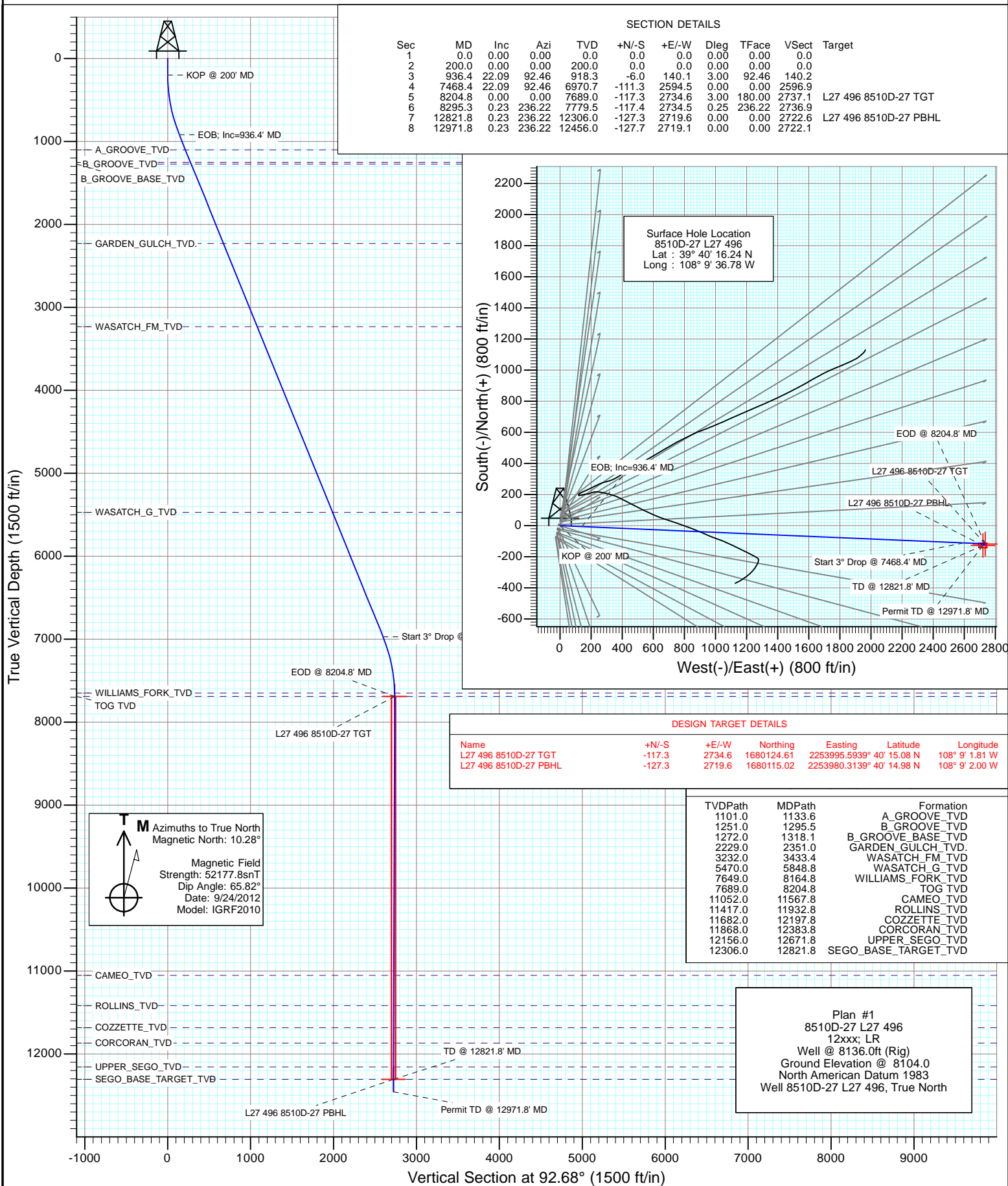
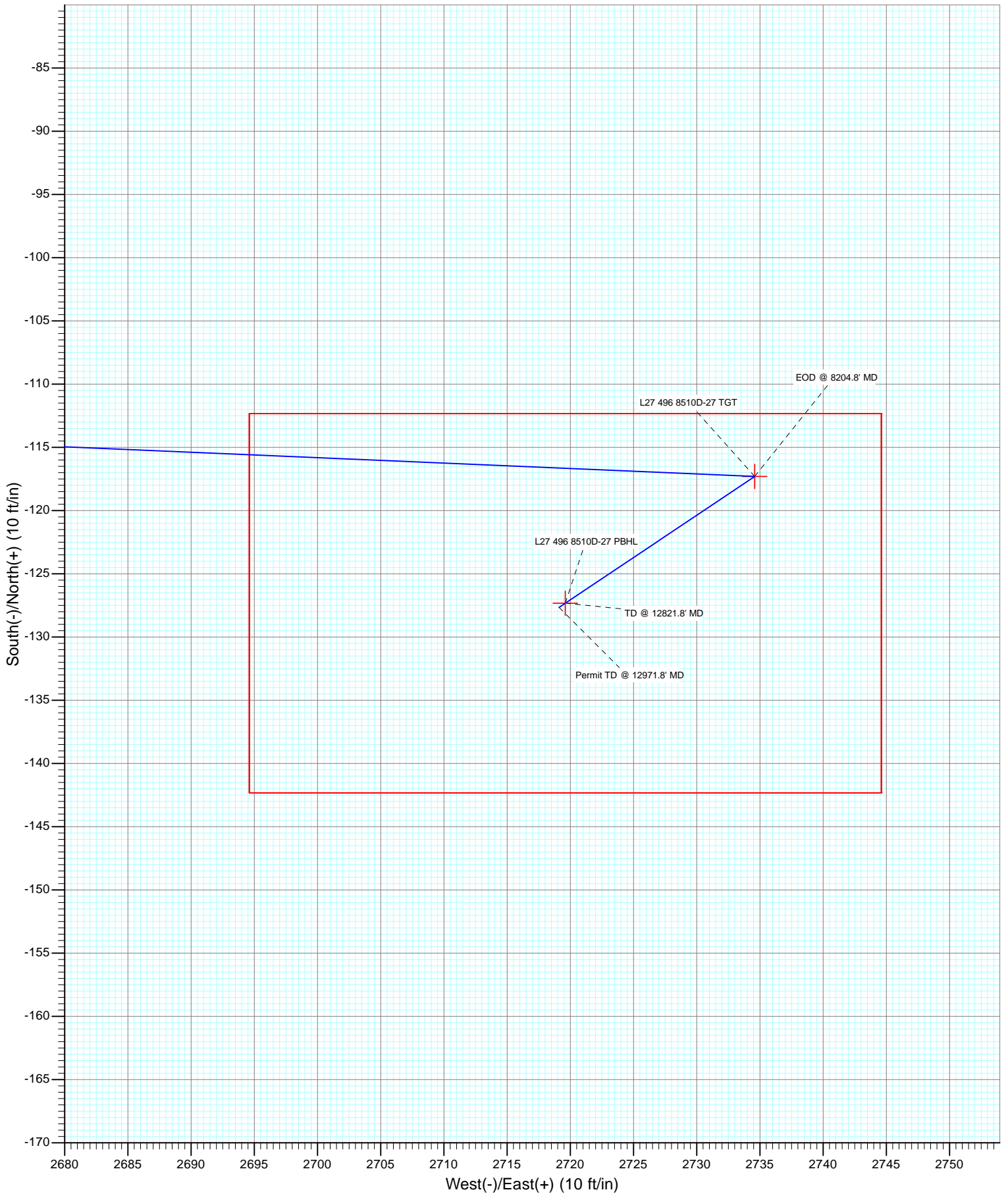




Project: Story Gulch
Site: S27-T4S-R96W (L27 496)
Well: 8510D-27 L27 496
Wellbore: DD
Design: Plan #1





Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well 8510D-27 L27 496
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	Well @ 8136.0ft (Rig)
Project:	Story Gulch	MD Reference:	Well @ 8136.0ft (Rig)
Site:	S27-T4S-R96W (L27 496)	North Reference:	True
Well:	8510D-27 L27 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	S27-T4S-R96W (L27 496)			
Site Position:		Northing:	1,680,404.44 ft	Latitude: 39° 40' 17.06 N
From:	Lat/Long	Easting:	2,251,282.88 ft	Longitude: 108° 9' 36.59 W
Position Uncertainty:	0.0 ft	Slot Radius:	13.200 in	Grid Convergence: -1.68 °

Well	8510D-27 L27 496			
Well Position	+N/-S	0.0 ft	Northing:	1,680,321.92 ft
	+E/-W	0.0 ft	Easting:	2,251,265.60 ft
Position Uncertainty	0.0 ft		Wellhead Elevation:	ft
			Ground Level:	8,104.0 ft

Wellbore	DD				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	9/24/2012	10.28	65.82	52,178

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	92.68

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	
936.4	22.09	92.46	918.3	-6.0	140.1	3.00	3.00	0.00	92.46	
7,468.4	22.09	92.46	6,970.7	-111.3	2,594.5	0.00	0.00	0.00	0.00	
8,204.8	0.00	0.00	7,689.0	-117.3	2,734.6	3.00	-3.00	0.00	180.00	L27 496 8510D-27 TC
8,295.3	0.23	236.22	7,779.5	-117.4	2,734.5	0.25	0.25	-136.85	236.22	
12,821.8	0.23	236.22	12,306.0	-127.3	2,719.6	0.00	0.00	0.00	0.00	L27 496 8510D-27 PE
12,971.8	0.23	236.22	12,456.0	-127.7	2,719.1	0.00	0.00	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well 8510D-27 L27 496
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	Well @ 8136.0ft (Rig)
Project:	Story Gulch	MD Reference:	Well @ 8136.0ft (Rig)
Site:	S27-T4S-R96W (L27 496)	North Reference:	True
Well:	8510D-27 L27 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' MD
300.0	3.00	92.46	300.0	-0.1	2.6	2.6	3.00	3.00	
400.0	6.00	92.46	399.6	-0.4	10.5	10.5	3.00	3.00	
500.0	9.00	92.46	498.8	-1.0	23.5	23.5	3.00	3.00	
600.0	12.00	92.46	597.1	-1.8	41.7	41.7	3.00	3.00	
700.0	15.00	92.46	694.3	-2.8	65.0	65.1	3.00	3.00	
800.0	18.00	92.46	790.2	-4.0	93.4	93.5	3.00	3.00	
900.0	21.00	92.46	884.4	-5.4	126.7	126.9	3.00	3.00	
936.4	22.09	92.46	918.3	-6.0	140.1	140.2	3.00	3.00	EOB; Inc=936.4' MD
1,000.0	22.09	92.46	977.2	-7.0	164.0	164.1	0.00	0.00	
1,100.0	22.09	92.46	1,069.9	-8.6	201.6	201.7	0.00	0.00	
1,133.6	22.09	92.46	1,101.0	-9.2	214.2	214.4	0.00	0.00	A_GROOVE_TVD
1,200.0	22.09	92.46	1,162.5	-10.3	239.1	239.4	0.00	0.00	
1,295.5	22.09	92.46	1,251.0	-11.8	275.0	275.3	0.00	0.00	B_GROOVE_TVD
1,300.0	22.09	92.46	1,255.2	-11.9	276.7	277.0	0.00	0.00	
1,318.1	22.09	92.46	1,272.0	-12.2	283.5	283.8	0.00	0.00	B_GROOVE_BASE_TVD
1,400.0	22.09	92.46	1,347.9	-13.5	314.3	314.6	0.00	0.00	
1,500.0	22.09	92.46	1,440.5	-15.1	351.9	352.2	0.00	0.00	
1,600.0	22.09	92.46	1,533.2	-16.7	389.4	389.8	0.00	0.00	
1,700.0	22.09	92.46	1,625.8	-18.3	427.0	427.4	0.00	0.00	
1,800.0	22.09	92.46	1,718.5	-19.9	464.6	465.0	0.00	0.00	
1,900.0	22.09	92.46	1,811.1	-21.5	502.2	502.6	0.00	0.00	
2,000.0	22.09	92.46	1,903.8	-23.2	539.7	540.2	0.00	0.00	
2,100.0	22.09	92.46	1,996.5	-24.8	577.3	577.8	0.00	0.00	
2,200.0	22.09	92.46	2,089.1	-26.4	614.9	615.5	0.00	0.00	
2,300.0	22.09	92.46	2,181.8	-28.0	652.5	653.1	0.00	0.00	
2,351.0	22.09	92.46	2,229.0	-28.8	671.6	672.2	0.00	0.00	GARDEN_GULCH_TVD.
2,400.0	22.09	92.46	2,274.4	-29.6	690.0	690.7	0.00	0.00	
2,500.0	22.09	92.46	2,367.1	-31.2	727.6	728.3	0.00	0.00	
2,600.0	22.09	92.46	2,459.7	-32.8	765.2	765.9	0.00	0.00	
2,700.0	22.09	92.46	2,552.4	-34.4	802.8	803.5	0.00	0.00	
2,800.0	22.09	92.46	2,645.1	-36.0	840.3	841.1	0.00	0.00	
2,900.0	22.09	92.46	2,737.7	-37.7	877.9	878.7	0.00	0.00	
3,000.0	22.09	92.46	2,830.4	-39.3	915.5	916.3	0.00	0.00	
3,100.0	22.09	92.46	2,923.0	-40.9	953.1	953.9	0.00	0.00	
3,200.0	22.09	92.46	3,015.7	-42.5	990.6	991.5	0.00	0.00	
3,300.0	22.09	92.46	3,108.4	-44.1	1,028.2	1,029.2	0.00	0.00	
3,400.0	22.09	92.46	3,201.0	-45.7	1,065.8	1,066.8	0.00	0.00	
3,433.4	22.09	92.46	3,232.0	-46.3	1,078.4	1,079.3	0.00	0.00	WASATCH_FM_TVD
3,500.0	22.09	92.46	3,293.7	-47.3	1,103.4	1,104.4	0.00	0.00	
3,600.0	22.09	92.46	3,386.3	-48.9	1,140.9	1,142.0	0.00	0.00	
3,700.0	22.09	92.46	3,479.0	-50.6	1,178.5	1,179.6	0.00	0.00	
3,800.0	22.09	92.46	3,571.6	-52.2	1,216.1	1,217.2	0.00	0.00	
3,900.0	22.09	92.46	3,664.3	-53.8	1,253.7	1,254.8	0.00	0.00	
4,000.0	22.09	92.46	3,757.0	-55.4	1,291.2	1,292.4	0.00	0.00	
4,100.0	22.09	92.46	3,849.6	-57.0	1,328.8	1,330.0	0.00	0.00	
4,200.0	22.09	92.46	3,942.3	-58.6	1,366.4	1,367.6	0.00	0.00	
4,300.0	22.09	92.46	4,034.9	-60.2	1,404.0	1,405.3	0.00	0.00	
4,400.0	22.09	92.46	4,127.6	-61.8	1,441.5	1,442.9	0.00	0.00	
4,500.0	22.09	92.46	4,220.2	-63.4	1,479.1	1,480.5	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well 8510D-27 L27 496
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	Well @ 8136.0ft (Rig)
Project:	Story Gulch	MD Reference:	Well @ 8136.0ft (Rig)
Site:	S27-T4S-R96W (L27 496)	North Reference:	True
Well:	8510D-27 L27 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	22.09	92.46	4,312.9	-65.1	1,516.7	1,518.1	0.00	0.00	
4,700.0	22.09	92.46	4,405.6	-66.7	1,554.3	1,555.7	0.00	0.00	
4,800.0	22.09	92.46	4,498.2	-68.3	1,591.8	1,593.3	0.00	0.00	
4,900.0	22.09	92.46	4,590.9	-69.9	1,629.4	1,630.9	0.00	0.00	
5,000.0	22.09	92.46	4,683.5	-71.5	1,667.0	1,668.5	0.00	0.00	
5,100.0	22.09	92.46	4,776.2	-73.1	1,704.6	1,706.1	0.00	0.00	
5,200.0	22.09	92.46	4,868.9	-74.7	1,742.2	1,743.7	0.00	0.00	
5,300.0	22.09	92.46	4,961.5	-76.3	1,779.7	1,781.3	0.00	0.00	
5,400.0	22.09	92.46	5,054.2	-77.9	1,817.3	1,819.0	0.00	0.00	
5,500.0	22.09	92.46	5,146.8	-79.6	1,854.9	1,856.6	0.00	0.00	
5,600.0	22.09	92.46	5,239.5	-81.2	1,892.5	1,894.2	0.00	0.00	
5,700.0	22.09	92.46	5,332.1	-82.8	1,930.0	1,931.8	0.00	0.00	
5,800.0	22.09	92.46	5,424.8	-84.4	1,967.6	1,969.4	0.00	0.00	
5,848.8	22.09	92.46	5,470.0	-85.2	1,985.9	1,987.7	0.00	0.00	WASATCH_G_TVD
5,900.0	22.09	92.46	5,517.5	-86.0	2,005.2	2,007.0	0.00	0.00	
6,000.0	22.09	92.46	5,610.1	-87.6	2,042.8	2,044.6	0.00	0.00	
6,100.0	22.09	92.46	5,702.8	-89.2	2,080.3	2,082.2	0.00	0.00	
6,200.0	22.09	92.46	5,795.4	-90.8	2,117.9	2,119.8	0.00	0.00	
6,300.0	22.09	92.46	5,888.1	-92.5	2,155.5	2,157.4	0.00	0.00	
6,400.0	22.09	92.46	5,980.7	-94.1	2,193.1	2,195.1	0.00	0.00	
6,500.0	22.09	92.46	6,073.4	-95.7	2,230.6	2,232.7	0.00	0.00	
6,600.0	22.09	92.46	6,166.1	-97.3	2,268.2	2,270.3	0.00	0.00	
6,700.0	22.09	92.46	6,258.7	-98.9	2,305.8	2,307.9	0.00	0.00	
6,800.0	22.09	92.46	6,351.4	-100.5	2,343.4	2,345.5	0.00	0.00	
6,900.0	22.09	92.46	6,444.0	-102.1	2,380.9	2,383.1	0.00	0.00	
7,000.0	22.09	92.46	6,536.7	-103.7	2,418.5	2,420.7	0.00	0.00	
7,100.0	22.09	92.46	6,629.4	-105.3	2,456.1	2,458.3	0.00	0.00	
7,200.0	22.09	92.46	6,722.0	-107.0	2,493.7	2,495.9	0.00	0.00	
7,300.0	22.09	92.46	6,814.7	-108.6	2,531.2	2,533.5	0.00	0.00	
7,400.0	22.09	92.46	6,907.3	-110.2	2,568.8	2,571.1	0.00	0.00	
7,468.4	22.09	92.46	6,970.7	-111.3	2,594.5	2,596.9	0.00	0.00	Start 3° Drop @ 7468.4' MD
7,500.0	21.14	92.46	7,000.1	-111.8	2,606.1	2,608.5	3.00	-3.00	
7,600.0	18.14	92.46	7,094.3	-113.2	2,639.7	2,642.1	3.00	-3.00	
7,700.0	15.14	92.46	7,190.1	-114.5	2,668.3	2,670.8	3.00	-3.00	
7,800.0	12.14	92.46	7,287.2	-115.5	2,691.9	2,694.4	3.00	-3.00	
7,900.0	9.14	92.46	7,385.5	-116.3	2,710.4	2,712.8	3.00	-3.00	
8,000.0	6.14	92.46	7,484.6	-116.8	2,723.6	2,726.1	3.00	-3.00	
8,100.0	3.14	92.46	7,584.2	-117.2	2,731.7	2,734.2	3.00	-3.00	
8,164.8	1.20	92.46	7,649.0	-117.3	2,734.2	2,736.7	3.00	-3.00	WILLIAMS_FORK_TVD
8,200.0	0.14	92.46	7,684.2	-117.3	2,734.6	2,737.1	3.00	-3.00	
8,204.8	0.00	0.00	7,689.0	-117.3	2,734.6	2,737.1	3.00	-3.00	EOD @ 8204.8' MD - TOG TVD
8,295.3	0.23	236.22	7,779.5	-117.4	2,734.5	2,736.9	0.25	0.25	
8,300.0	0.23	236.22	7,784.2	-117.4	2,734.4	2,736.9	0.00	0.00	
8,400.0	0.23	236.22	7,884.2	-117.6	2,734.1	2,736.6	0.00	0.00	
8,500.0	0.23	236.22	7,984.2	-117.8	2,733.8	2,736.3	0.00	0.00	
8,600.0	0.23	236.22	8,084.2	-118.1	2,733.5	2,736.0	0.00	0.00	
8,700.0	0.23	236.22	8,184.2	-118.3	2,733.1	2,735.7	0.00	0.00	
8,800.0	0.23	236.22	8,284.2	-118.5	2,732.8	2,735.3	0.00	0.00	
8,900.0	0.23	236.22	8,384.2	-118.7	2,732.5	2,735.0	0.00	0.00	
9,000.0	0.23	236.22	8,484.2	-118.9	2,732.1	2,734.7	0.00	0.00	
9,100.0	0.23	236.22	8,584.2	-119.2	2,731.8	2,734.4	0.00	0.00	
9,200.0	0.23	236.22	8,684.2	-119.4	2,731.5	2,734.1	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well 8510D-27 L27 496
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	Well @ 8136.0ft (Rig)
Project:	Story Gulch	MD Reference:	Well @ 8136.0ft (Rig)
Site:	S27-T4S-R96W (L27 496)	North Reference:	True
Well:	8510D-27 L27 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
9,300.0	0.23	236.22	8,784.2	-119.6	2,731.2	2,733.8	0.00	0.00	
9,400.0	0.23	236.22	8,884.2	-119.8	2,730.8	2,733.4	0.00	0.00	
9,500.0	0.23	236.22	8,984.2	-120.0	2,730.5	2,733.1	0.00	0.00	
9,600.0	0.23	236.22	9,084.2	-120.3	2,730.2	2,732.8	0.00	0.00	
9,700.0	0.23	236.22	9,184.2	-120.5	2,729.8	2,732.5	0.00	0.00	
9,800.0	0.23	236.22	9,284.2	-120.7	2,729.5	2,732.2	0.00	0.00	
9,900.0	0.23	236.22	9,384.2	-120.9	2,729.2	2,731.9	0.00	0.00	
10,000.0	0.23	236.22	9,484.2	-121.1	2,728.9	2,731.5	0.00	0.00	
10,100.0	0.23	236.22	9,584.2	-121.4	2,728.5	2,731.2	0.00	0.00	
10,200.0	0.23	236.22	9,684.2	-121.6	2,728.2	2,730.9	0.00	0.00	
10,300.0	0.23	236.22	9,784.2	-121.8	2,727.9	2,730.6	0.00	0.00	
10,400.0	0.23	236.22	9,884.2	-122.0	2,727.5	2,730.3	0.00	0.00	
10,500.0	0.23	236.22	9,984.2	-122.2	2,727.2	2,730.0	0.00	0.00	
10,600.0	0.23	236.22	10,084.2	-122.5	2,726.9	2,729.6	0.00	0.00	
10,700.0	0.23	236.22	10,184.2	-122.7	2,726.6	2,729.3	0.00	0.00	
10,800.0	0.23	236.22	10,284.2	-122.9	2,726.2	2,729.0	0.00	0.00	
10,900.0	0.23	236.22	10,384.2	-123.1	2,725.9	2,728.7	0.00	0.00	
11,000.0	0.23	236.22	10,484.2	-123.3	2,725.6	2,728.4	0.00	0.00	
11,100.0	0.23	236.22	10,584.2	-123.6	2,725.3	2,728.0	0.00	0.00	
11,200.0	0.23	236.22	10,684.2	-123.8	2,724.9	2,727.7	0.00	0.00	
11,300.0	0.23	236.22	10,784.2	-124.0	2,724.6	2,727.4	0.00	0.00	
11,400.0	0.23	236.22	10,884.2	-124.2	2,724.3	2,727.1	0.00	0.00	
11,500.0	0.23	236.22	10,984.2	-124.4	2,723.9	2,726.8	0.00	0.00	
11,567.8	0.23	236.22	11,052.0	-124.6	2,723.7	2,726.6	0.00	0.00	CAMEO_TVD
11,600.0	0.23	236.22	11,084.2	-124.6	2,723.6	2,726.5	0.00	0.00	
11,700.0	0.23	236.22	11,184.2	-124.9	2,723.3	2,726.1	0.00	0.00	
11,800.0	0.23	236.22	11,284.2	-125.1	2,723.0	2,725.8	0.00	0.00	
11,900.0	0.23	236.22	11,384.2	-125.3	2,722.6	2,725.5	0.00	0.00	
11,932.8	0.23	236.22	11,417.0	-125.4	2,722.5	2,725.4	0.00	0.00	ROLLINS_TVD
12,000.0	0.23	236.22	11,484.2	-125.5	2,722.3	2,725.2	0.00	0.00	
12,100.0	0.23	236.22	11,584.2	-125.7	2,722.0	2,724.9	0.00	0.00	
12,197.8	0.23	236.22	11,682.0	-126.0	2,721.7	2,724.6	0.00	0.00	COZZETTE_TVD
12,200.0	0.23	236.22	11,684.2	-126.0	2,721.6	2,724.6	0.00	0.00	
12,300.0	0.23	236.22	11,784.2	-126.2	2,721.3	2,724.2	0.00	0.00	
12,383.8	0.23	236.22	11,868.0	-126.4	2,721.0	2,724.0	0.00	0.00	CORCORAN_TVD
12,400.0	0.23	236.22	11,884.2	-126.4	2,721.0	2,723.9	0.00	0.00	
12,500.0	0.23	236.22	11,984.2	-126.6	2,720.7	2,723.6	0.00	0.00	
12,600.0	0.23	236.22	12,084.2	-126.8	2,720.3	2,723.3	0.00	0.00	
12,671.8	0.23	236.22	12,156.0	-127.0	2,720.1	2,723.1	0.00	0.00	UPPER_SEGO_TVD
12,700.0	0.23	236.22	12,184.2	-127.1	2,720.0	2,723.0	0.00	0.00	
12,800.0	0.23	236.22	12,284.2	-127.3	2,719.7	2,722.7	0.00	0.00	
12,821.8	0.23	236.22	12,306.0	-127.3	2,719.6	2,722.6	0.00	0.00	TD @ 12821.8' MD - SEGO_BASE_TARGET_1
12,900.0	0.23	236.22	12,384.2	-127.5	2,719.3	2,722.3	0.00	0.00	
12,971.8	0.23	236.22	12,456.0	-127.7	2,719.1	2,722.1	0.00	0.00	Permit TD @ 12971.8' MD

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well 8510D-27 L27 496
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	Well @ 8136.0ft (Rig)
Project:	Story Gulch	MD Reference:	Well @ 8136.0ft (Rig)
Site:	S27-T4S-R96W (L27 496)	North Reference:	True
Well:	8510D-27 L27 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	DD		
Design:	Plan #1		

Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
L27 496 8510D-27 TGT	0.00	0.00	7,689.0	-117.3	2,734.6	1,680,124.61	2,253,995.59	39° 40' 15.08 N	108° 9' 1.81 W
- plan hits target center									
- Point									
L27 496 8510D-27 PBHI	0.00	0.00	12,306.0	-127.3	2,719.6	1,680,115.02	2,253,980.31	39° 40' 14.98 N	108° 9' 2.00 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)			(°)	(°)	
1,133.6	1,101.0	A_GROOVE_TVD				
1,295.5	1,251.0	B_GROOVE_TVD				
1,318.1	1,272.0	B_GROOVE_BASE_TVD				
2,351.0	2,229.0	GARDEN_GULCH_TVD.				
3,433.4	3,232.0	WASATCH_FM_TVD				
5,848.8	5,470.0	WASATCH_G_TVD				
8,164.8	7,649.0	WILLIAMS_FORK_TVD				
8,204.8	7,689.0	TOG TVD				
11,567.8	11,052.0	CAMEO_TVD				
11,932.8	11,417.0	ROLLINS_TVD				
12,197.8	11,682.0	COZZETTE_TVD				
12,383.8	11,868.0	CORCORAN_TVD				
12,671.8	12,156.0	UPPER_SEGO_TVD				
12,821.8	12,306.0	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' MD
936.4	918.3	-6.0	140.1	EOB; Inc=936.4' MD
7,468.4	6,970.7	-111.3	2,594.5	Start 3° Drop @ 7468.4' MD
8,204.8	7,689.0	-117.3	2,734.6	EOD @ 8204.8' MD
12,821.8	12,306.0	-117.4	2,734.5	TD @ 12821.8' MD
12,971.8	12,456.0	-127.3	2,719.6	Permit TD @ 12971.8' MD