

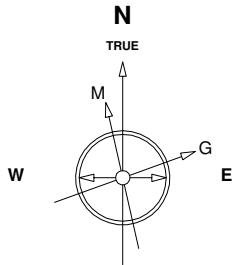
# Great Western Operating Company, LLC

**Location** Colorado  
**Field** Wattenburg  
**Installation** Raindance

**Slot** Slot W-14 - Raindance FD 20-362HNX  
**Well** Raindance FD 20-362HNX  
**Wellbore** Raindance FD 20-362HNX (PWB)

Created by admin  
Date plotted 17-Nov-2016

Plot reference is Raindance FD 20-362HNX (PWB).  
Ref wellpath is Raindance FD 20-362HNX (PWP#1).  
Coordinates are in Feet reference Slot W-14 - Raindance FD 20-362HNX.  
True Vertical Depths are reference Rig Datum.  
Measured Depths are reference Rig Datum.  
Rig Datum: Planned Datum #1  
Rig Datum to Mean Sea Level: 4809.00 ft.  
Plot North is aligned to TRUE North.



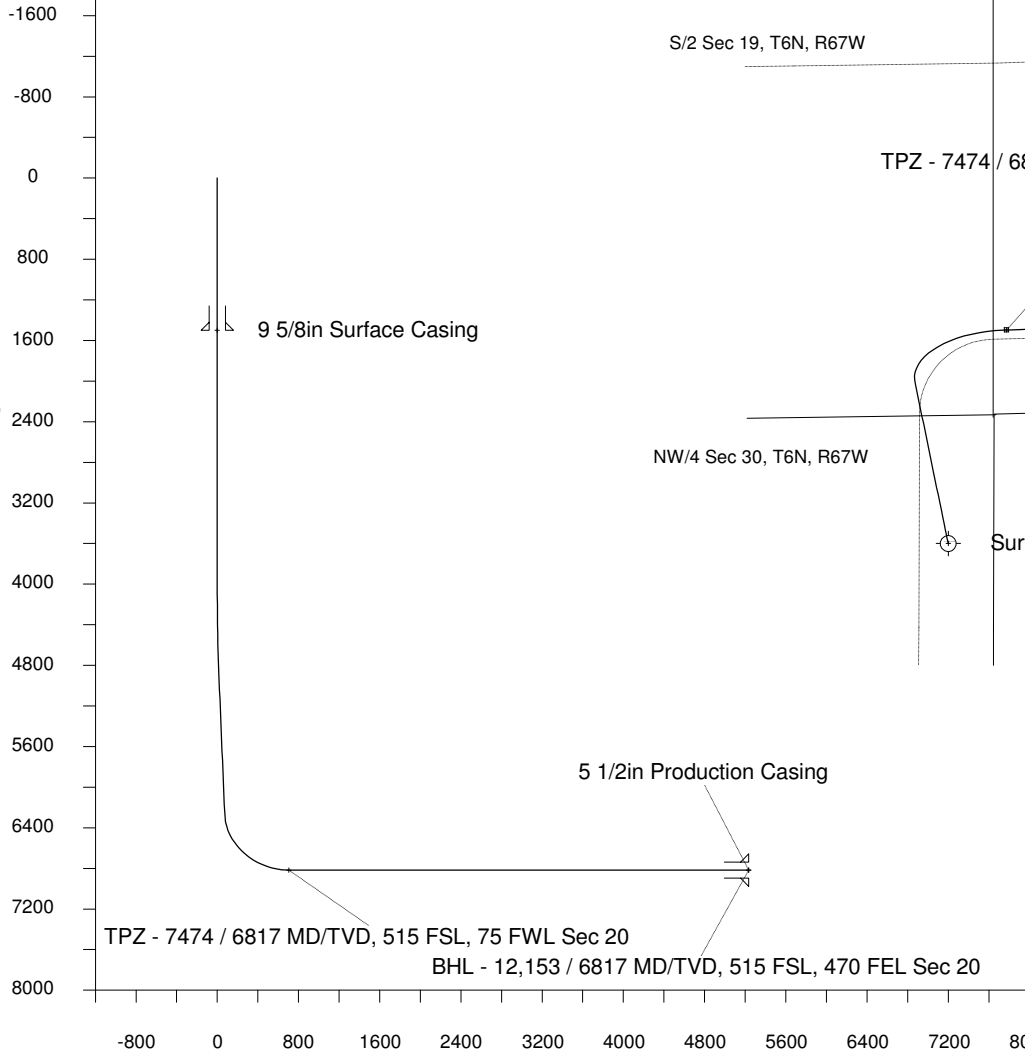
14-Nov-2016  
IGRF Model [1900.0-2020.0] Dip: -29.88 deg Field: 32206.0 nT  
Lat: S0 0 0.0000 Long: E3 0 0.0000 Elev: 4789.00 ft  
Magnetic North is 4.17 deg West of TRUE North  
To correct azimuth from Magnetic to TRUE subtract 4.17 deg

Scale 1 cm = 250 ft

East (Feet) ->

-1000 -500 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500

Scale 1 cm = 400 ft  
True Vertical Depth (Feet)



Scale 1 cm = 400 ft

Vertical Section (Feet) ->

Azimuth 74.15 with reference 0.00 N, 0.00 E from Slot W-14 - Raindance FD 20-362HNX

North(Feet)

Scale 1 cm = 250 ft

## WELL PROFILE DATA

Point	MD	Inc	Azi	TVD	North	East	deg/100ft	V. Sect
Tie on	0.00	0.00	0.00	0.00	S 0.00	W 0.00		0.00
KOP	4007.00	0.00	348.36	4007.00	S 0.00	W 0.00	0.00	0.00
End of Build	5006.88	30.00	348.36	4961.83	N 250.55	W 51.63	9.84	18.75
End of Hold	6522.63	30.00	348.36	6274.55	N 992.75	W 204.57	0.00	74.29
Target TPZ - ...Sec 20	7473.61	90.00	88.59	6817.00	N 1314.82	E 358.38	32.81	703.80
T.D. & Target BHL... 20	12153.46	90.00	88.59	6817.00	N 1429.73	E 5036.82	0.00	5235.81

SYSDRILL  
Closest Approach Summary Report  
Wellbore: Raindance FD 20-362HNN (PWB)  
Wellpath: Raindance FD 20-362HNN (PWP#1)

Ellipse separations are reported ONLY if BOTH wells have uncertainty data  
Only Depth and Magnetic Reference Field error terms are correlated across tie points  
Scan limit is calculated on CENTRE to CENTRE distance

Summary data uses Closest Approach clearance calculation for all minima  
Hole size/Casings ARE included  
Hole size/Casings are NOT subtracted from Centre-Centre distance  
Confidence limit of 95.00% / 2.80 SD.

<b>Wellbore</b>	
Name	Raindance FD 20-362HNN (PWB)
Created	15-Nov-2016
Last Revised	15-Nov-2016
<b>Well</b>	
Name	Raindance FD 20-362HNN
Government ID	
Last Revised	15-Nov-2016
<b>Slot</b>	
Name	Slot W-14 - Raindance FD 20-362HNN
Grid Northing	1411955.597
Grid Easting	3159306.975
Latitude	N40 27 46.1088
Longitude	W104 55 38.8884
North	25561842.300
East	-18483197.570
<b>Installation</b>	
Name	Raindance
Easting	41136929.757
Northing	12284170.646
Map Name	<unknown>
North Alignment	True
<b>Field</b>	
Name	Wattenburg
Easting	41136929.757
Northing	12284170.646
Map Name	<unknown>
North Alignment	Grid

#### Clearance Summary

Offset WellName	Offset Wellbore	Offset Slot	Offset Structure	Separation [ft]	MD[ft]	Diverging From[ft]	Ellipse Separation [ft]	Ellipse MD[ft]	Clearance Factor	Clearance MD[ft]
Raindance FD 20-359HC	Raindance FD 20-359HC (PWB)	Slot W-13 - Raindance FD 20-359HC	Raindance	1.000	6728.070	6728.070	-17.910	6742.130	0.080	6728.070
Raindance FD 20-362HN	Raindance FD 20-362HN (PWB)	Slot W-15 - Raindance FD 20-362HN	Raindance	9.910	4007.000	6643.700	2.870	4007.000	1.410	4007.000
Raindance FC 23-369HC	Raindance FC 23-369HC (PWB)	Slot E-14 - Raindance FC 23-369HC	Raindance	16.380	4003.000	7759.360	9.580	4003.000	2.410	4007.000
Raindance FC 23-392HNN	Raindance FC 23-392HNN (PWB)	Slot E-15 - Raindance FC 23-392HNN	Raindance	19.320	3969.820	6939.670	12.330	4002.620	2.750	4007.000
Raindance FC 23-369HN	Raindance FC 23-369HN (PWB)	Slot E-13 - Raindance FC 23-369HN	Raindance	19.480	3714.500	7597.970	12.910	3714.500	2.970	3714.500
Raindance FD 20-322HN	Raindance FD 20-322HN (PWB)	Slot W-12 - Raindance FD 20-322HN	Raindance	19.500	3687.000	6702.050	12.980	3687.000	2.990	3700.000
Raindance FD 20-399HC	Raindance FD 20-399HC (PWB)	Slot W-16 - Raindance FD 20-399HC	Raindance	19.810	4007.000	12142.090	12.780	4007.000	2.810	4019.030
Raindance FC 26-009HN	Raindance FC 26-009HN (PWB)	Slot E-16 - Raindance FC 26-009HN	Raindance	26.150	3690.940	7111.060	19.620	3700.000	4.000	3723.750
Raindance FC 23-352HN	Raindance FC 23-352HN (PWB)	Slot E-12 - Raindance FC 23-352HN	Raindance	26.210	3459.000	7805.780	20.050	3459.000	3.300	7841.210
Raindance FC 26-169HN	Raindance FC 26-169HN (PWB)	Slot W-09 - Raindance FC 26-169HN	Raindance	30.080	4000.000	4000.000	23.060	4000.000	4.280	4000.000
Raindance FD 20-319HN	Raindance FD 20-319HN (PWB)	Slot W-11 - Raindance FD 20-319HN	Raindance	30.320	3313.000	6749.300	24.410	3313.650	5.120	3330.050
Raindance FC 26-032HN	Raindance FC 26-032HN (PWB)	Slot E-17 - Raindance FC 26-032HN	Raindance	33.400	3742.440	6909.540	26.780	3742.440	5.040	3772.970
Raindance FC 23-329HNN	Raindance FC 23-329HNN (PWB)	Slot E-11 - Raindance FC 23-329HNN	Raindance	34.500	3137.000	7691.310	28.870	3137.000	6.110	3166.010
Raindance FC 26-169HNN	Raindance FC 26-169HNN (PWB)	Slot W-18 - Raindance FC 26-169HNN	Raindance	39.980	3736.000	3736.000	33.380	3736.000	6.050	3756.560
Raindance FD 20-319HNN	Raindance FD 20-319HNN (PWB)	Slot W-10 - Raindance FD 20-319HNN	Raindance	40.220	2957.000	6727.050	34.870	2957.000	7.360	12153.460
Raindance FC 26-032HC	Raindance FC 26-032HC (PWB)	Slot E-18 - Raindance FC 26-032HC	Raindance	41.190	4007.000	8061.960	34.150	4007.000	5.840	4019.030
Raindance FC 23-312HC	Raindance FC 23-312HC (PWB)	Slot E-10 - Raindance FC 23-312HC	Raindance	43.410	3076.000	7904.800	37.880	3076.000	7.810	3100.390
Raindance FC 26-192HC	Raindance FC 26-192HC (PWB)	Slot W-19 - Raindance FC 26-192HC	Raindance	49.880	3611.000	3611.000	43.490	3611.000	7.770	3641.730
Raindance FD 20-282HC	Raindance FD 20-282HC (PWB)	Slot W-09 - Raindance FD 20-282HC	Raindance	50.120	2820.000	6795.480	44.990	2820.000	9.740	2854.330
Raindance FC 26-049HN	Raindance FC 26-049HN (PWB)	Slot E-19 - Raindance FC 26-049HN	Raindance	51.890	3925.000	8000.000	44.980	3937.010	7.470	3969.820
Raindance FC 23-312HN	Raindance FC 23-312HN (PWB)	Slot E-09 - Raindance FC 23-312HN	Raindance	52.800	2750.000	7888.000	47.790	2750.000	10.490	2772.310
Raindance FD 20-282HN	Raindance FD 20-282HN (PWB)	Slot W-08 - Raindance FD 20-282HN	Raindance	59.720	2471.000	6779.690	55.150	2471.000	11.680	12153.460
Raindance FC 26-209HN	Raindance FC 26-209HN (PWB)	Slot W-20 - Raindance FC 26-209HN	Raindance	59.790	3260.000	3260.000	53.950	3260.000	10.200	3300.000
Raindance FC 26-072HNN	Raindance FC 26-072HNN (PWB)	Slot E-20 - Raindance FC 26-072HNN	Raindance	61.180	3740.160	6508.850	54.570	3756.560	9.180	3800.000
Raindance FC 23-289HN	Raindance FC 23-289HN (PWB)	Slot E-08 - Raindance FC 23-289HN	Raindance	62.350	2419.000	7914.070	57.870	2419.000	13.820	2460.630
Raindance FC 26-232HN	Raindance FC 26-232HN (PWB)	Slot W-21 - Raindance FC 26-232HN	Raindance	69.380	2889.000	2889.000	64.140	2889.000	13.160	2936.350
Raindance FD 20-242HN	Raindance FD 20-242HN (PWB)	Slot W-07 - Raindance FD 20-242HN	Raindance	69.620	2091.000	6806.600	65.670	2091.000	14.890	12153.460
Raindance FC 23-289HNN	Raindance FC 23-289HNN (PWB)	Slot E-07 - Raindance FC 23-289HNN	Raindance	71.990	2076.000	7912.580	68.060	2076.000	18.120	2132.550
Raindance FC 26-089HC	Raindance FC 26-089HC (PWB)	Slot E-21 - Raindance FC 26-089HC	Raindance	72.480	3953.410	8218.500	65.520	3969.820	10.300	4019.030
Raindance FC 26-232HNN	Raindance FC 26-232HNN (PWB)	Slot W-22 - Raindance FC 26-232HNN	Raindance	79.280	2530.000	2530.000	74.630	2530.000	16.860	2600.000
Raindance FD 20-242HNN	Raindance FD 20-242HNN (PWB)	Slot W-06 - Raindance FD 20-242HNN	Raindance	79.520	1732.000	6792.080	76.140	1500.000	15.620	12153.460
Raindance FC 23-272HC	Raindance FC 23-272HC (PWB)	Slot E-06 - Raindance FC 23-272HC	Raindance	81.230	1970.000	7878.010	77.480	1970.000	21.320	2034.120
Raindance FC 26-089HN	Raindance FC 26-089HN (PWB)	Slot E-22 - Raindance FC 26-089HN	Raindance	82.070	3707.350	8154.380	75.500	3740.160	12.200	3871.390
Raindance FC 26-249HC	Raindance FC 26-249HC (PWB)	Slot W-23 - Raindance FC 26-249HC	Raindance	90.200	2400.000	2400.000	85.750	2400.000	20.040	2477.030
Raindance FD 20-239HC	Raindance FD 20-239HC (PWB)	Slot W-05 - Raindance FD 20-239HC	Raindance	90.440	1750.000	6840.550	87.040	1750.000	18.400	12153.460
Raindance FC 26-112HN	Raindance FC 26-112HN (PWB)	Slot E-23 - Raindance FC 26-112HN	Raindance	91.620	3646.000	8230.900	85.160	3674.540	13.820	3838.580
Raindance FC 23-249HN	Raindance FC 23-249HN (PWB)	Slot E-05 - Raindance FC 23-249HN	Raindance	91.920	1635.000	7901.220	88.540	1500.000	27.210	1500.000
Raindance FD 20-239HN	Raindance FD 20-239HN (PWB)	Slot W-04 - Raindance FD 20-239HN	Raindance	100.030	1490.000	6824.150	96.670	1492.780	18.360	12153.460
Raindance FC 26-272HN	Raindance FC 26-272HN (PWB)	Slot W-24 - Raindance FC 26-272HN	Raindance	100.100	2052.000	2052.000	96.220	2052.000	25.290	2132.550
Raindance FC 26-112HNN	Raindance FC 26-112HNN (PWB)	Slot E-24 - Raindance FC 26-112HNN	Raindance	101.270	3402.000	8210.550	95.200	3428.480	16.230	3600.000
Raindance FC 23-232HN	Raindance FC 23-232HN (PWB)	Slot E-04 - Raindance FC 23-232HN	Raindance	101.580	1516.000	7883.850	98.200	1500.000	30.060	1500.000
Raindance FC 26-289HN	Raindance FC 26-289HN (PWB)	Slot W-25 - Raindance FC 26-289HN	Raindance	109.700	1679.000	1679.000	106.320	1500.000	32.470	1500.000
Raindance FD 20-202HN	Raindance FD 20-202HN (PWB)	Slot W-03 - Raindance FD 20-202HN	Raindance	109.940	959.000	6844.640	107.430	959.000	22.380	12153.460
Raindance FC 26-129HC	Raindance FC 26-129HC (PWB)	Slot E-25 - Raindance FC 26-129HC	Raindance	111.000	3559.710	8092.170	104.670	3576.120	17.170	3723.750
Raindance FC 23-232HNN	Raindance FC 23-232HNN (PWB)	Slot E-03 - Raindance FC 23-232HNN	Raindance	111.400	1248.000	7909.060	108.430	1248.000	36.350	1361.550
Raindance FC 26-289HNN	Raindance FC 26-289HNN (PWB)	Slot W-26 - Raindance FC 26-289HNN	Raindance	119.600	1319.000	1319.000	116.510	1319.000	37.480	1443.570
Raindance FD 20-202HNN	Raindance FD 20-202HNN (PWB)	Slot W-02 - Raindance FD 20-202HNN	Raindance	119.840	600.000	6840.550	117.910	600.000	23.200	12153.460
Raindance FC 26-152HN	Raindance FC 26-152HN (PWB)	Slot E-26 - Raindance FC 26-152HN	Raindance	120.760	3313.650	8140.700	114.840	3313.650	19.940	3477.690
Raindance FC 23-209HC	Raindance FC 23-209HC (PWB)	Slot E-02 - Raindance FC 23-209HC	Raindance	121.240	985.000	7858.240	118.690	985.000	45.480	1131.890
Raindance FC 26-312HC	Raindance FC 26-312HC (PWB)	Slot W-27 - Raindance FC 26-312HC	Raindance	129.500	1181.100	1181.100	126.640	1181.100	43.320	1345.140
Raindance FC 23-209HN	Raindance FC 23-209HN (PWB)	Slot E-01 - Raindance FC 23-209HN	Raindance	130.680	645.000	7878.420	128.670	645.000	49.530	9169.950

Offset WellName	Offset Wellbore	Offset Slot	Offset Structure	Separation [ft]	MD[ft]	Diverging From[ft]	Ellipse Separation [ft]	Ellipse MD[ft]	Clearance Factor	Clearance MD[ft]
Raindance FC 26-352HNX	Raindance FC 26-352HNX (PWB)	Slot E-27 - Raindance FC 26-352HNX	Raindance	131.400	900.000	900.000	128.980	900.000	51.540	1066.270
Raindance FC 26-312HN	Raindance FC 26-312HN (PWB)	Slot W-28 - Raindance FC 26-312HN	Raindance	140.420	838.000	838.000	138.110	838.000	56.830	1033.460
Raindance FC 26-369HC	Raindance FC 26-369HC (PWB)	Slot E-28 - Raindance FC 26-369HC	Raindance	141.190	800.000	800.000	138.930	800.000	58.680	1000.660
Raindance FC 26-329HN	Raindance FC 26-329HN (PWB)	Slot W-29 - Raindance FC 26-329HN	Raindance	150.020	600.000	600.000	148.090	600.000	70.560	853.020
Raindance FC 26-369HN	Raindance FC 26-369HN (PWB)	Slot E-29 - Raindance FC 26-369HN	Raindance	150.990	700.000	700.000	148.900	700.000	66.580	935.040
GWOGCO - H-Y 20-34	GWOGCO - H-Y 20-34 (AWB)	ZZ-GWOGCO - H-Y 20-34	Raindance	155.530	10661.230	10661.230	107.240	10679.130	3.120	10700.000
Raindance FC 26-392HN	Raindance FC 26-392HN (PWB)	Slot W-30 - Raindance FC 26-392HN	Raindance	159.920	600.000	600.000	157.990	600.000	74.830	885.830
Raindance FC 26-392HNX	Raindance FC 26-392HNX (PWB)	Slot E-30 - Raindance FC 26-392HNX	Raindance	160.800	600.000	600.000	158.870	600.000	75.410	853.020
GWOGCO - H-Y 29-31-2	GWOGCO - H-Y 29-31-2 (AWB)	ZZ-GWOGCO - H-Y 29-31-2	Raindance	498.560	11351.710	11351.710	440.130	11335.300	8.450	11286.090
GWOGCO - H-Y 29-21-3	GWOGCO - H-Y 29-21-3 (AWB)	ZZ-GWOGCO - H-Y 29-21-3	Raindance	505.630	10022.970	10022.970	469.120	10006.560	13.540	9940.940
GWOGCO - H-Y 29-21-4	GWOGCO - H-Y 29-21-4 (AWB)	ZZ-GWOGCO - H-Y 29-21-4	Raindance	513.920	8700.210	8700.210	489.520	8700.210	21.020	8677.820
Extraction - Kodak 03	Extraction - Kodak 03 (AWB)	ZZ-Extraction - Kodak 03	Raindance	635.330	7890.420	9577.500	531.330	7900.000	6.100	7923.230
GWOGCO - Raindance FD 19-21HN	GWOGCO - Raindance FD 19-21HN (AWB)	ZZ-GWOGCO - Raindance FD 19-21HN	Raindance	780.700	6873.360	6873.360	729.440	6889.760	14.310	7037.400
GWOGCO - H-Y 20-53	GWOGCO - H-Y 20-53 (AWB)	ZZ-GWOGCO - H-Y 20-53	Raindance	802.970	8771.000	8771.000	777.090	8776.250	28.070	9219.160
GWOGCO - H-Y 20-54	GWOGCO - H-Y 20-54 (AWB)	ZZ-GWOGCO - H-Y 20-54	Raindance	809.500	11282.470	11282.470	751.180	11318.900	12.920	11515.750
GWOGCO - H-Y 20-23-18	GWOGCO - H-Y 20-23-18 (AWB)	ZZ-GWOGCO - H-Y 20-23-18	Raindance	819.680	10039.370	10039.370	781.450	10072.180	18.660	10367.450
GWOGCO - H-Y 29-31	GWOGCO - H-Y 29-31 (AWB)	ZZ-GWOGCO - H-Y 29-31	Raindance	1171.050	10662.730	10662.730	1124.550	10660.300	25.170	10629.920
GWOGCO - H-Y 20-23	GWOGCO - H-Y 20-23 (AWB)	ZZ-GWOGCO - H-Y 20-23	Raindance	1414.220	9391.480	9391.480	1383.400	9416.010	35.510	10203.410
Extraction - Kodak 06	Extraction - Kodak 06 (AWB)	ZZ-Extraction - Kodak 06	Raindance	1584.830	7865.640	11681.100	1477.750	7874.020	14.790	7923.230
GWOGCO - H-Y 29-52	GWOGCO - H-Y 29-52 (AWB)	ZZ-GWOGCO - H-Y 29-52	Raindance	1694.930	4330.710	8622.300	1683.960	4347.110	76.370	8710.630
GWOGCO - H-Y 29-31-8	GWOGCO - H-Y 29-31-8 (AWB)	ZZ-GWOGCO - H-Y 29-31-8	Raindance	1854.030	9943.680	9943.680	1818.880	9957.350	51.990	10170.600
GWOGCO - H-Y 29-51	GWOGCO - H-Y 29-51 (AWB)	ZZ-GWOGCO - H-Y 29-51	Raindance	1901.000	11266.110	11266.110	1844.250	11269.690	33.250	11433.730
Extraction - Kodak 09	Extraction - Kodak 09 (AWB)	ZZ-Extraction - Kodak 09	Raindance	2016.080	6177.130	7805.640	1915.270	7808.400	18.850	7857.610
GWOGCO - H-Y 29-21	GWOGCO - H-Y 29-21 (AWB)	ZZ-GWOGCO - H-Y 29-21	Raindance	2203.180	25.000	9286.210				
Extraction - Kodak 10	Extraction - Kodak 10 (AWB)	ZZ-Extraction - Kodak 10	Raindance	2593.160	5843.790	9990.160	2505.900	5889.110	25.450	7874.020
KMG - ONYX 13-29	KMG - ONYX 13-29 (AWB)	ZZ-KMG - ONYX 13-29	Raindance	2674.520	4007.000	7905.500	2667.170	4007.000	173.780	10236.220
Walter - THAYER 1-30	Walter - THAYER 1-30 (AWB)	ZZ-Walter - THAYER 1-30	Raindance	2743.750	5875.680	5875.680	2729.930	5921.920	161.550	6800.000
Extraction - Kodak 13	Extraction - Kodak 13 (AWB)	ZZ-Extraction - Kodak 13	Raindance	2849.800	5667.050	10256.240	2761.060	5708.660	28.510	7874.020
Walter - THAYER 2-30	Walter - THAYER 2-30 (AWB)	ZZ-Walter - THAYER 2-30	Raindance	3642.310	4007.000	4007.000	3633.890	4007.000	285.970	6700.000
Extraction - RAINDANCE 7	Extraction - RAINDANCE 7 (AWB)	ZZ-Extraction - RAINDANCE 7	Raindance	4193.720	0.000	11000.290	4192.120	1213.910	63.490	12153.460
Extraction - RAINDANCE 8	Extraction - RAINDANCE 8 (PWB)	ZZ-Extraction - RAINDANCE 8	Raindance	4198.520	2078.000	2078.000	4194.450	2083.330	63.720	12153.460
Extraction - RAINDANCE 1-1-32	Extraction - RAINDANCE 1-1-32 (PWB)	ZZ-Extraction - RAINDANCE 1-1-32	Raindance	4201.540	1826.000	1826.000	4197.880	1837.270	208.070	12024.280
Extraction - RAINDANCE 9	Extraction - RAINDANCE 9 (PWB)	ZZ-Extraction - RAINDANCE 9	Raindance	4207.500	2230.970	2230.970	4203.190	2230.970	65.310	12153.460
Extraction - RAINDANCE 2	Extraction - RAINDANCE 2 (PWB)	ZZ-Extraction - RAINDANCE 2	Raindance	4209.250	1828.000	1828.000	4205.580	1837.270	67.760	12153.460
Extraction - RAINDANCE 3	Extraction - RAINDANCE 3 (PWB)	ZZ-Extraction - RAINDANCE 3	Raindance	4213.450	1509.190	1509.190	4209.930	1500.000	69.910	12153.460
Extraction - RAINDANCE 4	Extraction - RAINDANCE 4 (PWB)	ZZ-Extraction - RAINDANCE 4	Raindance	4217.610	1828.000	1828.000	4213.950	1837.270	71.050	12153.460
Extraction - RAINDANCE 5	Extraction - RAINDANCE 5 (PWB)	ZZ-Extraction - RAINDANCE 5	Raindance	4221.820	1828.000	1828.000	4218.150	1837.270	74.470	12153.460
Extraction - RAINDANCE 6	Extraction - RAINDANCE 6 (PWB)	ZZ-Extraction - RAINDANCE 6	Raindance	4229.830	787.400	787.400	4227.460	787.400	76.530	12153.460
UNKNOWN - KENNETH THAYER 1	UNKNOWN - KENNETH THAYER 1 (AWB)	ZZ-UNKNOWN - KENNETH THAYER 1	Raindance	5531.240	4007.000	4007.000	5522.660	4007.000	399.170	6725.720
UNI OIL - MACLOUGHAN 25-1	UNI OIL - MACLOUGHAN 25-1 (AWB)	ZZ-UNI OIL - MACLOUGHAN 25-1	Raindance	8186.070	4007.000	4007.000	8177.660	4035.430	481.860	6955.380
Ranchers - Retta J 1	Ranchers - Retta J 1 (AWB)	ZZ-Ranchers - Retta J 1	Raindance	10135.560	0.000	0.000	10134.560	0.000	717.170	12153.460

All data is in Feet unless otherwise stated  
Coordinates are from Slot MD's are from Rig & TVD's are from Rig ( Planned Datum #1 4809.0ft above Mean Sea Level )  
Vertical Section is from 0.00N 0.00E on azimuth 74.150 degrees  
Prepared by Great Western Operating Company  
Date Printed: