



Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well 8508D-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:	8508D-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	8508D-33 E34 496					
Well Position	+N/-S	0.0 ft	Northing:	1,676,257.20 ft	Latitude:	39° 39' 36.020 N
	+E/-W	0.0 ft	Easting:	2,251,040.13 ft	Longitude:	108° 9' 38.140 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	275.04

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	
828.8	18.86	275.32	817.5	9.5	-102.1	3.00	3.00	0.00	275.32	
7,280.3	18.86	275.32	6,922.5	203.0	-2,179.0	0.00	0.00	0.00	0.00	
7,909.1	0.00	0.00	7,540.0	212.5	-2,281.1	3.00	-3.00	0.00	180.00	E34 496 8508D-33 TC
7,954.3	0.23	236.28	7,585.2	212.5	-2,281.2	0.50	0.50	-273.89	236.28	
12,514.1	0.23	236.28	12,145.0	202.5	-2,296.1	0.00	0.00	0.00	0.00	E34 496 8508D-33 Pf
12,664.1	0.23	236.28	12,295.0	202.1	-2,296.6	0.00	0.00	0.00	0.00	

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well 8508D-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:	8508D-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	275.32	300.0	0.2	-2.6	2.6	3.00	3.00	
400.0	6.00	275.32	399.6	1.0	-10.4	10.5	3.00	3.00	
500.0	9.00	275.32	498.8	2.2	-23.4	23.5	3.00	3.00	
600.0	12.00	275.32	597.1	3.9	-41.6	41.7	3.00	3.00	
700.0	15.00	275.32	694.3	6.0	-64.8	65.1	3.00	3.00	
800.0	18.00	275.32	790.2	8.7	-93.1	93.5	3.00	3.00	
828.8	18.86	275.32	817.5	9.5	-102.1	102.6	3.00	3.00	EOB; Inc=18.86°
900.0	18.86	275.32	884.9	11.7	-125.1	125.6	0.00	0.00	
1,000.0	18.86	275.32	979.5	14.6	-157.3	157.9	0.00	0.00	
1,100.0	18.86	275.32	1,074.1	17.6	-189.4	190.3	0.00	0.00	
1,200.0	18.86	275.32	1,168.8	20.6	-221.6	222.6	0.00	0.00	
1,215.0	18.86	275.32	1,183.0	21.1	-226.5	227.5	0.00	0.00	A_GROOVE_TVD
1,300.0	18.86	275.32	1,263.4	23.6	-253.8	254.9	0.00	0.00	
1,382.0	18.86	275.32	1,341.0	26.1	-280.2	281.4	0.00	0.00	B_GROOVE_TVD
1,400.0	18.86	275.32	1,358.0	26.6	-286.0	287.3	0.00	0.00	
1,419.0	18.86	275.32	1,376.0	27.2	-292.1	293.4	0.00	0.00	B_GROOVE_BASE_TVD
1,500.0	18.86	275.32	1,452.7	29.6	-318.2	319.6	0.00	0.00	
1,600.0	18.86	275.32	1,547.3	32.6	-350.4	351.9	0.00	0.00	
1,700.0	18.86	275.32	1,641.9	35.6	-382.6	384.2	0.00	0.00	
1,800.0	18.86	275.32	1,736.5	38.6	-414.8	416.6	0.00	0.00	
1,900.0	18.86	275.32	1,831.2	41.6	-447.0	448.9	0.00	0.00	
2,000.0	18.86	275.32	1,925.8	44.6	-479.2	481.2	0.00	0.00	
2,100.0	18.86	275.32	2,020.4	47.6	-511.4	513.6	0.00	0.00	
2,200.0	18.86	275.32	2,115.1	50.6	-543.5	545.9	0.00	0.00	
2,300.0	18.86	275.32	2,209.7	53.6	-575.7	578.2	0.00	0.00	
2,362.7	18.86	275.32	2,269.0	55.5	-595.9	598.5	0.00	0.00	GARDEN_GULCH_TVD
2,400.0	18.86	275.32	2,304.3	56.6	-607.9	610.6	0.00	0.00	
2,500.0	18.86	275.32	2,398.9	59.6	-640.1	642.9	0.00	0.00	
2,600.0	18.86	275.32	2,493.6	62.6	-672.3	675.2	0.00	0.00	
2,700.0	18.86	275.32	2,588.2	65.6	-704.5	707.5	0.00	0.00	
2,800.0	18.86	275.32	2,682.8	68.6	-736.7	739.9	0.00	0.00	
2,900.0	18.86	275.32	2,777.5	71.6	-768.9	772.2	0.00	0.00	
3,000.0	18.86	275.32	2,872.1	74.6	-801.1	804.5	0.00	0.00	
3,100.0	18.86	275.32	2,966.7	77.6	-833.3	836.9	0.00	0.00	
3,200.0	18.86	275.32	3,061.4	80.6	-865.5	869.2	0.00	0.00	
3,300.0	18.86	275.32	3,156.0	83.6	-897.7	901.5	0.00	0.00	
3,400.0	18.86	275.32	3,250.6	86.6	-929.8	933.9	0.00	0.00	
3,415.2	18.86	275.32	3,265.0	87.1	-934.7	938.8	0.00	0.00	WASATCH_FM_TVD
3,500.0	18.86	275.32	3,345.2	89.6	-962.0	966.2	0.00	0.00	
3,600.0	18.86	275.32	3,439.9	92.6	-994.2	998.5	0.00	0.00	
3,700.0	18.86	275.32	3,534.5	95.6	-1,026.4	1,030.8	0.00	0.00	
3,800.0	18.86	275.32	3,629.1	98.6	-1,058.6	1,063.2	0.00	0.00	
3,900.0	18.86	275.32	3,723.8	101.6	-1,090.8	1,095.5	0.00	0.00	
4,000.0	18.86	275.32	3,818.4	104.6	-1,123.0	1,127.8	0.00	0.00	
4,100.0	18.86	275.32	3,913.0	107.6	-1,155.2	1,160.2	0.00	0.00	
4,200.0	18.86	275.32	4,007.6	110.6	-1,187.4	1,192.5	0.00	0.00	
4,300.0	18.86	275.32	4,102.3	113.6	-1,219.6	1,224.8	0.00	0.00	
4,400.0	18.86	275.32	4,196.9	116.6	-1,251.8	1,257.2	0.00	0.00	
4,500.0	18.86	275.32	4,291.5	119.6	-1,283.9	1,289.5	0.00	0.00	

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well 8508D-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:	8508D-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	18.86	275.32	4,386.2	122.6	-1,316.1	1,321.8	0.00	0.00	
4,700.0	18.86	275.32	4,480.8	125.6	-1,348.3	1,354.2	0.00	0.00	
4,800.0	18.86	275.32	4,575.4	128.6	-1,380.5	1,386.5	0.00	0.00	
4,900.0	18.86	275.32	4,670.1	131.6	-1,412.7	1,418.8	0.00	0.00	
5,000.0	18.86	275.32	4,764.7	134.6	-1,444.9	1,451.1	0.00	0.00	
5,100.0	18.86	275.32	4,859.3	137.6	-1,477.1	1,483.5	0.00	0.00	
5,200.0	18.86	275.32	4,953.9	140.6	-1,509.3	1,515.8	0.00	0.00	
5,300.0	18.86	275.32	5,048.6	143.6	-1,541.5	1,548.1	0.00	0.00	
5,400.0	18.86	275.32	5,143.2	146.6	-1,573.7	1,580.5	0.00	0.00	
5,500.0	18.86	275.32	5,237.8	149.6	-1,605.9	1,612.8	0.00	0.00	
5,600.0	18.86	275.32	5,332.5	152.6	-1,638.1	1,645.1	0.00	0.00	
5,653.4	18.86	275.32	5,383.0	154.2	-1,655.2	1,662.4	0.00	0.00	WASATCH_G_TVD
5,700.0	18.86	275.32	5,427.1	155.6	-1,670.2	1,677.5	0.00	0.00	
5,800.0	18.86	275.32	5,521.7	158.6	-1,702.4	1,709.8	0.00	0.00	
5,900.0	18.86	275.32	5,616.3	161.6	-1,734.6	1,742.1	0.00	0.00	
6,000.0	18.86	275.32	5,711.0	164.6	-1,766.8	1,774.4	0.00	0.00	
6,100.0	18.86	275.32	5,805.6	167.6	-1,799.0	1,806.8	0.00	0.00	
6,200.0	18.86	275.32	5,900.2	170.6	-1,831.2	1,839.1	0.00	0.00	
6,300.0	18.86	275.32	5,994.9	173.6	-1,863.4	1,871.4	0.00	0.00	
6,400.0	18.86	275.32	6,089.5	176.6	-1,895.6	1,903.8	0.00	0.00	
6,500.0	18.86	275.32	6,184.1	179.6	-1,927.8	1,936.1	0.00	0.00	
6,600.0	18.86	275.32	6,278.8	182.6	-1,960.0	1,968.4	0.00	0.00	
6,700.0	18.86	275.32	6,373.4	185.6	-1,992.2	2,000.8	0.00	0.00	
6,800.0	18.86	275.32	6,468.0	188.6	-2,024.4	2,033.1	0.00	0.00	
6,900.0	18.86	275.32	6,562.6	191.6	-2,056.5	2,065.4	0.00	0.00	
7,000.0	18.86	275.32	6,657.3	194.6	-2,088.7	2,097.8	0.00	0.00	
7,100.0	18.86	275.32	6,751.9	197.6	-2,120.9	2,130.1	0.00	0.00	
7,200.0	18.86	275.32	6,846.5	200.6	-2,153.1	2,162.4	0.00	0.00	
7,280.3	18.86	275.32	6,922.5	203.0	-2,179.0	2,188.4	0.00	0.00	Start Drop -3.00
7,300.0	18.27	275.32	6,941.2	203.6	-2,185.2	2,194.6	3.00	-3.00	
7,400.0	15.27	275.32	7,036.9	206.2	-2,213.9	2,223.5	3.00	-3.00	
7,500.0	12.27	275.32	7,134.0	208.5	-2,237.6	2,247.3	3.00	-3.00	
7,600.0	9.27	275.32	7,232.3	210.2	-2,256.3	2,266.0	3.00	-3.00	
7,700.0	6.27	275.32	7,331.3	211.4	-2,269.7	2,279.5	3.00	-3.00	
7,800.0	3.27	275.32	7,431.0	212.2	-2,278.0	2,287.8	3.00	-3.00	
7,900.0	0.27	275.32	7,530.9	212.5	-2,281.1	2,290.9	3.00	-3.00	
7,909.1	0.00	0.00	7,540.0	212.5	-2,281.1	2,290.9	3.00	-3.00	EOD; Inc=0° - WILLIAMS_FORK_TVD - E34 496
7,954.3	0.23	236.28	7,585.2	212.5	-2,281.2	2,291.0	0.50	0.50	
8,000.0	0.23	236.28	7,630.9	212.4	-2,281.3	2,291.2	0.00	0.00	
8,100.0	0.23	236.28	7,730.9	212.1	-2,281.7	2,291.5	0.00	0.00	
8,200.0	0.23	236.28	7,830.9	211.9	-2,282.0	2,291.8	0.00	0.00	
8,300.0	0.23	236.28	7,930.9	211.7	-2,282.3	2,292.1	0.00	0.00	
8,400.0	0.23	236.28	8,030.9	211.5	-2,282.6	2,292.4	0.00	0.00	
8,500.0	0.23	236.28	8,130.9	211.3	-2,283.0	2,292.7	0.00	0.00	
8,600.0	0.23	236.28	8,230.9	211.0	-2,283.3	2,293.0	0.00	0.00	
8,700.0	0.23	236.28	8,330.9	210.8	-2,283.6	2,293.3	0.00	0.00	
8,800.0	0.23	236.28	8,430.9	210.6	-2,283.9	2,293.6	0.00	0.00	
8,900.0	0.23	236.28	8,530.9	210.4	-2,284.3	2,293.9	0.00	0.00	
9,000.0	0.23	236.28	8,630.9	210.2	-2,284.6	2,294.2	0.00	0.00	
9,100.0	0.23	236.28	8,730.9	209.9	-2,284.9	2,294.5	0.00	0.00	
9,200.0	0.23	236.28	8,830.9	209.7	-2,285.3	2,294.8	0.00	0.00	
9,300.0	0.23	236.28	8,930.9	209.5	-2,285.6	2,295.2	0.00	0.00	

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well 8508D-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:	8508D-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	0.23	236.28	9,030.9	209.3	-2,285.9	2,295.5	0.00	0.00	
9,500.0	0.23	236.28	9,130.9	209.1	-2,286.2	2,295.8	0.00	0.00	
9,600.0	0.23	236.28	9,230.9	208.8	-2,286.6	2,296.1	0.00	0.00	
9,700.0	0.23	236.28	9,330.9	208.6	-2,286.9	2,296.4	0.00	0.00	
9,800.0	0.23	236.28	9,430.9	208.4	-2,287.2	2,296.7	0.00	0.00	
9,900.0	0.23	236.28	9,530.9	208.2	-2,287.6	2,297.0	0.00	0.00	
10,000.0	0.23	236.28	9,630.9	208.0	-2,287.9	2,297.3	0.00	0.00	
10,100.0	0.23	236.28	9,730.9	207.8	-2,288.2	2,297.6	0.00	0.00	
10,200.0	0.23	236.28	9,830.9	207.5	-2,288.5	2,297.9	0.00	0.00	
10,300.0	0.23	236.28	9,930.9	207.3	-2,288.9	2,298.2	0.00	0.00	
10,400.0	0.23	236.28	10,030.9	207.1	-2,289.2	2,298.5	0.00	0.00	
10,500.0	0.23	236.28	10,130.9	206.9	-2,289.5	2,298.8	0.00	0.00	
10,600.0	0.23	236.28	10,230.9	206.7	-2,289.8	2,299.2	0.00	0.00	
10,700.0	0.23	236.28	10,330.9	206.4	-2,290.2	2,299.5	0.00	0.00	
10,800.0	0.23	236.28	10,430.9	206.2	-2,290.5	2,299.8	0.00	0.00	
10,900.0	0.23	236.28	10,530.9	206.0	-2,290.8	2,300.1	0.00	0.00	
10,926.1	0.23	236.28	10,557.0	205.9	-2,290.9	2,300.2	0.00	0.00	CAMEO_TVD
11,000.0	0.23	236.28	10,630.9	205.8	-2,291.2	2,300.4	0.00	0.00	
11,100.0	0.23	236.28	10,730.9	205.6	-2,291.5	2,300.7	0.00	0.00	
11,200.0	0.23	236.28	10,830.9	205.3	-2,291.8	2,301.0	0.00	0.00	
11,300.0	0.23	236.28	10,930.9	205.1	-2,292.1	2,301.3	0.00	0.00	
11,400.0	0.23	236.28	11,030.9	204.9	-2,292.5	2,301.6	0.00	0.00	
11,476.1	0.23	236.28	11,107.0	204.7	-2,292.7	2,301.8	0.00	0.00	ROLLINS_TVD
11,500.0	0.23	236.28	11,130.9	204.7	-2,292.8	2,301.9	0.00	0.00	
11,600.0	0.23	236.28	11,230.9	204.5	-2,293.1	2,302.2	0.00	0.00	
11,700.0	0.23	236.28	11,330.9	204.3	-2,293.5	2,302.5	0.00	0.00	
11,717.1	0.23	236.28	11,348.0	204.2	-2,293.5	2,302.6	0.00	0.00	COZZETTE_TVD
11,800.0	0.23	236.28	11,430.9	204.0	-2,293.8	2,302.8	0.00	0.00	
11,900.0	0.23	236.28	11,530.9	203.8	-2,294.1	2,303.1	0.00	0.00	
11,910.1	0.23	236.28	11,541.0	203.8	-2,294.1	2,303.2	0.00	0.00	CORCORAN_TVD
12,000.0	0.23	236.28	11,630.9	203.6	-2,294.4	2,303.5	0.00	0.00	
12,100.0	0.23	236.28	11,730.9	203.4	-2,294.8	2,303.8	0.00	0.00	
12,200.0	0.23	236.28	11,830.9	203.2	-2,295.1	2,304.1	0.00	0.00	
12,214.1	0.23	236.28	11,845.0	203.1	-2,295.1	2,304.1	0.00	0.00	UPPER_SEGO_TVD
12,300.0	0.23	236.28	11,930.9	202.9	-2,295.4	2,304.4	0.00	0.00	
12,364.1	0.23	236.28	11,995.0	202.8	-2,295.6	2,304.6	0.00	0.00	SEGO_BASE_TARGET_TVD
12,400.0	0.23	236.28	12,030.9	202.7	-2,295.8	2,304.7	0.00	0.00	
12,500.0	0.23	236.28	12,130.9	202.5	-2,296.1	2,305.0	0.00	0.00	
12,514.1	0.23	236.28	12,145.0	202.5	-2,296.1	2,305.0	0.00	0.00	Drillers TD @ 12,514' MD - E34 496 8508D-33
12,600.0	0.23	236.28	12,230.9	202.3	-2,296.4	2,305.3	0.00	0.00	
12,664.1	0.23	236.28	12,295.0	202.1	-2,296.6	2,305.5	0.00	0.00	Permit TD @ 12,664' MD

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well 8508D-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:	8508D-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 8508D-33 TGT	0.00	0.00	7,540.0	212.5	-2,281.1	1,676,536.40	2,248,766.23	39° 39' 38.119 N	108° 10' 7.308 W
- plan hits target center									
- Point									
E34 496 8508D-33 PBH	0.00	0.00	12,145.0	202.5	-2,296.1	1,676,526.82	2,248,750.92	39° 39' 38.020 N	108° 10' 7.500 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)			(°)	(°)	
1,215.0	1,183.0	A_GROOVE_TVD				
1,382.0	1,341.0	B_GROOVE_TVD				
1,419.0	1,376.0	B_GROOVE_BASE_TVD				
2,362.7	2,269.0	GARDEN_GULCH_TVD				
3,415.2	3,265.0	WASATCH_FM_TVD				
5,653.4	5,383.0	WASATCH_G_TVD				
7,909.1	7,540.0	WILLIAMS_FORK_TVD				
10,926.1	10,557.0	CAMEO_TVD				
11,476.1	11,107.0	ROLLINS_TVD				
11,717.1	11,348.0	COZZETTE_TVD				
11,910.1	11,541.0	CORCORAN_TVD				
12,214.1	11,845.0	UPPER_SEGO_TVD				
12,364.1	11,995.0	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'
828.8	817.5	9.5	-102.1	EOB; Inc=18.86°
7,280.3	6,922.5	203.0	-2,179.0	Start Drop -3.00
7,909.1	7,540.0	212.5	-2,281.1	EOD; Inc=0°
12,514.1	12,145.0	212.5	-2,281.2	Drillers TD @ 12,514' MD
12,664.1	12,295.0	202.5	-2,296.1	Permit TD @ 12,664' MD