



Scientific Drilling

Rocky Mountain Operations

Company: Chevron
Project: Rio Blanco County, CO (NAD 83)
Site: Emerald



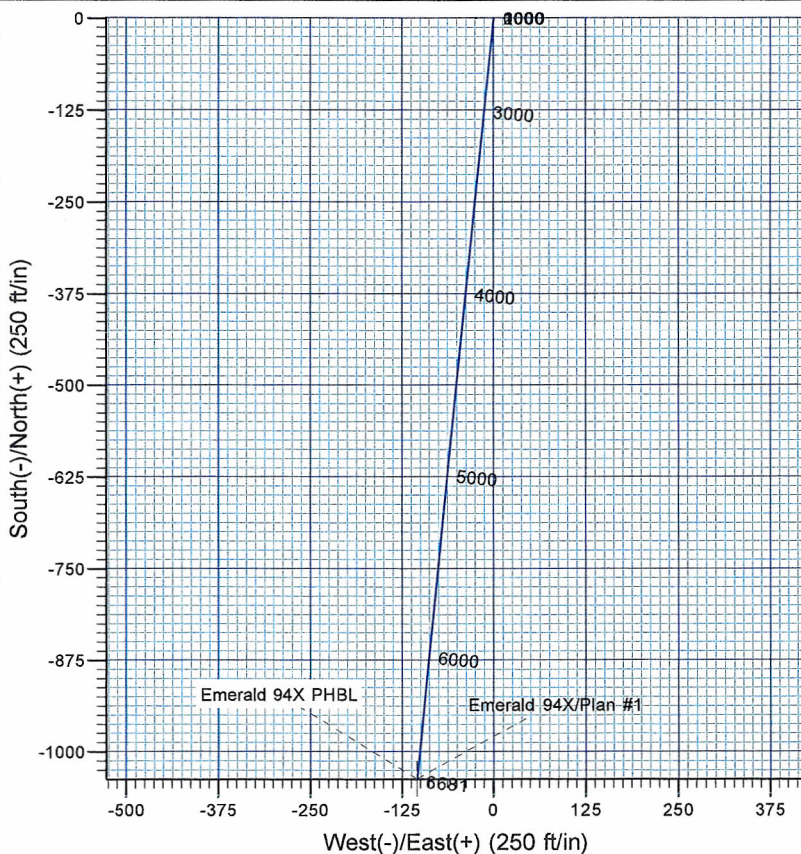
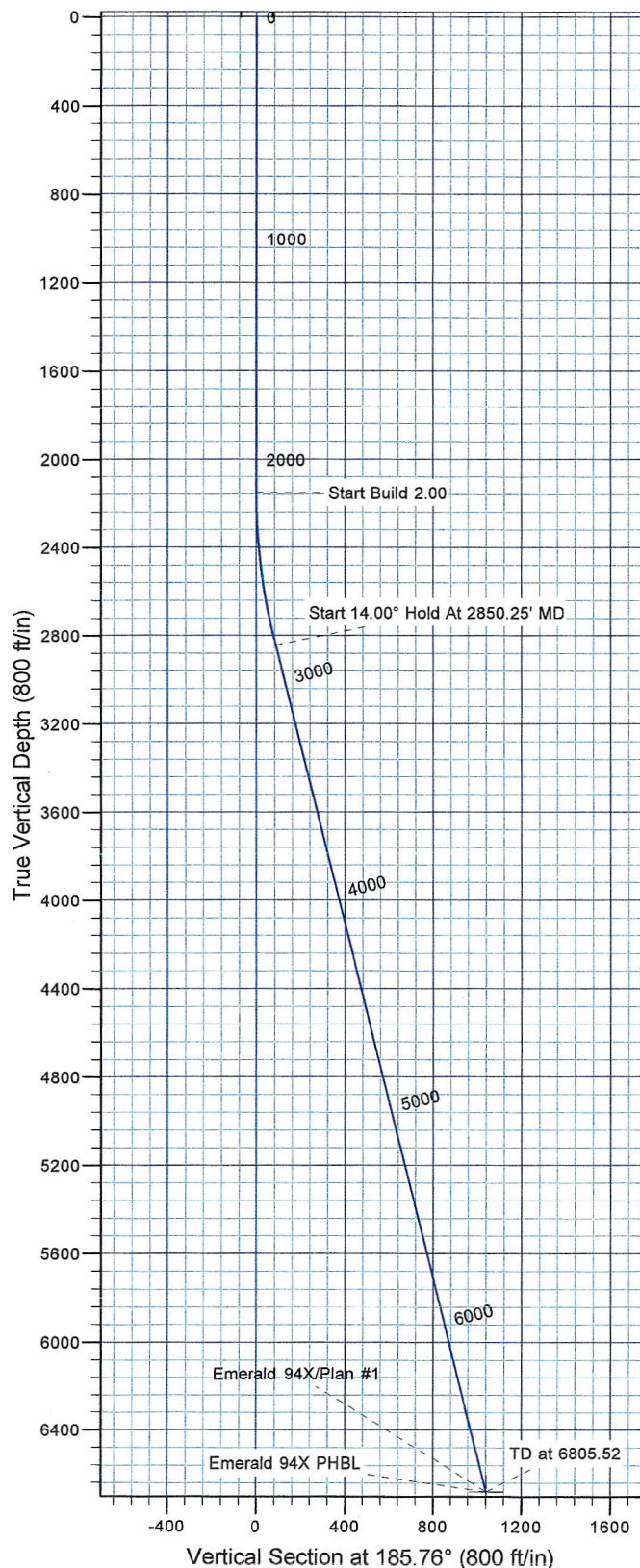
Well Details: Emerald 94X

TVD Reference: GL 5509' & RKB 22' @ 5531.00ft Ground Level: 5509.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1301406.22	2044223.36	40° 6' 36.657 N	108° 55' 4.742 W	

T M Azimuths to True North
Magnetic North: 10.90°

Magnetic Field
Strength: 52558.4snT
Dip Angle: 66.10°
Date: 11/3/2010
Model: IGRF200510



FORMATION TOP DETAILS

No formation data is available

Plan: Plan #1

10:53, November 03 2010
Created By: Rex Hall

PROJECT DETAILS: Rio Blanco County, CO (NAD 83)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Mean Sea Level

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	2150.00	0.00	0.00	2150.00	0.00	0.00	0.00	0.00	0.00	
3	2850.25	14.00	185.76	2843.30	-84.73	-8.55	2.00	185.76	85.16	
4	6805.52	14.00	185.76	6681.00	-1037.09	-104.64	0.00	0.00	1042.36	Emerald 94X PHBL



Scientific Drilling
Rocky Mountain Operations

Chevron

Rio Blanco County, CO (NAD 83)

Emerald

Emerald 94X

OH

Plan: Plan #1

Standard Planning Report

03 November, 2010



Database:	Rockies-R5000.1	Local Co-ordinate Reference:	Well Emerald 94X
Company:	Chevron	TVD Reference:	GL 5509' & RKB 22' @ 5531.00ft
Project:	Rio Blanco County, CO (NAD 83)	MD Reference:	GL 5509' & RKB 22' @ 5531.00ft
Site:	Emerald	North Reference:	True
Well:	Emerald 94X	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Project	Rio Blanco County, CO (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site	Emerald				
Site Position:		Northing:	1,301,340.10 usft	Latitude:	40° 6' 36.000 N
From:	Map	Easting:	2,044,213.50 usft	Longitude:	108° 55' 4.836 W
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in	Grid Convergence:	-2.21 °

Well	Emerald 94X, 1243' FSL & 1055' FEL Sec 26 T2N R103W					
Well Position	+N/-S	66.45 ft	Northing:	1,301,406.21 usft	Latitude:	40° 6' 36.657 N
	+E/-W	7.30 ft	Easting:	2,044,223.35 usft	Longitude:	108° 55' 4.742 W
Position Uncertainty		0.00 ft	Wellhead Elevation:		Ground Level:	5,509.00

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	11/3/2010	10.90	66.10	52,558

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	185.76

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,150.00	0.00	0.00	2,150.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,850.25	14.00	185.76	2,843.30	-84.73	-8.55	2.00	2.00	0.00	185.76	
6,805.52	14.00	-185.76	6,681.00	-1,037.09	-104.64	0.00	0.00	0.00	0.00	Emerald 94X PHBL

Database: Rockies-R5000.1
Company: Chevron
Project: Rio Blanco County, CO (NAD 83)
Site: Emerald
Well: Emerald 94X
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Emerald 94X
TVD Reference: GL 5509' & RKB 22' @ 5531.00ft
MD Reference: GL 5509' & RKB 22' @ 5531.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

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)
0.00	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
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
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
2,150.00	0.00	0.00	2,150.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.00									
2,200.00	1.00	185.76	2,200.00	-0.43	-0.04	0.44	2.00	2.00	0.00
2,300.00	3.00	185.76	2,299.93	-3.91	-0.39	3.93	2.00	2.00	0.00
2,400.00	5.00	185.76	2,399.68	-10.85	-1.09	10.90	2.00	2.00	0.00
2,500.00	7.00	185.76	2,499.13	-21.25	-2.14	21.35	2.00	2.00	0.00
2,600.00	9.00	185.76	2,598.15	-35.09	-3.54	35.27	2.00	2.00	0.00
2,700.00	11.00	185.76	2,696.63	-52.37	-5.28	52.63	2.00	2.00	0.00
2,800.00	13.00	185.76	2,794.44	-73.05	-7.37	73.42	2.00	2.00	0.00
2,850.25	14.00	185.76	2,843.30	-84.73	-8.55	85.16	2.00	2.00	0.00
Start 14.00° Hold At 2850.25' MD									
2,900.00	14.00	185.76	2,891.57	-96.71	-9.76	97.20	0.00	0.00	0.00
3,000.00	14.00	185.76	2,988.60	-120.78	-12.19	121.40	0.00	0.00	0.00
3,100.00	14.00	185.76	3,085.62	-144.86	-14.62	145.60	0.00	0.00	0.00
3,200.00	14.00	185.76	3,182.65	-168.94	-17.05	169.80	0.00	0.00	0.00
3,300.00	14.00	185.76	3,279.68	-193.02	-19.48	194.00	0.00	0.00	0.00
3,400.00	14.00	185.76	3,376.71	-217.10	-21.90	218.20	0.00	0.00	0.00
3,500.00	14.00	185.76	3,473.73	-241.18	-24.33	242.40	0.00	0.00	0.00
3,600.00	14.00	185.76	3,570.76	-265.25	-26.76	266.60	0.00	0.00	0.00
3,700.00	14.00	185.76	3,667.79	-289.33	-29.19	290.80	0.00	0.00	0.00
3,800.00	14.00	185.76	3,764.82	-313.41	-31.62	315.00	0.00	0.00	0.00
3,900.00	14.00	185.76	3,861.84	-337.49	-34.05	339.20	0.00	0.00	0.00
4,000.00	14.00	185.76	3,958.87	-361.57	-36.48	363.40	0.00	0.00	0.00
4,100.00	14.00	185.76	4,055.90	-385.65	-38.91	387.60	0.00	0.00	0.00
4,200.00	14.00	185.76	4,152.93	-409.72	-41.34	411.80	0.00	0.00	0.00
4,300.00	14.00	185.76	4,249.95	-433.80	-43.77	436.00	0.00	0.00	0.00
4,400.00	14.00	185.76	4,346.98	-457.88	-46.20	460.21	0.00	0.00	0.00
4,500.00	14.00	185.76	4,444.01	-481.96	-48.63	484.41	0.00	0.00	0.00
4,600.00	14.00	185.76	4,541.04	-506.04	-51.06	508.61	0.00	0.00	0.00
4,700.00	14.00	185.76	4,638.06	-530.12	-53.49	532.81	0.00	0.00	0.00
4,800.00	14.00	185.76	4,735.09	-554.19	-55.92	557.01	0.00	0.00	0.00
4,900.00	14.00	185.76	4,832.12	-578.27	-58.35	581.21	0.00	0.00	0.00

Database:	Rockies-R5000.1	Local Co-ordinate Reference:	Well Emerald 94X
Company:	Chevron	TVD Reference:	GL 5509' & RKB 22' @ 5531.00ft
Project:	Rio Blanco County, CO (NAD 83)	MD Reference:	GL 5509' & RKB 22' @ 5531.00ft
Site:	Emerald	North Reference:	True
Well:	Emerald 94X	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
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)	Turn Rate (°/100ft)
5,000.00	14.00	185.76	4,929.15	-602.35	-60.78	605.41	0.00	0.00	0.00
5,100.00	14.00	185.76	5,026.17	-626.43	-63.21	629.61	0.00	0.00	0.00
5,200.00	14.00	185.76	5,123.20	-650.51	-65.64	653.81	0.00	0.00	0.00
5,300.00	14.00	185.76	5,220.23	-674.59	-68.06	678.01	0.00	0.00	0.00
5,400.00	14.00	185.76	5,317.26	-698.66	-70.49	702.21	0.00	0.00	0.00
5,500.00	14.00	185.76	5,414.28	-722.74	-72.92	726.41	0.00	0.00	0.00
5,600.00	14.00	185.76	5,511.31	-746.82	-75.35	750.61	0.00	0.00	0.00
5,700.00	14.00	185.76	5,608.34	-770.90	-77.78	774.81	0.00	0.00	0.00
5,800.00	14.00	185.76	5,705.37	-794.98	-80.21	799.01	0.00	0.00	0.00
5,900.00	14.00	185.76	5,802.39	-819.06	-82.64	823.21	0.00	0.00	0.00
6,000.00	14.00	185.76	5,899.42	-843.13	-85.07	847.41	0.00	0.00	0.00
6,100.00	14.00	185.76	5,996.45	-867.21	-87.50	871.61	0.00	0.00	0.00
6,200.00	14.00	185.76	6,093.48	-891.29	-89.93	895.82	0.00	0.00	0.00
6,300.00	14.00	185.76	6,190.50	-915.37	-92.36	920.02	0.00	0.00	0.00
6,400.00	14.00	185.76	6,287.53	-939.45	-94.79	944.22	0.00	0.00	0.00
6,500.00	14.00	185.76	6,384.56	-963.52	-97.22	968.42	0.00	0.00	0.00
6,600.00	14.00	185.76	6,481.59	-987.60	-99.65	992.62	0.00	0.00	0.00
6,700.00	14.00	185.76	6,578.61	-1,011.68	-102.08	1,016.82	0.00	0.00	0.00
6,800.00	14.00	185.76	6,675.64	-1,035.76	-104.51	1,041.02	0.00	0.00	0.00
6,805.52	14.00	185.76	6,681.00	-1,037.09	-104.64	1,042.36	0.00	0.00	0.00
TD at 6805.52									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
Emerald 94X PHBL	0.00	0.00	6,681.00	-1,037.09	-104.64	1,300,373.93	2,044,078.83	40° 6' 26.408 N	108° 55' 6.088 W
- plan hits target center									
- Point									

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
2,150.00	2,150.00	0.00	0.00	Start Build 2.00
2,850.25	2,843.30	-84.73	-8.55	Start 14.00° Hold At 2850.25' MD
6,805.52	6,681.00	-1,037.09	-104.64	TD at 6805.52

Emerald 94X Plan 1 (2).txt

WELLNAME	Emerald 94X					
Vertical	depths are relative to GL 5509' & RKB 22'					
KB-ELEV	5531.00 F					
MD	INC	AZI	TVD	NS	EW	VSEC
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
200.00	0.00	0.00	200.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00
1300.00	0.00	0.00	1300.00	0.00	0.00	0.00
1400.00	0.00	0.00	1400.00	0.00	0.00	0.00
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00
2150.00	0.00	0.00	2150.00	0.00	0.00	0.00
2200.00	1.00	185.76	2200.00	-0.43	-0.04	0.44
2300.00	3.00	185.76	2299.93	-3.91	-0.39	3.93
2400.00	5.00	185.76	2399.68	-10.85	-1.09	10.90
2500.00	7.00	185.76	2499.13	-21.25	-2.14	21.35
2600.00	9.00	185.76	2598.15	-35.09	-3.54	35.27
2700.00	11.00	185.76	2696.63	-52.37	-5.28	52.63
2800.00	13.00	185.76	2794.44	-73.05	-7.37	73.42
2850.25	14.00	185.76	2843.30	-84.73	-8.55	85.16
2900.00	14.00	185.76	2891.57	-96.71	-9.76	97.20
3000.00	14.00	185.76	2988.60	-120.78	-12.19	121.40
3100.00	14.00	185.76	3085.62	-144.86	-14.62	145.60
3200.00	14.00	185.76	3182.65	-168.94	-17.05	169.80
3300.00	14.00	185.76	3279.68	-193.02	-19.48	194.00
3400.00	14.00	185.76	3376.71	-217.10	-21.90	218.20
3500.00	14.00	185.76	3473.73	-241.18	-24.33	242.40
3600.00	14.00	185.76	3570.76	-265.25	-26.76	266.60
3700.00	14.00	185.76	3667.79	-289.33	-29.19	290.80
3800.00	14.00	185.76	3764.82	-313.41	-31.62	315.00
3900.00	14.00	185.76	3861.84	-337.49	-34.05	339.20
4000.00	14.00	185.76	3958.87	-361.57	-36.48	363.40
4100.00	14.00	185.76	4055.90	-385.65	-38.91	387.60
4200.00	14.00	185.76	4152.93	-409.72	-41.34	411.80
4300.00	14.00	185.76	4249.95	-433.80	-43.77	436.00
4400.00	14.00	185.76	4346.98	-457.88	-46.20	460.21
4500.00	14.00	185.76	4444.01	-481.96	-48.63	484.41
4600.00	14.00	185.76	4541.04	-506.04	-51.06	508.61
4700.00	14.00	185.76	4638.06	-530.12	-53.49	532.81
4800.00	14.00	185.76	4735.09	-554.19	-55.92	557.01
4900.00	14.00	185.76	4832.12	-578.27	-58.35	581.21
5000.00	14.00	185.76	4929.15	-602.35	-60.78	605.41
5100.00	14.00	185.76	5026.17	-626.43	-63.21	629.61
5200.00	14.00	185.76	5123.20	-650.51	-65.64	653.81
5300.00	14.00	185.76	5220.23	-674.59	-68.06	678.01
5400.00	14.00	185.76	5317.26	-698.66	-70.49	702.21
5500.00	14.00	185.76	5414.28	-722.74	-72.92	726.41
5600.00	14.00	185.76	5511.31	-746.82	-75.35	750.61

Emerald 94X Plan 1 (2).txt

5700.00	14.00	185.76	5608.34	-770.90	-77.78	774.81
5800.00	14.00	185.76	5705.37	-794.98	-80.21	799.01
5900.00	14.00	185.76	5802.39	-819.06	-82.64	823.21
6000.00	14.00	185.76	5899.42	-843.13	-85.07	847.41
6100.00	14.00	185.76	5996.45	-867.21	-87.50	871.61
6200.00	14.00	185.76	6093.48	-891.29	-89.93	895.82
6300.00	14.00	185.76	6190.50	-915.37	-92.36	920.02
6400.00	14.00	185.76	6287.53	-939.45	-94.79	944.22
6500.00	14.00	185.76	6384.56	-963.52	-97.22	968.42
6600.00	14.00	185.76	6481.59	-987.60	-99.65	992.62
6700.00	14.00	185.76	6578.61	-1011.68	-102.08	1016.82
6800.00	14.00	185.76	6675.64	-1035.76	-104.51	1041.02
6805.52	14.00	185.76	6681.00	-1037.09	-104.64	1042.36

Emerald 94X Plan 1 (2).txt

WELLNAME Emerald 94X
 Vertical depths are relative to GL 5509' & RKB 22'
 KB-ELEV 5531.00 F

MD	INC	AZI	TVD	NS	EW	VSEC
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
200.00	0.00	0.00	200.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00
1300.00	0.00	0.00	1300.00	0.00	0.00	0.00
1400.00	0.00	0.00	1400.00	0.00	0.00	0.00
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00
2150.00	0.00	0.00	2150.00	0.00	0.00	0.00
2200.00	1.00	185.76	2200.00	-0.43	-0.04	0.44
2300.00	3.00	185.76	2299.93	-3.91	-0.39	3.93
2400.00	5.00	185.76	2399.68	-10.85	-1.09	10.90
2500.00	7.00	185.76	2499.13	-21.25	-2.14	21.35
2600.00	9.00	185.76	2598.15	-35.09	-3.54	35.27
2700.00	11.00	185.76	2696.63	-52.37	-5.28	52.63
2800.00	13.00	185.76	2794.44	-73.05	-7.37	73.42
2850.25	14.00	185.76	2843.30	-84.73	-8.55	85.16
2900.00	14.00	185.76	2891.57	-96.71	-9.76	97.20
3000.00	14.00	185.76	2988.60	-120.78	-12.19	121.40
3100.00	14.00	185.76	3085.62	-144.86	-14.62	145.60
3200.00	14.00	185.76	3182.65	-168.94	-17.05	169.80
3300.00	14.00	185.76	3279.68	-193.02	-19.48	194.00
3400.00	14.00	185.76	3376.71	-217.10	-21.90	218.20
3500.00	14.00	185.76	3473.73	-241.18	-24.33	242.40
3600.00	14.00	185.76	3570.76	-265.25	-26.76	266.60
3700.00	14.00	185.76	3667.79	-289.33	-29.19	290.80
3800.00	14.00	185.76	3764.82	-313.41	-31.62	315.00
3900.00	14.00	185.76	3861.84	-337.49	-34.05	339.20
4000.00	14.00	185.76	3958.87	-361.57	-36.48	363.40
4100.00	14.00	185.76	4055.90	-385.65	-38.91	387.60
4200.00	14.00	185.76	4152.93	-409.72	-41.34	411.80
4300.00	14.00	185.76	4249.95	-433.80	-43.77	436.00
4400.00	14.00	185.76	4346.98	-457.88	-46.20	460.21
4500.00	14.00	185.76	4444.01	-481.96	-48.63	484.41
4600.00	14.00	185.76	4541.04	-506.04	-51.06	508.61
4700.00	14.00	185.76	4638.06	-530.12	-53.49	532.81
4800.00	14.00	185.76	4735.09	-554.19	-55.92	557.01
4900.00	14.00	185.76	4832.12	-578.27	-58.35	581.21
5000.00	14.00	185.76	4929.15	-602.35	-60.78	605.41
5100.00	14.00	185.76	5026.17	-626.43	-63.21	629.61
5200.00	14.00	185.76	5123.20	-650.51	-65.64	653.81
5300.00	14.00	185.76	5220.23	-674.59	-68.06	678.01
5400.00	14.00	185.76	5317.26	-698.66	-70.49	702.21
5500.00	14.00	185.76	5414.28	-722.74	-72.92	726.41
5600.00	14.00	185.76	5511.31	-746.82	-75.35	750.61

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5700.00	14.00	185.76	5608.34	-770.90	-77.78	774.81
5800.00	14.00	185.76	5705.37	-794.98	-80.21	799.01
5900.00	14.00	185.76	5802.39	-819.06	-82.64	823.21
6000.00	14.00	185.76	5899.42	-843.13	-85.07	847.41
6100.00	14.00	185.76	5996.45	-867.21	-87.50	871.61
6200.00	14.00	185.76	6093.48	-891.29	-89.93	895.82
6300.00	14.00	185.76	6190.50	-915.37	-92.36	920.02
6400.00	14.00	185.76	6287.53	-939.45	-94.79	944.22
6500.00	14.00	185.76	6384.56	-963.52	-97.22	968.42
6600.00	14.00	185.76	6481.59	-987.60	-99.65	992.62
6700.00	14.00	185.76	6578.61	-1011.68	-102.08	1016.82
6800.00	14.00	185.76	6675.64	-1035.76	-104.51	1041.02
6805.52	14.00	185.76	6681.00	-1037.09	-104.64	1042.36