



REALTIME LOG

Natural Formation Evaluation  
Gamma Ray

Scale:

1:1200

True Vertical Depth

Company: Anadarko E&P

Well: Wishbone 29C-24HZ

Field: Weld County (Kerr McGee)

County Weld State Colorado

Status:

FINAL PRINT

Surface Location:

Latitude: 40° 7' 2.622" N

Longitude: 104° 43' 53.288" W

Other Services:

Directional

API Number:  
05-123-37153

Section:24

TWNS: 2N

Range 66E

Permanent Datum (P.D.): Ground Level

Elevation: 19.00 ft.

Elevations: 19.00 ft.

Log Measured From: Kelly Bushing

19.00 ft. Above P.D.

KB: 19.00 ft.  
DF: N/A  
GL: 5080.00 ft.

Depth Reference: Driller's Depth

GL: 5080.00 ft.

Interval Logged

Top: 6846.0 ft. Date From: 11/Jun/13

Dip Angle: 66.93°

Magnetic Field Reference  
Azi Reference North: True

Bottom: 11959.0 ft. Date To: 18/Jun/13

Total

Mag to Reference

Spud Date: 10/Jun/13

Field Strength: 52959.0 nT

North Correction: 8.41°

Borehole Record

Casing Record

Hole Size	From	To	Size	Weight	From	To
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13,500 in.	Surface	1029.0 ft.	9,600 in.	36.00 lb/ft	Surface	1029.0 ft.
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8,500 in.	1029.0 ft.	7927.0 ft.	7,000 in.	26.00 lb/ft	Surface	7917.0 ft.
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6,125 in.	7927.0 ft.	11999.0 ft.				
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Mud Record

Deviation Record

Type	From	To	Hole Size	Interval	Inc / Az (Start)	Inc / Az (End)
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Water Based	Surface	11999.0 ft.	13,500 in.	Surface	0.0° / 0.0°	0.7° / 142.5°
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			8,500 in.	Vertical/Curve	0.7° / 142.5°	87.4° / 1.0°
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			6,125 in.	Lateral	87.4° / 1.0°	90.2° / 359.5°
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Acquisition System

Software Version

Other

Advantage	2.20U4	Rpt: / Contractor:	XTreme 8	/ XTreme Coil Drilling
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PATS	6.4.1.34	Job No:	5519657	
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		District: / Unit:	Rocky Mountains	/
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Log Run Summary

LWD Run No.	BHA Run No.	Bit Run No.	Bit Size (in.)	Bit Type	Bit Gauge Length (in.)	Assembly Type	Logged Interval		Bit Depth Interval		Date / Time		Circ. Time (hrs.)
							Top (m.)	Bottom (m.)	From (m.)	To (m.)	Start	End	
1	1	2	8.750	PDC		Mud Motor	6846.0	7883.0	6846.0	7927.0	11/Jun/2013 09:00	11/Jun/2014 12:30	43.75
2	2	3	6.125	PDC		Mud Motor	7883.0	7883.0	7927.0	7927.0	14/Jun/2013 16:15	14/Jul/2014 18:40	0.75
3	3	4	6.125	PDC		Mud Motor	7883.0	11959.0	7927.0	11999.0	15/Jun/2013 20:35	18/Jun/2013 00:50	29.14

Crew

Name	Arrive	Depart	Name	Arrive	Depart	Name	Arrive	Depart
	Wellsite	Wellsite		Wellsite	Wellsite		Wellsite	Wellsite
Greg Dore	10/June/13	17/June/13	Kevin Sheridan	10/June/13	17/June/13	Jeremiah Davidson	15/June/13	17/June/13

Mud Properties Record

Date / Time		LWD Run No.	Measured Depth (m.)	Mud Type	Density (sg)	Viscosity (cp)	pH	Fluid Loss (cc)	Oil / Water	Source	Total Chlorides (ppm)	K+
12/June/13	06:30	1	6030.0	Water Based Mud	8.5	26	7.0	N/A	0/99.4	Mud Pit	1300	N/A
15/June/13	05:00	3	7810.0	Water Based Mud	9.7	39	9.0	N/A	0/93	Mud Pit	1800	N/A

Mud Resistivity Record

				Surface				Downhole			
Date / Time		LWD Run No.	Measured Depth (m.)	Surface Temp (deg C)	Rm (ohm.m)	Rmf (ohm.m)	Rmc (ohm.m)	BHCT (deg C)	Rm ⊗ BHCT (ohm.m)	Rmf ⊗ BHCT (ohm.m)	Rmc ⊗ BHCT (ohm.m)
16/Jun/2013	07:16	3	8032.0	70	1.05	N/A	N/A	193	0.40	N/A	N/A
16/Jun/2013	22:15	3	10319.0	74	1.28	N/A	N/A	225	0.43	N/A	N/A
17/Jun/2013	04:15	3	10970.0	64	1.37	N/A	N/A	234	0.39	N/A	N/A

Mnemonics

Curve	Description	Units
CACHM	Conductivity (AT) (LS) 2 MHZ – Compensated Borehole Corrected	mho/o
GRAX	Gamma Ray Apparent, 0.5 ft. Avg	API
GRIX	Gamma Ray Data Density	points
GRAM	Gamma Ray Apparent, 0.5 ft. Avg	API
GRIM	Gamma Ray Data Density	points
GRTX	Gamma Time Since Drilled	min
RACHM	Resistivity (AT) (LS) 2 MHZ – Compensated Borehole Corrected	ohm.m
RACLM	Resistivity (AT) (LS) 400 kHz – Compensated Borehole Corrected	ohm.m
RPCHM	Resistivity (PD) (LS) 2 MHZ – Compensated Borehole Corrected	ohm.m
RPCLM	Resistivity (PD) (LS) 400 kHz – Compensated Borehole Corrected	ohm.m
RPSIHM	Resistivity Slide Indicator	unitless
RPTHM	Time Since Drilled (RPCHM)	min
TCDM	Downhole Temperature	degF
TCDX	Downhole Temperature	degF
ROP_AVG	Rate of Penetration, 3.0 ft. Avg	ft/hr

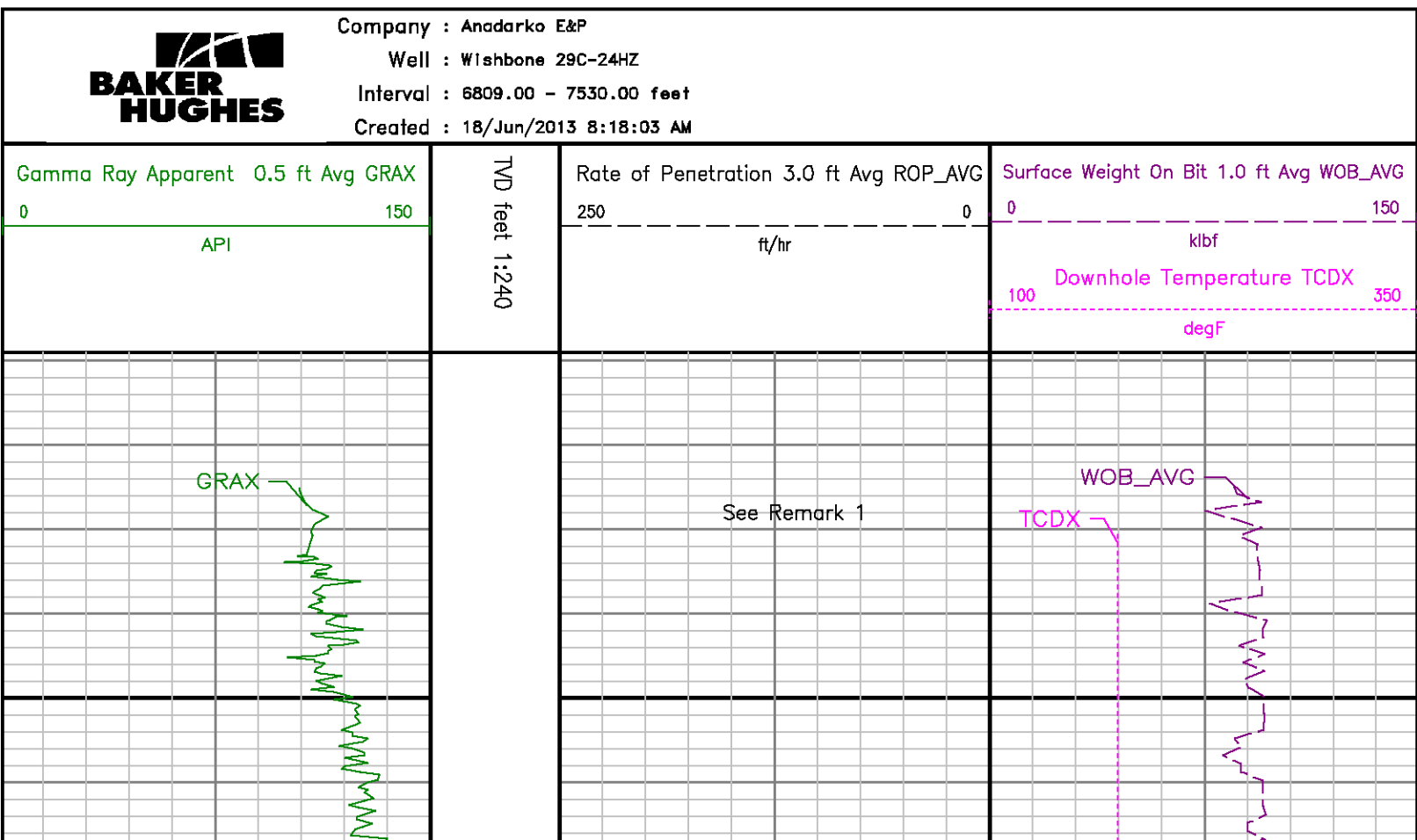
Equipment and Service Data

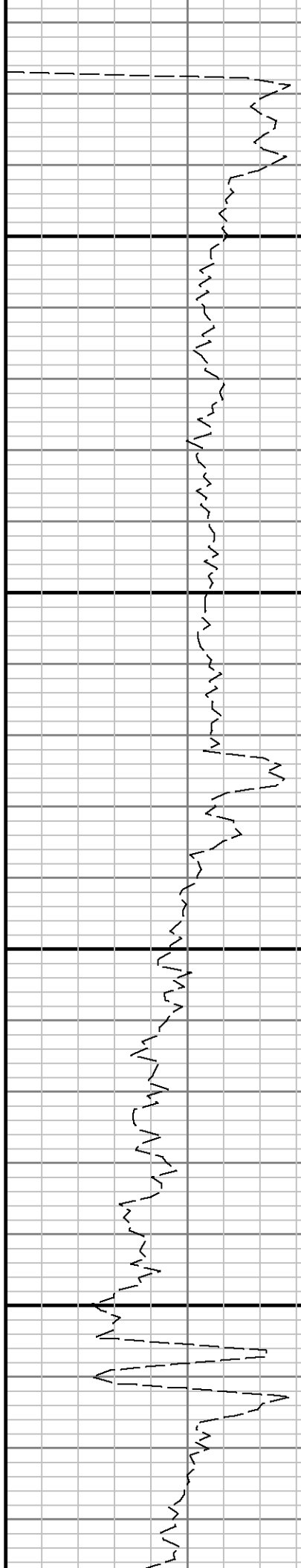
LWD Run No.	Tool	Serial Number	Measurement	Bit Offset (m.)	Max O.D. (in.)	Min I.D. (in.)
1	DIR	12323378	Directional	47.09	6.750	3.500
1	SRIG	10473320	Gamma	43.71	6.750	0.000
2	CS	12161789	-	76.18	4.900	1.750
2	BCPM	12638199	Telemetry	65.08	5.140	1.750
2	STAB	11883702	-	62.19	0.000	1.750
2	OTK	11790139	Directional	56.49	5.066	1.750
2	OTK	11790139	Resistivity	43.31	5.066	1.750

2	OTK	11790139	Resistivity	43.31	5.066	1.750
2	OTK	11790139	Gamma	51.80	5.066	1.750
2	OTK	11790139	Pressure	47.75	5.066	1.750
2	CS	10607808	-	37.40	5.000	1.750
3	CS	10568716	-	72.72	4.880	0.000
3	BCPM	12505248	Telemetry	61.76	5.140	0.000
3	STAB	10354300	-	58.94	0.000	1.750
3	OTK	10266171	Directional	54.40	4.843	2.569
3	OTK	10266171	Resistivity	48.43	4.843	2.569
3	OTK	10266171	Gamma	41.24	4.843	2.569
3	OTK	10266171	Pressure	43.87	4.843	2.569
3	CS	1043208	-	37.42	4.960	0.000

### Service and Tool Mnemonics

Mnemonic	Name	Description
BCPM	BCPM	Mud pulse telemetry and downhole tool power module
DIR	Directional	Wellbore directional survey
OTK	OnTrak	Propagation resistivity, propagation conductivity, gamma ray, directional, annular pressure, system memory and VSS
SRIG	Inclination and Gamma	Probe based gamma ray and inclination module
STAB	Stabilizer	Stabilizer assembly
CS	Closure Sub	BHA power ring isolator allowing insertion of inert sub into electrically powered BHA



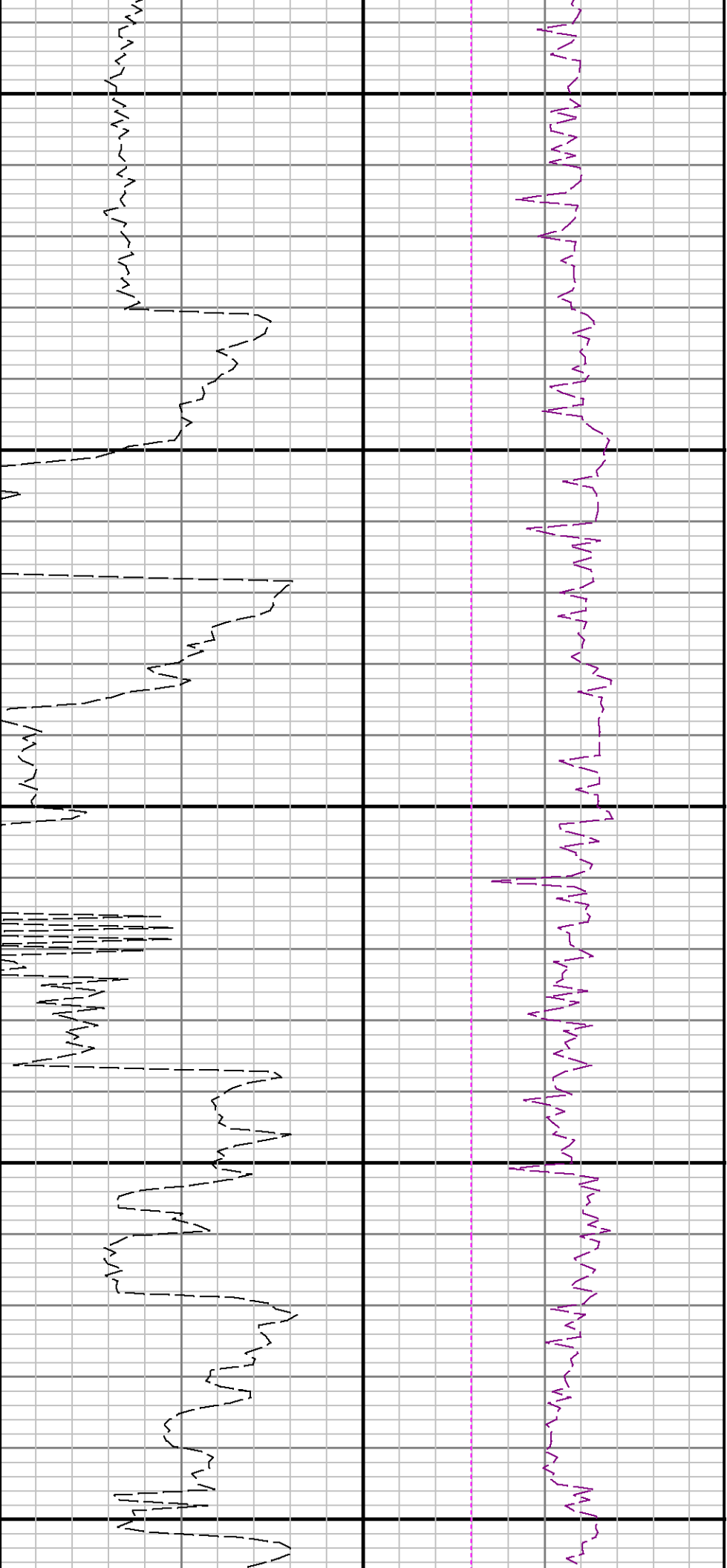


6900

7000



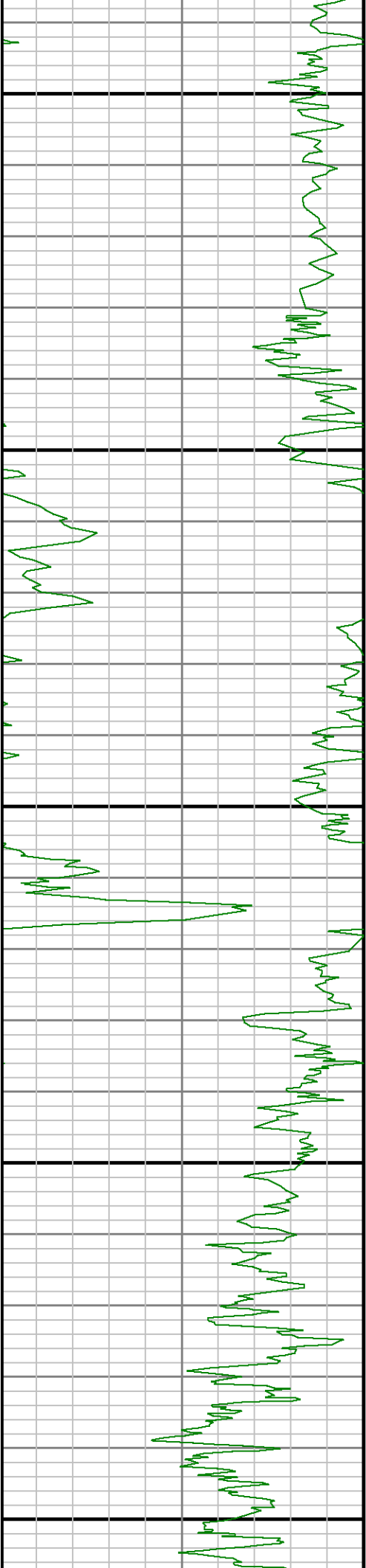
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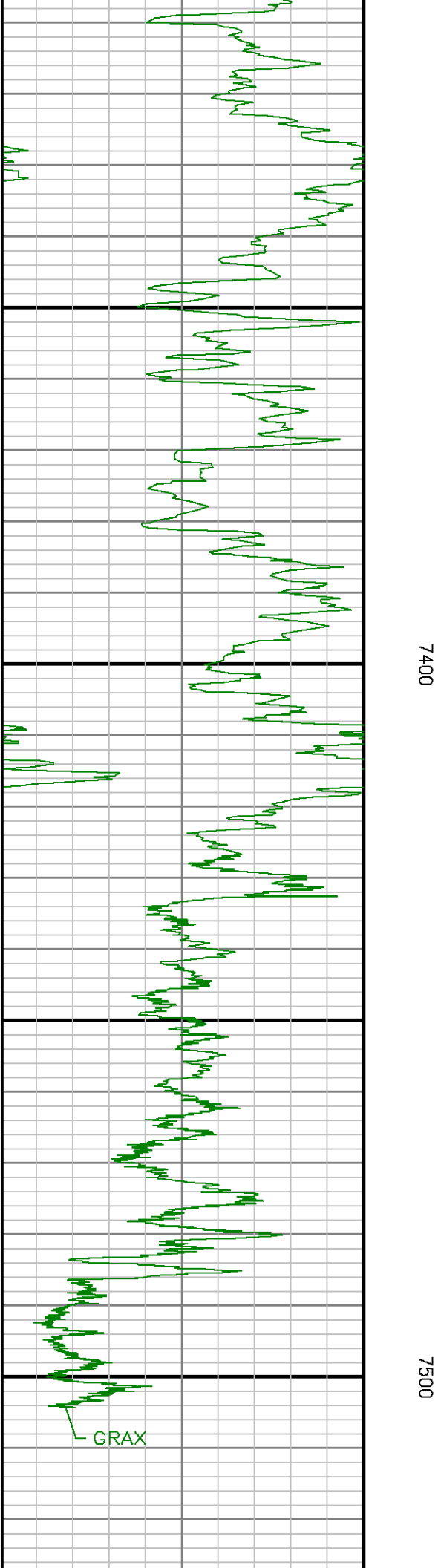
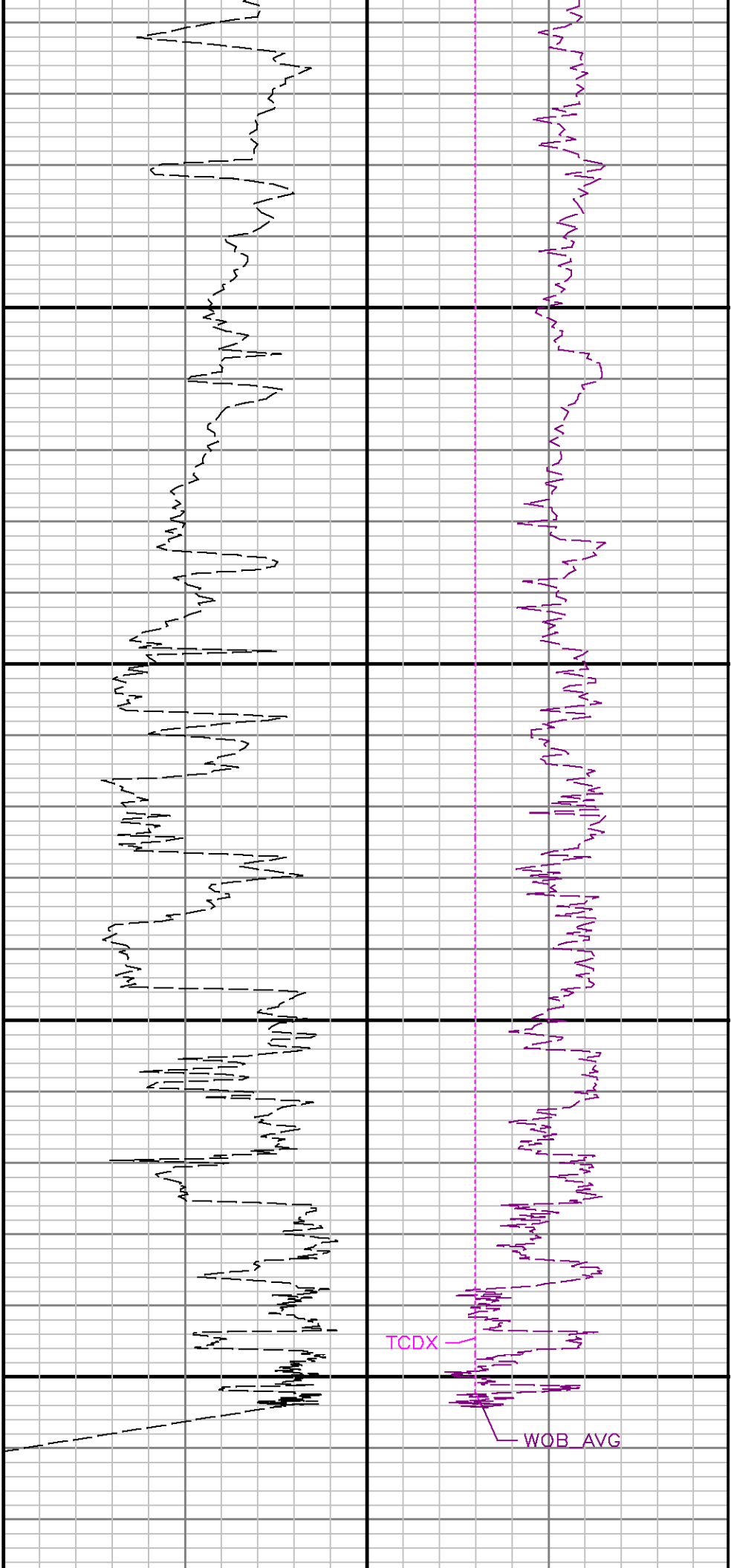


7100

7200

7300





ADVANTAGE   Field Survey Listing												
Operator   :Anadarko E&P				Field        : Weld County (Kerr McGee)				API No    : 05-123-37153				
Well        :Wishbone 29C-24HZ				Rig         : XTreme 8				Job        :5519657				
Wellbore   :Wishbone 29C-24HZ Orig Hole												
Well Origin												
Latitude		40.1174 deg				Longitude		-104.7315 deg				
North Reference		True				Drill Depth Zero		NULL				
Vertical Datum is		Ground Level				Vertical Datum to DDZ		19.00 ft				
Vertical Section North		0.00 ft				Vertical Section East		0.00 ft				
Vertical Section Azimuth		0.3300 deg				Vertical Section Depth		0.00ft				
Grid Convergence		0.0000 deg				Magnetic Declination		8.4100 deg				
Total Correction		8.4100 deg				TVD Calculation Method		Minimal Curvature				
D-Raw Calculation		Magcorr1				Local Magnetic Field		52959 nT				
Local Magnetic Dip Angle		86.9300 deg				Local Gravity Field		9.801 m/s^2				
Tie	MD ft	Incl deg	Azim deg	North ft	East ft	TVD ft	VS ft	Incr VS ft	Crs Len ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft
U	0.00	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00				
	952.00	0.8500	142.5400	0.14	5.75	951.97	0.17		952.00			
	1069.00	0.9200	138.2700	-1.09	6.78	1068.96	-1.05	1.60	117.00	0.24	0.23	-3.65
	1160.00	2.6500	173.8100	-3.72	7.49	1159.91	-3.68	4.33	91.00	2.17	1.90	39.05
	1251.00	4.2100	166.5800	-9.07	8.49	1250.75	-9.02	9.77	91.00	1.78	1.71	-7.95
	1342.00	6.7000	166.4800	-17.48	10.51	1341.33	-17.42	18.42	91.00	2.74	2.74	-0.11
	1432.00	8.8800	164.0700	-29.26	13.65	1430.49	-29.18	30.61	90.00	2.45	2.42	-2.68
	1523.00	10.8700	157.7400	-43.82	18.76	1520.17	-43.71	46.04	91.00	2.29	1.97	-6.96
	1614.00	10.7800	157.4800	-59.47	25.22	1609.58	-59.33	62.97	91.00	0.13	0.12	-0.29
	1705.00	11.4200	158.9700	-75.74	31.71	1698.88	-75.56	80.49	91.00	0.77	0.70	1.64
1795.00	10.2900	154.8900	-91.34	38.32	1787.27	-91.12	97.43	90.00	1.52	-1.26	-4.53	
1886.00	9.9900	161.2100	-106.17	44.31	1876.85	-105.92	113.43	91.00	1.27	-0.33	6.95	
1977.00	9.9700	161.2500	-121.10	49.38	1966.47	-120.82	129.20	91.00	0.02	-0.02	0.04	
2068.00	8.7500	160.7800	-135.10	54.19	2056.26	-134.79	144.00	91.00	1.34	-1.34	-0.52	
2158.00	8.6900	163.1300	-148.07	58.42	2145.22	-147.73	157.64	90.00	0.40	-0.07	2.61	
2249.00	8.7800	163.2900	-161.30	62.41	2235.16	-160.94	171.46	91.00	0.10	0.10	0.18	
2310.00	8.5300	163.8400	-170.11	65.01	2295.47	-169.73	180.64	61.00	0.43	-0.41	0.90	
2400.00	9.1800	159.8100	-183.25	69.35	2384.40	-182.85	194.48	90.00	1.00	0.72	-4.48	
2491.00	8.3700	158.8300	-196.24	74.24	2474.33	-195.81	208.37	91.00	0.91	-0.89	-1.08	
2582.00	7.7300	158.2900	-208.11	78.90	2564.43	-207.65	221.11	91.00	0.71	-0.70	-0.59	
2673.00	7.3200	159.1900	-219.21	83.22	2654.65	-218.73	233.03	91.00	0.47	-0.45	0.99	
2763.00	6.5800	159.4500	-229.40	87.07	2743.99	-228.89	243.92	90.00	0.82	-0.82	0.29	
2854.00	5.8400	158.7800	-238.45	90.52	2834.47	-237.92	253.60	91.00	1.04	-1.03	-0.74	
2939.00	4.9400	159.5500	-245.77	93.31	2919.11	-245.23	261.44	85.00	0.83	-0.82	0.91	
3025.00	4.6300	164.4200	-252.59	95.53	3004.81	-252.03	268.61	86.00	0.59	-0.36	5.66	

	3110.00	4.2600	163.7400	-258.92	97.34	3089.55	-258.36	275.19	85.00	0.44	-0.44	-0.80
	3195.00	2.8700	174.1800	-264.07	98.44	3174.39	-263.50	280.46	85.00	1.80	-1.64	12.28
	3280.00	1.4000	181.0400	-267.22	98.64	3259.33	-266.65	283.62	85.00	1.75	-1.73	8.07
	3366.00	0.4000	350.9200	-267.98	98.57	3345.32	-267.41	284.38	86.00	2.09	-1.16	197.53
	3451.00	0.4600	159.1200	-268.00	98.64	3430.32	-267.43	284.46	85.00	1.01	0.07	197.88
	3792.00	0.3900	272.7900	-269.23	97.97	3771.31	-268.66	285.85	341.00	0.21	-0.02	33.33
	4133.00	1.0400	353.5200	-266.10	96.47	4112.29	-265.54	289.33	341.00	0.31	0.19	23.67
	4474.00	1.4400	39.1200	-259.70	98.82	4453.22	-259.12	296.14	341.00	0.30	0.12	13.37
	4815.00	1.0100	25.7000	-253.66	102.83	4794.14	-253.07	303.39	341.00	0.15	-0.13	-3.94
	5156.00	1.3800	270.1600	-250.94	100.02	5135.10	-250.36	307.29	341.00	0.60	0.11	-33.88
	5242.00	1.4300	202.9700	-251.93	98.57	5221.08	-251.36	309.05	86.00	1.81	0.06	-78.13
	5327.00	1.9000	203.9900	-254.19	97.58	5306.04	-253.63	311.52	85.00	0.55	0.55	1.20
	5412.00	1.1000	193.4200	-256.27	96.82	5391.01	-255.71	313.73	85.00	0.99	-0.94	-12.44
	5753.00	1.4400	220.3200	-262.72	93.29	5731.93	-262.18	321.09	341.00	0.20	0.10	7.89
	5838.00	0.5500	162.8300	-263.93	92.72	5816.92	-263.39	322.42	85.00	1.45	-1.05	-67.64
	6009.00	0.8800	209.8900	-265.59	92.45	5987.91	-265.06	324.11	171.00	0.30	0.08	27.52
	6094.00	0.8700	126.2900	-266.41	92.72	6072.90	-265.87	324.97	85.00	1.23	0.22	-98.35
	6265.00	1.0600	100.9500	-267.48	95.32	6243.88	-266.93	327.78	171.00	0.27	0.11	-14.82
	6606.00	0.8000	123.8200	-269.40	100.40	6584.84	-268.82	333.21	341.00	0.13	-0.08	6.71
	6776.00	0.3700	149.6600	-270.54	101.66	6754.83	-269.95	334.90	170.00	0.29	-0.25	15.20
	6862.00	0.3500	154.3300	-271.02	101.91	6840.83	-270.42	335.44	86.00	0.04	-0.02	5.43
	6904.00	1.1600	22.6500	-270.74	102.13	6882.82	-270.15	335.80	42.00	3.37	1.93	-313.52
	6947.00	5.5600	6.7200	-268.27	102.54	6925.74	-267.67	338.30	43.00	10.36	10.23	-37.05
	6990.00	11.0300	9.7800	-262.14	103.49	6968.27	-261.54	344.50	43.00	12.76	12.72	7.12
	7032.00	15.8700	12.4600	-252.57	105.41	7009.11	-251.96	354.27	42.00	11.62	11.52	6.38
Tie	MD ft	Incl deg	Azim deg	North ft	East ft	TVD ft	VS ft	Incr VS ft	Crs Len ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft
	7075.00	21.6100	13.8400	-239.13	108.58	7049.81	-238.50	368.07	43.00	13.39	13.35	3.21
	7118.00	25.8900	7.3600	-222.12	111.67	7089.17	-221.47	385.36	43.00	11.64	9.95	-15.07
	7160.00	31.8400	2.4600	-201.93	113.33	7125.94	-201.28	405.61	42.00	15.23	14.17	-11.67
	7203.00	34.8800	1.9700	-178.31	114.24	7161.85	-177.65	429.26	43.00	7.10	7.07	-1.14
	7246.00	36.3000	1.8000	-153.30	115.06	7196.82	-152.63	454.28	43.00	3.31	3.30	-0.40
	7288.00	36.1200	1.1300	-128.49	115.69	7230.71	-127.83	479.09	42.00	1.04	-0.43	-1.60
	7331.00	38.0300	358.6900	-102.58	115.64	7265.01	-101.91	505.01	43.00	5.61	4.44	-5.67
	7374.00	41.4600	357.8400	-75.10	114.80	7298.07	-74.44	532.50	43.00	8.08	7.98	-1.98
	7416.00	45.7400	358.1900	-46.16	113.80	7328.48	-45.51	561.45	42.00	10.21	10.19	0.83
	7459.00	50.6400	358.6700	-14.13	112.93	7357.14	-13.48	593.50	43.00	11.43	11.40	1.12
	7501.00	56.9200	359.9100	19.73	112.52	7381.94	20.38	627.36	42.00	15.14	14.95	2.95
	7544.00	61.0900	0.5700	56.58	112.68	7404.08	57.23	664.21	43.00	9.79	9.70	1.53
	7587.00	63.6900	0.6300	94.68	113.08	7424.01	95.33	702.31	43.00	6.05	6.05	0.14
	7629.00	65.5300	1.0500	132.62	113.64	7442.02	133.27	740.25	42.00	4.47	4.38	1.00
	7672.00	68.8400	1.3800	172.24	114.48	7458.69	172.89	779.88	43.00	7.73	7.70	0.77
	7715.00	71.9300	1.2600	212.73	115.41	7473.12	213.39	820.38	43.00	7.19	7.19	-0.28
	7757.00	75.2700	1.4200	253.00	116.36	7484.98	253.67	860.67	42.00	7.96	7.95	0.38
	7800.00	78.5600	2.3600	294.86	117.74	7494.71	295.53	902.55	43.00	7.94	7.65	2.19
	7842.00	83.5100	1.6200	336.30	119.18	7501.25	336.98	944.02	42.00	11.91	11.79	-1.76
	7878.00	87.4100	0.9800	372.17	119.99	7504.10	372.86	979.90	36.00	10.98	10.83	-1.78
	7950.00	89.0200	0.4200	444.13	120.87	7506.35	444.82	1051.86	72.00	2.37	2.24	-0.78
	7992.00	88.9200	0.6200	486.12	121.25	7507.10	486.81	1093.66	42.00	0.53	-0.24	0.48
	8078.00	89.0200	0.6400	572.10	122.20	7508.65	572.80	1179.84	86.00	0.12	0.12	0.02
	8163.00	88.8900	0.0900	657.09	122.74	7510.20	657.78	1264.83	85.00	0.66	-0.15	-0.65
	8248.00	88.8900	359.9600	742.07	122.77	7511.84	742.77	1349.81	85.00	0.15	0.00	-0.15
	8334.00	89.3800	359.2500	828.06	122.18	7513.14	828.75	1435.80	86.00	1.00	0.57	-0.83
	8419.00	89.4500	359.5300	913.05	121.28	7514.01	913.73	1520.80	85.00	0.34	0.08	0.33
	8504.00	89.9300	359.0500	998.04	120.22	7514.47	998.72	1605.79	85.00	0.80	0.56	-0.56
	8589.00	90.7900	359.8900	1083.03	119.44	7513.94	1083.70	1690.79	85.00	1.41	1.01	0.99



	8875.00	89.7800	359.4700	1169.03	118.96	7513.51	1169.70	1776.79	86.00	1.27	-1.17	-0.49
	8780.00	89.8100	359.9600	1254.03	118.53	7513.81	1254.69	1861.79	85.00	0.58	0.04	0.58
	8845.00	89.9100	358.5800	1339.02	117.45	7514.02	1339.67	1946.79	85.00	1.63	0.12	-1.62
	8930.00	89.8800	358.6500	1424.00	115.40	7514.18	1424.64	2031.79	85.00	0.09	-0.04	0.08
	9016.00	89.9300	358.8400	1509.97	113.51	7514.32	1510.60	2117.79	86.00	0.23	0.06	0.22
	9101.00	89.9000	358.7900	1594.96	111.76	7514.44	1595.57	2202.79	85.00	0.07	-0.04	-0.06
	9186.00	90.1200	358.2800	1679.93	109.58	7514.43	1680.53	2287.79	85.00	0.65	0.26	-0.60
	9272.00	90.3000	357.8500	1765.88	106.68	7514.11	1766.46	2373.78	86.00	0.54	0.21	-0.50
	9357.00	90.0000	358.2400	1850.83	103.78	7513.89	1851.40	2458.78	85.00	0.58	-0.35	0.46
	9527.00	90.6400	2.2900	2020.79	104.56	7512.94	2021.36	2628.74	170.00	2.41	0.38	2.38
	9613.00	90.0900	1.9500	2106.73	107.75	7512.39	2107.31	2714.74	86.00	0.75	-0.64	-0.40
	9698.00	90.4300	1.0100	2191.70	109.94	7512.01	2192.29	2799.74	85.00	1.18	0.40	-1.11
	9783.00	89.4100	1.1600	2276.68	111.55	7512.13	2277.28	2884.74	85.00	1.21	-1.20	0.18
	9868.00	89.5600	1.7400	2361.65	113.70	7512.89	2362.26	2969.74	85.00	0.70	0.18	0.68
	9954.00	89.6600	0.9200	2447.62	115.70	7513.48	2448.25	3055.73	86.00	0.96	0.12	-0.95
	10039.00	89.1900	1.5100	2532.60	117.50	7514.33	2533.23	3140.73	85.00	0.89	-0.55	0.69
	10124.00	89.8700	1.1700	2617.57	119.49	7515.03	2618.22	3225.72	85.00	0.89	0.80	-0.40
	10210.00	89.1300	0.2300	2703.56	120.54	7515.78	2704.21	3311.72	86.00	1.39	-0.86	-1.09
	10295.00	90.7300	0.3000	2788.56	120.93	7515.88	2789.21	3396.72	85.00	1.88	1.88	0.08
	10380.00	90.9500	0.1500	2873.55	121.27	7514.64	2874.20	3481.71	85.00	0.31	0.26	-0.18
	10465.00	91.0700	359.3900	2958.53	120.92	7513.14	2959.18	3566.69	85.00	0.91	0.14	-0.89
Tie	MD ft	Incl deg	Azim deg	North ft	East ft	TVD ft	VS ft	Incr VS ft	Crs Len ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft
	10550.00	91.2300	358.6800	3043.50	119.49	7511.43	3044.14	3651.68	85.00	0.86	0.19	-0.84
	10636.00	90.5500	358.6800	3129.47	117.51	7510.10	3130.09	3737.67	86.00	0.79	-0.79	0.00
	10721.00	89.8700	359.7200	3214.46	116.33	7509.78	3215.08	3822.66	85.00	1.46	-0.80	1.22
	10806.00	89.1600	0.7300	3299.45	116.66	7510.50	3300.07	3907.66	85.00	1.45	-0.84	1.19
	10891.00	89.7500	0.5300	3384.44	117.59	7511.31	3385.06	3992.65	85.00	0.73	0.69	-0.24
	10977.00	89.4100	1.7100	3470.42	119.27	7511.94	3471.05	4078.65	86.00	1.43	-0.40	1.37
	11062.00	89.5600	1.4400	3555.39	121.61	7512.71	3556.03	4163.65	85.00	0.36	0.18	-0.32
	11147.00	90.1200	1.6400	3640.36	123.89	7512.94	3641.01	4248.65	85.00	0.70	0.66	0.24
	11232.00	89.5900	2.6300	3725.30	127.06	7513.16	3725.97	4333.64	85.00	1.32	-0.62	1.16
	11318.00	89.9700	2.2700	3811.22	130.74	7513.49	3811.91	4419.64	86.00	0.61	0.44	-0.42
	11403.00	89.2900	1.9800	3896.16	133.89	7514.04	3896.86	4504.64	85.00	0.87	-0.80	-0.34
	11488.00	89.5400	1.8200	3981.10	136.71	7514.91	3981.83	4589.64	85.00	0.35	0.29	-0.19
	11574.00	89.3800	1.1500	4067.07	138.94	7515.72	4067.80	4675.63	86.00	0.80	-0.19	-0.78
	11659.00	89.9700	1.5000	4152.05	140.90	7516.20	4152.79	4760.63	85.00	0.81	0.69	0.41
	11744.00	90.8000	0.9800	4237.02	142.74	7515.63	4237.78	4845.63	85.00	1.15	0.98	-0.61
	11829.00	89.6300	0.1800	4322.02	143.60	7515.31	4322.77	4930.62	85.00	1.67	-1.38	-0.94
	11942.00	90.1800	359.4800	4435.01	143.27	7515.50	4435.77	5043.62	113.00	0.79	0.49	-0.62
	11999.00	90.1800	359.4800	4492.01	142.75	7515.32	4492.76	5100.62	57.00	0.00	0.00	0.00