference:	V #3-25 @ 7485.00usft
Site:	SEC. 25, T6N, R90W	North Reference:	Grid
Well:	VOLOSHIN #3-25	Survey Calculation Method:	Minimum Curvature
Wellbore:	VOLOSHIN #3-25		
Design:	120113 V2		

Project	Moffat County		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		SEC. 25, T6N, R90W, Section 25, T 6N, R 90W, P.M., Moffat County., Col			
Site Position:		Northing:		1,410,627.08 usft	
From:		Easting:		2,460,146.95 usft	
Position Uncertainty:		Slot Radius:		Grid Convergence:	
Lat/Long		0.00 usft		13-3/16 "	
				40.444364	
				-107.439783	
				-1.25 °	

Well	VOLOSHIN #3-25, SUR. N 1410579.69 E 2460131.16					
Well Position	+N/-S	-47.39 usft	Northing:	1,410,579.69 usft	Latitude:	40.444233
	+E/-W	-15.79 usft	Easting:	2,460,131.16 usft	Longitude:	-107.439836
Position Uncertainty		0.00 usft	Wellhead Elevation:	7,485.00 usft	Ground Level:	7,469.00 usft

Wellbore		VOLOSHIN #3-25			
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/1/2013	9.89	66.55	52,568

Design	120113 V2			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	7,855.00	0.00	0.00	78.86

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	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,473.88	24.35	78.86	3,444.84	39.38	199.98	2.50	2.50	0.00	78.86	
8,314.55	24.35	78.86	7,855.00	425.00	2,158.00	0.00	0.00	0.00	0.00	V 3-25 TD

Database:	PetroShare	Local Co-ordinate Reference:	Well VOLOSHIN #3-25
Company:	PetroShare Corp.	TVD Reference:	V #3-25 @ 7485.00usft
Project:	Moffat County	MD Reference:	V #3-25 @ 7485.00usft
Site:	SEC. 25, T6N, R90W	North Reference:	Grid
Well:	VOLOSHIN #3-25	Survey Calculation Method:	Minimum Curvature
Wellbore:	VOLOSHIN #3-25		
Design:	120113 V2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	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
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
Iles									
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,960.00	0.00	0.00	1,960.00	0.00	0.00	0.00	0.00	0.00	0.00
Trout Creek									
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.50									
2,600.00	2.50	78.86	2,599.97	0.42	2.14	2.18	2.50	2.50	0.00
2,700.00	5.00	78.86	2,699.75	1.69	8.56	8.72	2.50	2.50	0.00
2,800.00	7.50	78.86	2,799.14	3.79	19.24	19.61	2.50	2.50	0.00
2,900.00	10.00	78.86	2,897.97	6.73	34.16	34.82	2.50	2.50	0.00
3,000.00	12.50	78.86	2,996.04	10.50	53.30	54.33	2.50	2.50	0.00
3,100.00	15.00	78.86	3,093.17	15.09	76.62	78.09	2.50	2.50	0.00
3,200.00	17.50	78.86	3,189.17	20.50	104.07	106.07	2.50	2.50	0.00
3,300.00	20.00	78.86	3,283.85	26.71	135.61	138.21	2.50	2.50	0.00
3,400.00	22.50	78.86	3,377.05	33.71	171.17	174.46	2.50	2.50	0.00
3,473.88	24.35	78.86	3,444.84	39.38	199.98	203.82	2.50	2.50	0.00
Start 4840.67 hold at 3473.88 MD									
3,500.00	24.35	78.86	3,468.63	41.47	210.55	214.59	0.00	0.00	0.00
3,600.00	24.35	78.86	3,559.74	49.43	251.00	255.82	0.00	0.00	0.00
3,700.00	24.35	78.86	3,650.84	57.40	291.45	297.04	0.00	0.00	0.00
3,800.00	24.35	78.86	3,741.95	65.36	331.90	338.27	0.00	0.00	0.00
3,900.00	24.35	78.86	3,833.06	73.33	372.34	379.50	0.00	0.00	0.00
4,000.00	24.35	78.86	3,924.16	81.30	412.79	420.72	0.00	0.00	0.00
4,100.00	24.35	78.86	4,015.27	89.26	453.24	461.95	0.00	0.00	0.00
4,149.10	24.35	78.86	4,060.00	93.17	473.10	482.19	0.00	0.00	0.00
Morapas									
4,200.00	24.35	78.86	4,106.38	97.23	493.69	503.18	0.00	0.00	0.00
4,300.00	24.35	78.86	4,197.48	105.19	534.14	544.40	0.00	0.00	0.00
4,400.00	24.35	78.86	4,288.59	113.16	574.59	585.63	0.00	0.00	0.00
4,412.52	24.35	78.86	4,300.00	114.16	579.66	590.79	0.00	0.00	0.00

Database:	PetroShare	Local Co-ordinate Reference:	Well VOLOSHIN #3-25
Company:	PetroShare Corp.	TVD Reference:	V #3-25 @ 7485.00usft
Project:	Moffat County	MD Reference:	V #3-25 @ 7485.00usft
Site:	SEC. 25, T6N, R90W	North Reference:	Grid
Well:	VOLOSHIN #3-25	Survey Calculation Method:	Minimum Curvature
Wellbore:	VOLOSHIN #3-25		
Design:	120113 V2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Mancos									
4,500.00	24.35	78.86	4,379.70	121.13	615.04	626.85	0.00	0.00	0.00
4,600.00	24.35	78.86	4,470.80	129.09	655.49	668.08	0.00	0.00	0.00
4,700.00	24.35	78.86	4,561.91	137.06	695.94	709.31	0.00	0.00	0.00
4,800.00	24.35	78.86	4,653.02	145.03	736.39	750.53	0.00	0.00	0.00
4,900.00	24.35	78.86	4,744.12	152.99	776.84	791.76	0.00	0.00	0.00
5,000.00	24.35	78.86	4,835.23	160.96	817.29	832.99	0.00	0.00	0.00
5,100.00	24.35	78.86	4,926.34	168.92	857.74	874.21	0.00	0.00	0.00
5,200.00	24.35	78.86	5,017.44	176.89	898.19	915.44	0.00	0.00	0.00
5,300.00	24.35	78.86	5,108.55	184.86	938.63	956.66	0.00	0.00	0.00
5,400.00	24.35	78.86	5,199.66	192.82	979.08	997.89	0.00	0.00	0.00
5,500.00	24.35	78.86	5,290.76	200.79	1,019.53	1,039.12	0.00	0.00	0.00
5,600.00	24.35	78.86	5,381.87	208.75	1,059.98	1,080.34	0.00	0.00	0.00
5,700.00	24.35	78.86	5,472.97	216.72	1,100.43	1,121.57	0.00	0.00	0.00
5,800.00	24.35	78.86	5,564.08	224.69	1,140.88	1,162.80	0.00	0.00	0.00
5,900.00	24.35	78.86	5,655.19	232.65	1,181.33	1,204.02	0.00	0.00	0.00
6,000.00	24.35	78.86	5,746.29	240.62	1,221.78	1,245.25	0.00	0.00	0.00
6,100.00	24.35	78.86	5,837.40	248.59	1,262.23	1,286.47	0.00	0.00	0.00
6,200.00	24.35	78.86	5,928.51	256.55	1,302.68	1,327.70	0.00	0.00	0.00
6,300.00	24.35	78.86	6,019.61	264.52	1,343.13	1,368.93	0.00	0.00	0.00
6,400.00	24.35	78.86	6,110.72	272.48	1,383.58	1,410.15	0.00	0.00	0.00
6,500.00	24.35	78.86	6,201.83	280.45	1,424.03	1,451.38	0.00	0.00	0.00
6,600.00	24.35	78.86	6,292.93	288.42	1,464.48	1,492.61	0.00	0.00	0.00
6,700.00	24.35	78.86	6,384.04	296.38	1,504.93	1,533.83	0.00	0.00	0.00
6,747.15	24.35	78.86	6,427.00	300.14	1,524.00	1,553.27	0.00	0.00	0.00
Niobrara-Two Creek									
6,800.00	24.35	78.86	6,475.15	304.35	1,545.37	1,575.06	0.00	0.00	0.00
6,900.00	24.35	78.86	6,566.25	312.31	1,585.82	1,616.29	0.00	0.00	0.00
7,000.00	24.35	78.86	6,657.36	320.28	1,626.27	1,657.51	0.00	0.00	0.00
7,100.00	24.35	78.86	6,748.47	328.25	1,666.72	1,698.74	0.00	0.00	0.00
7,139.00	24.35	78.86	6,784.00	331.35	1,682.50	1,714.82	0.00	0.00	0.00
Niobrara-Wolf Mtn									
7,200.00	24.35	78.86	6,839.57	336.21	1,707.17	1,739.96	0.00	0.00	0.00
7,300.00	24.35	78.86	6,930.68	344.18	1,747.62	1,781.19	0.00	0.00	0.00
7,400.00	24.35	78.86	7,021.78	352.15	1,788.07	1,822.42	0.00	0.00	0.00
7,500.00	24.35	78.86	7,112.89	360.11	1,828.52	1,863.64	0.00	0.00	0.00
7,600.00	24.35	78.86	7,204.00	368.08	1,868.97	1,904.87	0.00	0.00	0.00
7,700.00	24.35	78.86	7,295.10	376.04	1,909.42	1,946.10	0.00	0.00	0.00
7,800.00	24.35	78.86	7,386.21	384.01	1,949.87	1,987.32	0.00	0.00	0.00
7,900.00	24.35	78.86	7,477.32	391.98	1,990.32	2,028.55	0.00	0.00	0.00
8,000.00	24.35	78.86	7,568.42	399.94	2,030.77	2,069.77	0.00	0.00	0.00
8,100.00	24.35	78.86	7,659.53	407.91	2,071.22	2,111.00	0.00	0.00	0.00
8,118.08	24.35	78.86	7,676.00	409.35	2,078.53	2,118.45	0.00	0.00	0.00
Niobrara Basal-Top									
8,200.00	24.35	78.86	7,750.64	415.87	2,111.67	2,152.23	0.00	0.00	0.00
8,216.86	24.35	78.86	7,766.00	417.22	2,118.49	2,159.18	0.00	0.00	0.00
Carisle									
8,300.00	24.35	78.86	7,841.74	423.84	2,152.11	2,193.45	0.00	0.00	0.00
8,314.55	24.35	78.86	7,855.00	425.00	2,158.00	2,199.45	0.00	0.00	0.00
TD at 8314.55 - V 3-25 TD									

Database:	PetroShare	Local Co-ordinate Reference:	Well VOLOSHIN #3-25
Company:	PetroShare Corp.	TVD Reference:	V #3-25 @ 7485.00usft
Project:	Moffat County	MD Reference:	V #3-25 @ 7485.00usft
Site:	SEC. 25, T6N, R90W	North Reference:	Grid
Well:	VOLOSHIN #3-25	Survey Calculation Method:	Minimum Curvature
Wellbore:	VOLOSHIN #3-25		
Design:	120113 V2		

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									
V 3-25 TD	0.00	0.00	7,855.00	425.00	2,158.00	1,411,004.69	2,462,289.16	40.445529	-107.432118
- plan hits target center									
- Circle (radius 50.00)									

Formations							
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction		
(usft)	(usft)			(°)	(°)		
1,300.00	1,300.00	Iles					
1,960.00	1,960.00	Trout Creek					
4,149.10	4,060.00	Morapas					
4,412.52	4,300.00	Mancos					
6,747.15	6,427.00	Niobrara-Two Creek					
7,139.00	6,784.00	Niobrara-Wolf Mtn					
8,118.08	7,676.00	Niobrara Basal-Top					
8,216.86	7,766.00	Carisle					

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates			
(usft)	(usft)	+N/-S (usft)	+E/-W (usft)	Comment	
2,500.00	2,500.00	0.00	0.00	Start Build 2.50	
3,473.88	3,444.84	39.38	199.98	Start 4840.67 hold at 3473.88 MD	
8,314.55	7,855.00	425.00	2,158.00	TD at 8314.55	