

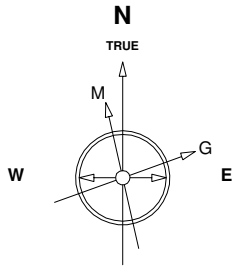
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Raindance

Slot Slot W-06 - Raindance FD 20-242HNX
Well Raindance FD 20-242HNX
Wellbore Raindance FD 20-242HNX (PWB)

Created by admin
Date plotted 17-Nov-2016

Plot reference is Raindance FD 20-242HNX (PWB).
Ref wellpath is Raindance FD 20-242HNX (PWP#1).
Coordinates are in Feet reference Slot W-06 - Raindance FD 20-242HNX.
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

BHL - 12,509 / 6817 MD/TVD, 1956 FSL, 470 FEL Sec 20

TPZ -7828 / 6817 MD/TVD, 1920 FSL, 75 FWL Sec 20

S/2 Sec 19, T6N, R67W

S/2 Sec 20, T6N, R67W

NW/4 Sec 30, T6N, R67W

Surface 0.00 N 0.00 E

9 5/8in Surface Casing

5 1/2in Production Casing

TPZ -7828 / 6817 MD/TVD, 1920 FSL, 75 FWL Sec 20

BHL - 12,509 / 6817 MD/TVD, 1956 FSL, 470 FEL Sec 20

Scale 1 cm = 400 ft

Vertical Section (Feet) ->

Azimuth 60.83 with reference 0.00 N, 0.00 E from Slot W-06 - Raindance FD 20-242HNX

<- 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	1732.00	0.00	354.34	1732.00	S 0.00	W 0.00	0.00	0.00
End of Build	2731.96	30.00	354.34	2686.90	N 254.61	W 25.24	9.84	102.06
End of Hold	6908.56	30.00	354.34	6303.98	N 2332.65	W 231.21	0.00	935.01
Target TPZ -7...Sec 20	7827.66	90.00	88.16	6817.00	N 2646.40	E 331.65	32.81	1579.41
T.D. & Target BHL... 20	12508.79	90.00	88.16	6817.00	N 2796.64	E 5010.38	0.00	5738.04

SYSDRILL
Closest Approach Summary Report
Wellbore: Raindance FD 20-242HNX (PWB)
Wellpath: Raindance FD 20-242HNX (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.

Wellbore

Name	Raindance FD 20-242HNX (PWB)
Created	15-Nov-2016
Last Revised	15-Nov-2016

Well

Name	Raindance FD 20-242HNX
Government ID	
Last Revised	15-Nov-2016

Slot

Name	Slot W-06 - Raindance FD 20-242HNX
Grid Northing	1412029.738
Grid Easting	3159335.713
Latitude	N40 27 46.8396
Longitude	W104 55 38.5104
North	25561840.870
East	-18483134.090

Installation

Name	Raindance
Easting	41136929.757
Northing	12284170.646
Map Name	<unknown>
North Alignment	True

Field

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 20-239HC	Raindance FD 20-239HC (PWB)	Slot W-05 - Raindance FD 20-239HC	Raindance	0.420	7055.690	7055.690	-40.310	7070.210	0.020	7053.810
GWOGCO - H-Y 20-23	GWOGCO - H-Y 20-23 (AWB)	ZZ-GWOGCO - H-Y 20-23	Raindance	4.930	9708.880	9708.880	-43.490	9700.000	0.160	9708.880
Raindance FC 23-232HN	Raindance FC 23-232HN (PWB)	Slot E-04 - Raindance FC 23-232HN	Raindance	6.040	8140.440	8140.440	-26.630	8152.890	0.270	8140.440
Raindance FD 20-242HN	Raindance FD 20-242HN (PWB)	Slot W-07 - Raindance FD 20-242HN	Raindance	9.910	1732.000	1732.000	6.530	1500.000	2.930	1738.850
Raindance FC 23-272HC	Raindance FC 23-272HC (PWB)	Slot E-06 - Raindance FC 23-272HC	Raindance	16.770	1732.000	8122.840	13.390	1738.850	4.940	1771.650
Raindance FC 23-289HNX	Raindance FC 23-289HNX (PWB)	Slot E-07 - Raindance FC 23-289HNX	Raindance	19.770	1732.000	7349.080	16.390	1500.000	5.830	1755.250
Raindance FD 20-282HN	Raindance FD 20-282HN (PWB)	Slot W-08 - Raindance FD 20-282HN	Raindance	19.810	1732.000	6971.780	16.430	1500.000	4.460	12483.600
Raindance FC 23-249HN	Raindance FC 23-249HN (PWB)	Slot E-05 - Raindance FC 23-249HN	Raindance	19.890	1635.000	8005.870	16.510	1500.000	3.040	7972.440
Raindance FD 20-239HN	Raindance FD 20-239HN (PWB)	Slot W-04 - Raindance FD 20-239HN	Raindance	20.520	1490.000	7043.700	17.160	1492.780	3.300	12508.790
Raindance FC 23-289HN	Raindance FC 23-289HN (PWB)	Slot E-08 - Raindance FC 23-289HN	Raindance	25.890	1732.000	7524.600	22.510	1500.000	7.630	1755.250
Raindance FD 20-282HC	Raindance FD 20-282HC (PWB)	Slot W-09 - Raindance FD 20-282HC	Raindance	29.400	1732.000	7827.660	26.020	1500.000	7.040	12483.600
Raindance FD 20-202HN	Raindance FD 20-202HN (PWB)	Slot W-03 - Raindance FD 20-202HN	Raindance	30.420	959.000	7104.990	27.910	959.000	7.220	12508.790
Raindance FC 23-312HN	Raindance FC 23-312HN (PWB)	Slot E-09 - Raindance FC 23-312HN	Raindance	33.850	1732.000	7248.010	30.470	1500.000	9.970	1755.250
Raindance FC 23-232HNX	Raindance FC 23-232HNX (PWB)	Slot E-03 - Raindance FC 23-232HNX	Raindance	34.960	1248.000	7990.700	31.990	1248.000	6.000	8136.480
Raindance FD 20-319HNX	Raindance FD 20-319HNX (PWB)	Slot W-10 - Raindance FD 20-319HNX	Raindance	39.300	1732.000	6731.450	35.920	1500.000	8.240	12483.600
Raindance FD 20-202HNX	Raindance FD 20-202HNX (PWB)	Slot W-02 - Raindance FD 20-202HNX	Raindance	40.320	600.000	7105.340	38.390	600.000	7.530	12508.790
Raindance FC 23-312HC	Raindance FC 23-312HC (PWB)	Slot E-10 - Raindance FC 23-312HC	Raindance	42.630	1732.000	7381.890	39.250	1500.000	12.530	1771.650
Raindance FC 23-209HC	Raindance FC 23-209HC (PWB)	Slot E-02 - Raindance FC 23-209HC	Raindance	44.000	985.000	8259.420	41.450	985.000	8.560	8464.570
Raindance FD 20-319HN	Raindance FD 20-319HN (PWB)	Slot W-11 - Raindance FD 20-319HN	Raindance	49.210	1732.000	6856.960	45.830	1500.000	9.720	12483.600
Raindance FC 23-329HNX	Raindance FC 23-329HNX (PWB)	Slot E-11 - Raindance FC 23-329HNX	Raindance	52.510	1732.000	6946.260	49.130	1500.000	15.400	1771.650
Raindance FC 23-209HN	Raindance FC 23-209HN (PWB)	Slot E-01 - Raindance FC 23-209HN	Raindance	52.800	645.000	8244.640	50.800	645.000	13.510	8579.400
Raindance FD 20-322HN	Raindance FD 20-322HN (PWB)	Slot W-12 - Raindance FD 20-322HN	Raindance	60.020	1732.000	6676.510	56.640	1500.000	12.490	12467.190
Raindance FC 23-352HN	Raindance FC 23-352HN (PWB)	Slot E-12 - Raindance FC 23-352HN	Raindance	61.870	1732.000	7066.930	58.490	1500.000	18.100	1788.060
Raindance FD 20-359HC	Raindance FD 20-359HC (PWB)	Slot W-13 - Raindance FD 20-359HC	Raindance	69.720	1732.000	6777.790	66.340	1500.000	14.160	12467.190
Raindance FC 23-369HN	Raindance FC 23-369HN (PWB)	Slot E-13 - Raindance FC 23-369HN	Raindance	71.380	1732.000	6870.330	68.010	1500.000	20.840	1800.000
Raindance FD 20-362HNX	Raindance FD 20-362HNX (PWB)	Slot W-14 - Raindance FD 20-362HNX	Raindance	79.520	1732.000	6446.850	76.140	1500.000	15.650	12467.190
Raindance FC 23-369HC	Raindance FC 23-369HC (PWB)	Slot E-14 - Raindance FC 23-369HC	Raindance	80.990	1732.000	6981.680	77.610	1500.000	23.970	1500.000
Raindance FD 20-362HN	Raindance FD 20-362HN (PWB)	Slot W-15 - Raindance FD 20-362HN	Raindance	89.420	1732.000	6569.410	86.040	1500.000	16.390	12467.190
Raindance FC 23-392HNX	Raindance FC 23-392HNX (PWB)	Slot E-15 - Raindance FC 23-392HNX	Raindance	90.500	1732.000	6574.660	87.120	1500.000	26.300	1820.870
Raindance FD 20-399HC	Raindance FD 20-399HC (PWB)	Slot W-16 - Raindance FD 20-399HC	Raindance	99.320	1732.000	1732.000	95.950	1500.000	20.590	12467.190
Raindance FC 26-009HN	Raindance FC 26-009HN (PWB)	Slot E-16 - Raindance FC 26-009HN	Raindance	101.270	1732.000	6702.900	97.890	1500.000	29.360	1820.870
Raindance FC 26-169HN	Raindance FC 26-169HN (PWB)	Slot W-17 - Raindance FC 26-169HN	Raindance	109.600	1732.000	1732.000	106.220	1500.000	31.670	1837.270
Raindance FC 26-032HN	Raindance FC 26-032HN (PWB)	Slot E-17 - Raindance FC 26-032HN	Raindance	111.000	1732.000	6549.120	107.620	1500.000	32.110	1837.270
Raindance FC 26-169HNX	Raindance FC 26-169HNX (PWB)	Slot W-18 - Raindance FC 26-169HNX	Raindance	119.500	1732.000	1732.000	116.120	1500.000	34.450	1853.670
Raindance FC 26-032HC	Raindance FC 26-032HC (PWB)	Slot E-18 - Raindance FC 26-032HC	Raindance	120.760	1732.000	6666.770	117.380	1500.000	34.860	1853.670
Raindance FC 26-192HC	Raindance FC 26-192HC (PWB)	Slot W-19 - Raindance FC 26-192HC	Raindance	129.400	1732.000	1732.000	126.020	1500.000	37.220	1853.670
Raindance FC 26-049HN	Raindance FC 26-049HN (PWB)	Slot E-19 - Raindance FC 26-049HN	Raindance	130.340	1732.000	1732.000	126.960	1500.000	37.540	1853.670
Raindance FC 26-209HN	Raindance FC 26-209HN (PWB)	Slot W-20 - Raindance FC 26-209HN	Raindance	139.300	1732.000	1732.000	135.930	1500.000	39.980	1870.080
Raindance FC 26-072HNX	Raindance FC 26-072HNX (PWB)	Slot E-20 - Raindance FC 26-072HNX	Raindance	140.130	1732.000	1732.000	136.750	1500.000	40.280	1870.080
Raindance FC 26-232HN	Raindance FC 26-232HN (PWB)	Slot W-21 - Raindance FC 26-232HN	Raindance	148.900	1732.000	1732.000	145.520	1500.000	42.650	1870.080
Raindance FC 26-089HC	Raindance FC 26-089HC (PWB)	Slot E-21 - Raindance FC 26-089HC	Raindance	150.990	1732.000	8531.420	147.610	1500.000	43.300	1870.080
Raindance FC 26-232HNX	Raindance FC 26-232HNX (PWB)	Slot W-22 - Raindance FC 26-232HNX	Raindance	158.800	1732.000	1732.000	155.420	1500.000	45.390	1886.480
Raindance FC 26-089HN	Raindance FC 26-089HN (PWB)	Slot E-22 - Raindance FC 26-089HN	Raindance	160.730	1732.000	8508.780	157.350	1500.000	46.000	1886.480
Raindance FC 26-249HC	Raindance FC 26-249HC (PWB)	Slot W-23 - Raindance FC 26-249HC	Raindance	169.720	1732.000	1732.000	166.340	1500.000	48.400	1902.890
Raindance FC 26-112HN	Raindance FC 26-112HN (PWB)	Slot E-23 - Raindance FC 26-112HN	Raindance	170.400	1732.000	8441.720	167.020	1500.000	48.660	1886.480
Raindance FC 26-272HN	Raindance FC 26-272HN (PWB)	Slot W-24 - Raindance FC 26-272HN	Raindance	179.620	1732.000	1732.000	176.240	1500.000	51.110	1919.290
Raindance FC 26-112HNX	Raindance FC 26-112HNX (PWB)	Slot E-24 - Raindance FC 26-112HNX	Raindance	180.150	1732.000	8485.970	176.770	1500.000	51.340	1902.890
Raindance FC 26-289HN	Raindance FC 26-289HN (PWB)	Slot W-25 - Raindance FC 26-289HN	Raindance	189.220	1679.000	1679.000	185.840	1500.000	55.690	1804.460
Raindance FC 26-129HC	Raindance FC 26-129HC (PWB)	Slot E-25 - Raindance FC 26-129HC	Raindance	189.990	1732.000	8186.390	186.610	1500.000	54.030	1919.290
Raindance FC 26-289HNX	Raindance FC 26-289HNX (PWB)	Slot W-26 - Raindance FC 26-289HNX	Raindance	199.120	1319.000	1319.000	196.030	1319.000	61.250	1500.000
Raindance FC 26-152HN	Raindance FC 26-152HN (PWB)	Slot E-26 - Raindance FC 26-152HN	Raindance	199.830	1732.000	8228.870	196.450	1500.000	56.700	1919.290

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 26-312HC	Raindance FC 26-312HC (PWB)	Slot W-27 - Raindance FC 26-312HC	Raindance	209.020	1181.100	1181.100	208.160	1181.100	68.340	1443.570
Raindance FC 26-352HNX	Raindance FC 26-352HNX (PWB)	Slot E-27 - Raindance FC 26-352HNX	Raindance	210.480	900.000	900.000	208.070	900.000	80.060	1181.100
Raindance FC 26-312HN	Raindance FC 26-312HN (PWB)	Slot W-28 - Raindance FC 26-312HN	Raindance	219.940	838.000	838.000	217.630	838.000	86.090	1164.700
Raindance FC 26-369HC	Raindance FC 26-369HC (PWB)	Slot E-28 - Raindance FC 26-369HC	Raindance	220.330	800.000	800.000	218.080	800.000	88.440	1131.890
Raindance FC 26-329HN	Raindance FC 26-329HN (PWB)	Slot W-29 - Raindance FC 26-329HN	Raindance	229.540	600.000	600.000	227.610	600.000	103.290	967.850
Raindance FC 26-369HN	Raindance FC 26-369HN (PWB)	Slot E-29 - Raindance FC 26-369HN	Raindance	230.180	700.000	700.000	228.090	700.000	97.610	1066.270
Raindance FC 26-392HN	Raindance FC 26-392HN (PWB)	Slot W-30 - Raindance FC 26-392HN	Raindance	239.440	600.000	600.000	237.510	600.000	107.340	967.850
Raindance FC 26-392HNX	Raindance FC 26-392HNX (PWB)	Slot E-30 - Raindance FC 26-392HNX	Raindance	240.040	600.000	600.000	238.110	600.000	107.830	967.850
GWOGCO - H-Y 20-23-18	GWOGCO - H-Y 20-23-18 (AWB)	ZZ-GWOGCO - H-Y 20-23-18	Raindance	604.420	10351.050	10351.050	565.640	10318.240	13.790	10121.390
GWOGCO - H-Y 20-53	GWOGCO - H-Y 20-53 (AWB)	ZZ-GWOGCO - H-Y 20-53	Raindance	611.550	9083.450	9083.450	585.110	9071.520	21.460	8759.840
GWOGCO - H-Y 20-54	GWOGCO - H-Y 20-54 (AWB)	ZZ-GWOGCO - H-Y 20-54	Raindance	624.000	11594.930	11594.930	565.210	11564.960	9.970	11417.320
GWOGCO - Raindance FD 19-21HN	GWOGCO - Raindance FD 19-21HN (AWB)	ZZ-GWOGCO - Raindance FD 19-21HN	Raindance	787.000	7217.850	7217.850	715.430	7234.250	10.530	7349.080
GWOGCO - H-Y 20-34	GWOGCO - H-Y 20-34 (AWB)	ZZ-GWOGCO - H-Y 20-34	Raindance	1273.140	10968.850	10968.850	1225.690	10941.600	25.570	10679.130
GWOGCO - H-Y 29-21-4	GWOGCO - H-Y 29-21-4 (AWB)	ZZ-GWOGCO - H-Y 29-21-4	Raindance	1842.600	3838.610	9002.700	1829.050	3854.990	77.320	8973.100
GWOGCO - H-Y 29-52	GWOGCO - H-Y 29-52 (AWB)	ZZ-GWOGCO - H-Y 29-52	Raindance	1929.170	2429.200	8914.760	1922.760	2444.230	131.330	9137.140
GWOGCO - H-Y 29-21-3	GWOGCO - H-Y 29-21-3 (AWB)	ZZ-GWOGCO - H-Y 29-21-3	Raindance	1929.480	10324.510	10324.510	1892.730	10318.240	51.500	10039.370
GWOGCO - H-Y 29-31-2	GWOGCO - H-Y 29-31-2 (AWB)	ZZ-GWOGCO - H-Y 29-31-2	Raindance	1932.470	11652.580	11652.580	1874.010	11646.980	32.730	11450.130
Extraction - Kodak 03	Extraction - Kodak 03 (AWB)	ZZ-Extraction - Kodak 03	Raindance	2025.480	8192.040	9831.570	1917.320	8202.100	18.680	8284.120
GWOGCO - H-Y 29-21	GWOGCO - H-Y 29-21 (AWB)	ZZ-GWOGCO - H-Y 29-21	Raindance	2173.700	25.000	9582.690				
GWOGCO - H-Y 29-31-8	GWOGCO - H-Y 29-31-8 (AWB)	ZZ-GWOGCO - H-Y 29-31-8	Raindance	2179.830	82.020	10236.220	2178.750	82.020	91.180	10728.350
GWOGCO - H-Y 29-31	GWOGCO - H-Y 29-31 (AWB)	ZZ-GWOGCO - H-Y 29-31	Raindance	2193.730	25.000	10958.060	2192.720	25.000	55.680	10941.600
GWOGCO - H-Y 29-51	GWOGCO - H-Y 29-51 (AWB)	ZZ-GWOGCO - H-Y 29-51	Raindance	2195.920	25.000	11558.570	2194.870	65.620	58.210	11893.040
KMG - ONYX 13-29	KMG - ONYX 13-29 (AWB)	ZZ-KMG - ONYX 13-29	Raindance	2735.150	1732.000	8185.700	2730.800	1500.000	230.490	11351.710
Extraction - Kodak 06	Extraction - Kodak 06 (AWB)	ZZ-Extraction - Kodak 06	Raindance	2790.400	6085.960	11942.550	2702.210	6135.170	27.580	8267.720
Walter - THAYER 1-30	Walter - THAYER 1-30 (AWB)	ZZ-Walter - THAYER 1-30	Raindance	2837.120	2887.140	2887.140	2828.850	2936.350	143.590	6971.780
Extraction - Kodak 09	Extraction - Kodak 09 (AWB)	ZZ-Extraction - Kodak 09	Raindance	3135.840	5872.700	8100.000	3045.510	5921.920	31.580	8202.100
Walter - THAYER 2-30	Walter - THAYER 2-30 (AWB)	ZZ-Walter - THAYER 2-30	Raindance	3714.620	1732.000	1732.000	3709.530	1738.850	284.230	7000.000
Extraction - Kodak 10	Extraction - Kodak 10 (AWB)	ZZ-Extraction - Kodak 10	Raindance	3744.180	5533.120	8120.540	3652.860	5577.430	38.140	8202.100
Extraction - Kodak 13	Extraction - Kodak 13 (AWB)	ZZ-Extraction - Kodak 13	Raindance	4012.360	5353.610	10253.270	3920.610	5400.000	40.730	6463.250
Extraction - RAINDANCE 7	Extraction - RAINDANCE 7 (AWB)	ZZ-Extraction - RAINDANCE 7	Raindance	4268.780	0.000	9046.670	4267.190	1213.910	76.740	12508.790
Extraction - RAINDANCE 8	Extraction - RAINDANCE 8 (PWB)	ZZ-Extraction - RAINDANCE 8	Raindance	4273.670	1732.000	1732.000	4270.150	1500.000	79.200	12508.790
Extraction - RAINDANCE 1-1-32	Extraction - RAINDANCE 1-1-32 (PWB)	ZZ-Extraction - RAINDANCE 1-1-32	Raindance	4276.390	1732.000	1732.000	4272.870	1500.000	257.040	12508.790
Extraction - RAINDANCE 9	Extraction - RAINDANCE 9 (PWB)	ZZ-Extraction - RAINDANCE 9	Raindance	4282.740	1732.000	1732.000	4279.220	1500.000	80.810	12508.790
Extraction - RAINDANCE 2	Extraction - RAINDANCE 2 (PWB)	ZZ-Extraction - RAINDANCE 2	Raindance	4284.180	1732.000	1732.000	4280.660	1500.000	83.010	12508.790
Extraction - RAINDANCE 3	Extraction - RAINDANCE 3 (PWB)	ZZ-Extraction - RAINDANCE 3	Raindance	4288.490	1509.190	1509.190	4284.970	1500.000	85.350	12508.790
Extraction - RAINDANCE 4	Extraction - RAINDANCE 4 (PWB)	ZZ-Extraction - RAINDANCE 4	Raindance	4292.730	1732.000	1732.000	4289.210	1500.000	86.240	12508.790
Extraction - RAINDANCE 5	Extraction - RAINDANCE 5 (PWB)	ZZ-Extraction - RAINDANCE 5	Raindance	4297.020	1732.000	1732.000	4293.500	1500.000	89.630	12508.790
Extraction - RAINDANCE 6	Extraction - RAINDANCE 6 (PWB)	ZZ-Extraction - RAINDANCE 6	Raindance	4305.140	787.400	787.400	4302.770	787.400	91.840	12508.790
UNKNOWN - KENNETH THAYER 1	UNKNOWN - KENNETH THAYER 1 (AWB)	ZZ-UNKNOWN - KENNETH THAYER 1	Raindance	5603.980	1732.000	1732.000	5598.630	1500.000	355.240	7000.000
UNI OIL - MACLOUGHAN 25-1	UNI OIL - MACLOUGHAN 25-1 (AWB)	ZZ-UNI OIL - MACLOUGHAN 25-1	Raindance	8237.170	1738.850	1738.850	8232.110	1755.250	348.140	7200.000
Ranchers - Retta J 1	Ranchers - Retta J 1 (AWB)	ZZ-Ranchers - Retta J 1	Raindance	10132.320	0.000	2741.880	10131.320	0.000	542.730	10531.500

All data is in Feet unless otherwise stated
Coordinates are from Slot MDs are from Rig and TVDs are from Rig (Planned Datum #1 4809.0ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 60.830 degrees
Prepared by Great Western Operating Company
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