



Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well 8509C-33 E34 496
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	WELL @ 8324.0ft (Original Well Elev)
Project:	Story Gulch	MD Reference:	WELL @ 8324.0ft (Original Well Elev)
Site:	S33-T4S-R96W (E34 496)	North Reference:	True
Well:	8509C-33 E34 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	DD		
Design:	Plan #1		

Project	Story Gulch		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Central Zone		

Site		S33-T4S-R96W (E34 496)			
Site Position:		Northing:	1,676,257.20 ft	Latitude:	39° 39' 36.020 N
From:	Lat/Long	Easting:	2,251,040.13 ft	Longitude:	108° 9' 38.140 W
Position Uncertainty:	0.0 ft	Slot Radius:	13.200 in	Grid Convergence:	-1.68 °

Well	8509C-33 E34 496					
Well Position	+N/-S	0.0 ft	Northing:	1,676,181.63 ft	Latitude:	39° 39' 35.270 N
	+E/-W	0.0 ft	Easting:	2,251,027.75 ft	Longitude:	108° 9' 38.270 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	8,301.0 ft

Wellbore	DD				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/19/2012	10.32	65.82	52,197

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	244.12

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	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	
904.6	21.14	244.17	888.7	-56.0	-115.7	3.00	3.00	0.00	244.17	
7,193.3	21.14	244.17	6,754.3	-1,043.9	-2,156.9	0.00	0.00	0.00	0.00	
7,897.9	0.00	0.00	7,443.0	-1,099.9	-2,272.6	3.00	-3.00	0.00	180.00	E34 496 8509C-33 TC
7,942.7	0.22	236.49	7,487.9	-1,099.9	-2,272.7	0.50	0.50	-275.25	236.49	
12,528.9	0.22	236.49	12,074.0	-1,109.9	-2,287.6	0.00	0.00	0.00	0.00	E34 496 8509C-33 PE
12,678.9	0.22	236.49	12,224.0	-1,110.2	-2,288.1	0.00	0.00	0.00	0.00	

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well 8509C-33 E34 496
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	WELL @ 8324.0ft (Original Well Elev)
Project:	Story Gulch	MD Reference:	WELL @ 8324.0ft (Original Well Elev)
Site:	S33-T4S-R96W (E34 496)	North Reference:	True
Well:	8509C-33 E34 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	DD		
Design:	Plan #1		

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)	Comments / Formations
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	KOP @ 200'
300.0	3.00	244.17	300.0	-1.1	-2.4	2.6	3.00	3.00	
400.0	6.00	244.17	399.6	-4.6	-9.4	10.5	3.00	3.00	
500.0	9.00	244.17	498.8	-10.2	-21.2	23.5	3.00	3.00	
600.0	12.00	244.17	597.1	-18.2	-37.6	41.7	3.00	3.00	
700.0	15.00	244.17	694.3	-28.4	-58.6	65.1	3.00	3.00	
800.0	18.00	244.17	790.2	-40.7	-84.1	93.5	3.00	3.00	
900.0	21.00	244.17	884.4	-55.3	-114.2	126.9	3.00	3.00	
904.6	21.14	244.17	888.7	-56.0	-115.7	128.5	3.00	3.00	EOB; Inc=21.14°
1,000.0	21.14	244.17	977.7	-71.0	-146.6	162.9	0.00	0.00	
1,100.0	21.14	244.17	1,071.0	-86.7	-179.1	199.0	0.00	0.00	
1,195.4	21.14	244.17	1,160.0	-101.7	-210.1	233.4	0.00	0.00	A_GROOVE_TVD
1,200.0	21.14	244.17	1,164.2	-102.4	-211.6	235.0	0.00	0.00	
1,300.0	21.14	244.17	1,257.5	-118.1	-244.0	271.1	0.00	0.00	
1,365.9	21.14	244.17	1,319.0	-128.5	-265.4	294.9	0.00	0.00	B_GROOVE_TVD
1,400.0	21.14	244.17	1,350.8	-133.8	-276.5	307.2	0.00	0.00	
1,406.7	21.14	244.17	1,357.0	-134.9	-278.6	309.6	0.00	0.00	B_GROOVE_BASE_TVD
1,500.0	21.14	244.17	1,444.1	-149.5	-308.9	343.2	0.00	0.00	
1,600.0	21.14	244.17	1,537.3	-165.2	-341.4	379.3	0.00	0.00	
1,700.0	21.14	244.17	1,630.6	-180.9	-373.9	415.3	0.00	0.00	
1,800.0	21.14	244.17	1,723.9	-196.6	-406.3	451.4	0.00	0.00	
1,900.0	21.14	244.17	1,817.2	-212.4	-438.8	487.5	0.00	0.00	
2,000.0	21.14	244.17	1,910.4	-228.1	-471.2	523.5	0.00	0.00	
2,100.0	21.14	244.17	2,003.7	-243.8	-503.7	559.6	0.00	0.00	
2,200.0	21.14	244.17	2,097.0	-259.5	-536.1	595.6	0.00	0.00	
2,300.0	21.14	244.17	2,190.2	-275.2	-568.6	631.7	0.00	0.00	
2,340.5	21.14	244.17	2,228.0	-281.6	-581.7	646.3	0.00	0.00	GARDEN_GULCH_TVD
2,400.0	21.14	244.17	2,283.5	-290.9	-601.1	667.8	0.00	0.00	
2,500.0	21.14	244.17	2,376.8	-306.6	-633.5	703.8	0.00	0.00	
2,600.0	21.14	244.17	2,470.1	-322.3	-666.0	739.9	0.00	0.00	
2,700.0	21.14	244.17	2,563.3	-338.0	-698.4	775.9	0.00	0.00	
2,800.0	21.14	244.17	2,656.6	-353.7	-730.9	812.0	0.00	0.00	
2,900.0	21.14	244.17	2,749.9	-369.5	-763.4	848.1	0.00	0.00	
3,000.0	21.14	244.17	2,843.1	-385.2	-795.8	884.1	0.00	0.00	
3,100.0	21.14	244.17	2,936.4	-400.9	-828.3	920.2	0.00	0.00	
3,200.0	21.14	244.17	3,029.7	-416.6	-860.7	956.3	0.00	0.00	
3,300.0	21.14	244.17	3,123.0	-432.3	-893.2	992.3	0.00	0.00	
3,400.0	21.14	244.17	3,216.2	-448.0	-925.7	1,028.4	0.00	0.00	
3,441.6	21.14	244.17	3,255.0	-454.5	-939.2	1,043.4	0.00	0.00	WASATCH_FM_TVD
3,500.0	21.14	244.17	3,309.5	-463.7	-958.1	1,064.4	0.00	0.00	
3,600.0	21.14	244.17	3,402.8	-479.4	-990.6	1,100.5	0.00	0.00	
3,700.0	21.14	244.17	3,496.0	-495.1	-1,023.0	1,136.6	0.00	0.00	
3,800.0	21.14	244.17	3,589.3	-510.8	-1,055.5	1,172.6	0.00	0.00	
3,900.0	21.14	244.17	3,682.6	-526.6	-1,088.0	1,208.7	0.00	0.00	
4,000.0	21.14	244.17	3,775.9	-542.3	-1,120.4	1,244.7	0.00	0.00	
4,100.0	21.14	244.17	3,869.1	-558.0	-1,152.9	1,280.8	0.00	0.00	
4,200.0	21.14	244.17	3,962.4	-573.7	-1,185.3	1,316.9	0.00	0.00	
4,300.0	21.14	244.17	4,055.7	-589.4	-1,217.8	1,352.9	0.00	0.00	
4,400.0	21.14	244.17	4,148.9	-605.1	-1,250.3	1,389.0	0.00	0.00	
4,500.0	21.14	244.17	4,242.2	-620.8	-1,282.7	1,425.0	0.00	0.00	

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well 8509C-33 E34 496
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	WELL @ 8324.0ft (Original Well Elev)
Project:	Story Gulch	MD Reference:	WELL @ 8324.0ft (Original Well Elev)
Site:	S33-T4S-R96W (E34 496)	North Reference:	True
Well:	8509C-33 E34 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	DD		
Design:	Plan #1		

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)	Comments / Formations
4,600.0	21.14	244.17	4,335.5	-636.5	-1,315.2	1,461.1	0.00	0.00	
4,700.0	21.14	244.17	4,428.8	-652.2	-1,347.6	1,497.2	0.00	0.00	
4,800.0	21.14	244.17	4,522.0	-667.9	-1,380.1	1,533.2	0.00	0.00	
4,900.0	21.14	244.17	4,615.3	-683.6	-1,412.5	1,569.3	0.00	0.00	
5,000.0	21.14	244.17	4,708.6	-699.4	-1,445.0	1,605.4	0.00	0.00	
5,100.0	21.14	244.17	4,801.8	-715.1	-1,477.5	1,641.4	0.00	0.00	
5,200.0	21.14	244.17	4,895.1	-730.8	-1,509.9	1,677.5	0.00	0.00	
5,300.0	21.14	244.17	4,988.4	-746.5	-1,542.4	1,713.5	0.00	0.00	
5,400.0	21.14	244.17	5,081.7	-762.2	-1,574.8	1,749.6	0.00	0.00	
5,500.0	21.14	244.17	5,174.9	-777.9	-1,607.3	1,785.7	0.00	0.00	
5,600.0	21.14	244.17	5,268.2	-793.6	-1,639.8	1,821.7	0.00	0.00	
5,681.3	21.14	244.17	5,344.0	-806.4	-1,666.1	1,851.0	0.00	0.00	WASATCH_G_TVD
5,700.0	21.14	244.17	5,361.5	-809.3	-1,672.2	1,857.8	0.00	0.00	
5,800.0	21.14	244.17	5,454.7	-825.0	-1,704.7	1,893.8	0.00	0.00	
5,900.0	21.14	244.17	5,548.0	-840.7	-1,737.1	1,929.9	0.00	0.00	
6,000.0	21.14	244.17	5,641.3	-856.5	-1,769.6	1,966.0	0.00	0.00	
6,100.0	21.14	244.17	5,734.6	-872.2	-1,802.1	2,002.0	0.00	0.00	
6,200.0	21.14	244.17	5,827.8	-887.9	-1,834.5	2,038.1	0.00	0.00	
6,300.0	21.14	244.17	5,921.1	-903.6	-1,867.0	2,074.1	0.00	0.00	
6,400.0	21.14	244.17	6,014.4	-919.3	-1,899.4	2,110.2	0.00	0.00	
6,500.0	21.14	244.17	6,107.6	-935.0	-1,931.9	2,146.3	0.00	0.00	
6,600.0	21.14	244.17	6,200.9	-950.7	-1,964.4	2,182.3	0.00	0.00	
6,700.0	21.14	244.17	6,294.2	-966.4	-1,996.8	2,218.4	0.00	0.00	
6,800.0	21.14	244.17	6,387.5	-982.1	-2,029.3	2,254.4	0.00	0.00	
6,900.0	21.14	244.17	6,480.7	-997.8	-2,061.7	2,290.5	0.00	0.00	
7,000.0	21.14	244.17	6,574.0	-1,013.6	-2,094.2	2,326.6	0.00	0.00	
7,100.0	21.14	244.17	6,667.3	-1,029.3	-2,126.7	2,362.6	0.00	0.00	
7,193.3	21.14	244.17	6,754.3	-1,043.9	-2,156.9	2,396.3	0.00	0.00	Start Drop -3.00
7,200.0	20.94	244.17	6,760.6	-1,045.0	-2,159.1	2,398.7	3.00	-3.00	
7,300.0	17.94	244.17	6,854.8	-1,059.5	-2,189.1	2,432.0	3.00	-3.00	
7,400.0	14.94	244.17	6,950.7	-1,071.8	-2,214.5	2,460.2	3.00	-3.00	
7,500.0	11.94	244.17	7,048.0	-1,081.9	-2,235.4	2,483.5	3.00	-3.00	
7,600.0	8.94	244.17	7,146.3	-1,089.8	-2,251.7	2,501.6	3.00	-3.00	
7,700.0	5.94	244.17	7,245.5	-1,095.4	-2,263.4	2,514.5	3.00	-3.00	
7,800.0	2.94	244.17	7,345.2	-1,098.8	-2,270.3	2,522.3	3.00	-3.00	
7,897.9	0.00	0.00	7,443.0	-1,099.9	-2,272.6	2,524.8	3.00	-3.00	EOD; Inc=0° - WILLIAMS_FORK_TVD - E34 496
7,900.0	0.01	236.49	7,445.1	-1,099.9	-2,272.6	2,524.8	0.50	0.50	
7,942.7	0.22	236.49	7,487.9	-1,099.9	-2,272.7	2,524.9	0.50	0.50	
8,000.0	0.22	236.49	7,545.1	-1,100.1	-2,272.9	2,525.1	0.00	0.00	
8,100.0	0.22	236.49	7,645.1	-1,100.3	-2,273.2	2,525.5	0.00	0.00	
8,200.0	0.22	236.49	7,745.1	-1,100.5	-2,273.5	2,525.9	0.00	0.00	
8,300.0	0.22	236.49	7,845.1	-1,100.7	-2,273.8	2,526.2	0.00	0.00	
8,400.0	0.22	236.49	7,945.1	-1,100.9	-2,274.2	2,526.6	0.00	0.00	
8,500.0	0.22	236.49	8,045.1	-1,101.2	-2,274.5	2,527.0	0.00	0.00	
8,600.0	0.22	236.49	8,145.1	-1,101.4	-2,274.8	2,527.4	0.00	0.00	
8,700.0	0.22	236.49	8,245.1	-1,101.6	-2,275.1	2,527.8	0.00	0.00	
8,800.0	0.22	236.49	8,345.1	-1,101.8	-2,275.5	2,528.2	0.00	0.00	
8,900.0	0.22	236.49	8,445.1	-1,102.0	-2,275.8	2,528.6	0.00	0.00	
9,000.0	0.22	236.49	8,545.1	-1,102.2	-2,276.1	2,529.0	0.00	0.00	
9,100.0	0.22	236.49	8,645.1	-1,102.5	-2,276.5	2,529.4	0.00	0.00	
9,200.0	0.22	236.49	8,745.1	-1,102.7	-2,276.8	2,529.7	0.00	0.00	
9,300.0	0.22	236.49	8,845.1	-1,102.9	-2,277.1	2,530.1	0.00	0.00	

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well 8509C-33 E34 496
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	WELL @ 8324.0ft (Original Well Elev)
Project:	Story Gulch	MD Reference:	WELL @ 8324.0ft (Original Well Elev)
Site:	S33-T4S-R96W (E34 496)	North Reference:	True
Well:	8509C-33 E34 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	DD		
Design:	Plan #1		

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)	Comments / Formations
9,400.0	0.22	236.49	8,945.1	-1,103.1	-2,277.4	2,530.5	0.00	0.00	
9,500.0	0.22	236.49	9,045.1	-1,103.3	-2,277.8	2,530.9	0.00	0.00	
9,600.0	0.22	236.49	9,145.1	-1,103.5	-2,278.1	2,531.3	0.00	0.00	
9,700.0	0.22	236.49	9,245.1	-1,103.7	-2,278.4	2,531.7	0.00	0.00	
9,800.0	0.22	236.49	9,345.1	-1,104.0	-2,278.7	2,532.1	0.00	0.00	
9,900.0	0.22	236.49	9,445.1	-1,104.2	-2,279.1	2,532.5	0.00	0.00	
10,000.0	0.22	236.49	9,545.1	-1,104.4	-2,279.4	2,532.8	0.00	0.00	
10,100.0	0.22	236.49	9,645.1	-1,104.6	-2,279.7	2,533.2	0.00	0.00	
10,200.0	0.22	236.49	9,745.1	-1,104.8	-2,280.0	2,533.6	0.00	0.00	
10,300.0	0.22	236.49	9,845.1	-1,105.0	-2,280.4	2,534.0	0.00	0.00	
10,400.0	0.22	236.49	9,945.1	-1,105.3	-2,280.7	2,534.4	0.00	0.00	
10,500.0	0.22	236.49	10,045.1	-1,105.5	-2,281.0	2,534.8	0.00	0.00	
10,600.0	0.22	236.49	10,145.1	-1,105.7	-2,281.3	2,535.2	0.00	0.00	
10,700.0	0.22	236.49	10,245.1	-1,105.9	-2,281.7	2,535.6	0.00	0.00	
10,800.0	0.22	236.49	10,345.1	-1,106.1	-2,282.0	2,536.0	0.00	0.00	
10,900.0	0.22	236.49	10,445.1	-1,106.3	-2,282.3	2,536.3	0.00	0.00	
11,000.0	0.22	236.49	10,545.1	-1,106.6	-2,282.7	2,536.7	0.00	0.00	
11,010.9	0.22	236.49	10,556.0	-1,106.6	-2,282.7	2,536.8	0.00	0.00	CAMEO_TVD
11,100.0	0.22	236.49	10,645.1	-1,106.8	-2,283.0	2,537.1	0.00	0.00	
11,200.0	0.22	236.49	10,745.1	-1,107.0	-2,283.3	2,537.5	0.00	0.00	
11,300.0	0.22	236.49	10,845.1	-1,107.2	-2,283.6	2,537.9	0.00	0.00	
11,400.0	0.22	236.49	10,945.1	-1,107.4	-2,284.0	2,538.3	0.00	0.00	
11,484.9	0.22	236.49	11,030.0	-1,107.6	-2,284.2	2,538.6	0.00	0.00	ROLLINS_TVD
11,500.0	0.22	236.49	11,045.1	-1,107.6	-2,284.3	2,538.7	0.00	0.00	
11,600.0	0.22	236.49	11,145.1	-1,107.9	-2,284.6	2,539.1	0.00	0.00	
11,700.0	0.22	236.49	11,245.1	-1,108.1	-2,284.9	2,539.4	0.00	0.00	
11,736.9	0.22	236.49	11,282.0	-1,108.2	-2,285.1	2,539.6	0.00	0.00	COZZETTE_TVD
11,800.0	0.22	236.49	11,345.1	-1,108.3	-2,285.3	2,539.8	0.00	0.00	
11,900.0	0.22	236.49	11,445.1	-1,108.5	-2,285.6	2,540.2	0.00	0.00	
11,923.9	0.22	236.49	11,469.0	-1,108.6	-2,285.7	2,540.3	0.00	0.00	CORCORAN_TVD
12,000.0	0.22	236.49	11,545.1	-1,108.7	-2,285.9	2,540.6	0.00	0.00	
12,100.0	0.22	236.49	11,645.1	-1,108.9	-2,286.2	2,541.0	0.00	0.00	
12,200.0	0.22	236.49	11,745.1	-1,109.2	-2,286.6	2,541.4	0.00	0.00	
12,228.9	0.22	236.49	11,774.0	-1,109.2	-2,286.7	2,541.5	0.00	0.00	UPPER_SEGO_TVD
12,300.0	0.22	236.49	11,845.1	-1,109.4	-2,286.9	2,541.8	0.00	0.00	
12,378.9	0.22	236.49	11,924.0	-1,109.5	-2,287.2	2,542.1	0.00	0.00	SEGO_BASE_TARGET_TVD
12,400.0	0.22	236.49	11,945.1	-1,109.6	-2,287.2	2,542.2	0.00	0.00	
12,500.0	0.22	236.49	12,045.1	-1,109.8	-2,287.6	2,542.5	0.00	0.00	
12,528.9	0.22	236.49	12,074.0	-1,109.9	-2,287.6	2,542.7	0.00	0.00	Drillers TD @ 12,528' MD - E34 496 8509C-33
12,600.0	0.22	236.49	12,145.1	-1,110.0	-2,287.9	2,542.9	0.00	0.00	
12,678.9	0.22	236.49	12,224.0	-1,110.2	-2,288.1	2,543.2	0.00	0.00	Permit TD @ 12,678' MD

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well 8509C-33 E34 496
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	WELL @ 8324.0ft (Original Well Elev)
Project:	Story Gulch	MD Reference:	WELL @ 8324.0ft (Original Well Elev)
Site:	S33-T4S-R96W (E34 496)	North Reference:	True
Well:	8509C-33 E34 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	DD		
Design:	Plan #1		

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
E34 496 8509C-33 TGT	0.00	0.00	7,443.0	-1,099.9	-2,272.6	1,675,148.75	2,248,723.91	39° 39' 24.398 N	108° 10' 7.328 W
- plan hits target center									
- Point									
E34 496 8509C-33 PBH	0.00	0.00	12,074.0	-1,109.9	-2,287.6	1,675,139.23	2,248,708.58	39° 39' 24.300 N	108° 10' 7.520 W
- plan hits target center									
- Rectangle (sides W30.0 H50.0 D0.0)									

Formations						
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction	
(ft)	(ft)			(°)	(°)	
1,195.4	1,160.0	A_GROOVE_TVD				
1,365.9	1,319.0	B_GROOVE_TVD				
1,406.7	1,357.0	B_GROOVE_BASE_TVD				
2,340.5	2,228.0	GARDEN_GULCH_TVD				
3,441.6	3,255.0	WASATCH_FM_TVD				
5,681.3	5,344.0	WASATCH_G_TVD				
7,897.9	7,443.0	WILLIAMS_FORK_TVD				
11,010.9	10,556.0	CAMEO_TVD				
11,484.9	11,030.0	ROLLINS_TVD				
11,736.9	11,282.0	COZZETTE_TVD				
11,923.9	11,469.0	CORCORAN_TVD				
12,228.9	11,774.0	UPPER_SEGO_TVD				
12,378.9	11,924.0	SEGO_BASE_TARGET_TVD				

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	
200.0	200.0	0.0	0.0	KOP @ 200'
904.6	888.7	-56.0	-115.7	EOB; Inc=21.14°
7,193.3	6,754.3	-1,043.9	-2,156.9	Start Drop -3.00
7,897.9	7,443.0	-1,099.9	-2,272.6	EOD; Inc=0°
12,528.9	12,074.0	-1,099.9	-2,272.7	Drillers TD @ 12,528' MD
12,678.9	12,224.0	-1,109.9	-2,287.6	Permit TD @ 12,678' MD