

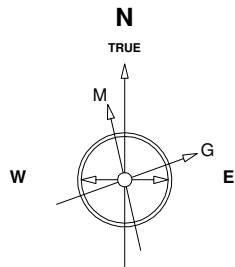
# Great Western Operating Company, LLC

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

**Slot** Slot E-19 - Raindance FC 26-049HN  
**Well** Raindance FC 26-049HN  
**Wellbore** Raindance FC 26-049HN (PWB)

Created by admin  
Date plotted 18-Nov-2016

Plot reference is Raindance FC 26-049HN (PWB).  
Ref wellpath is Raindance FC 26-049HN (PWP#1).  
Coordinates are in Feet reference Slot E-19 - Raindance FC 26-049HN.  
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.



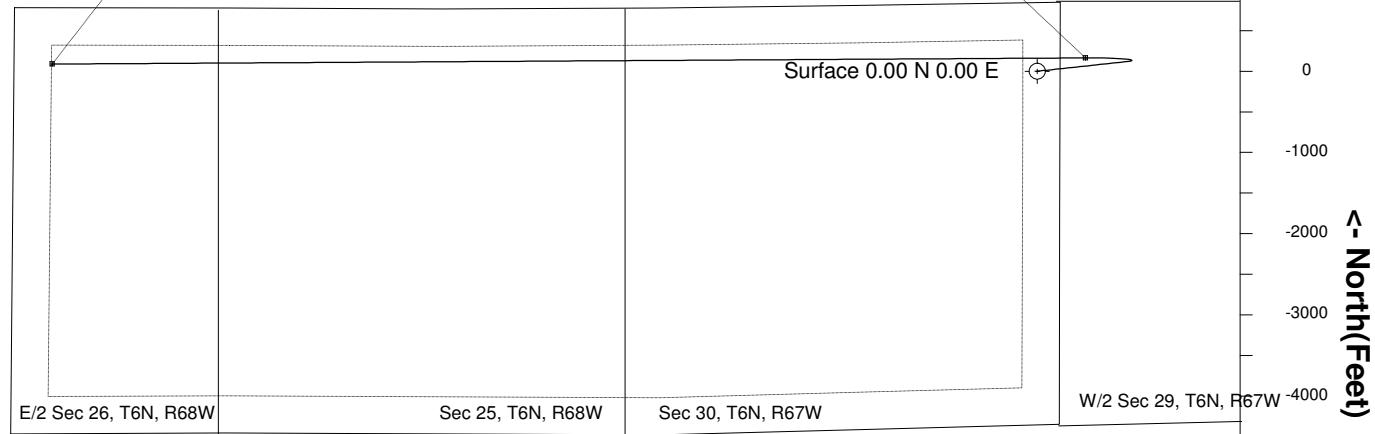
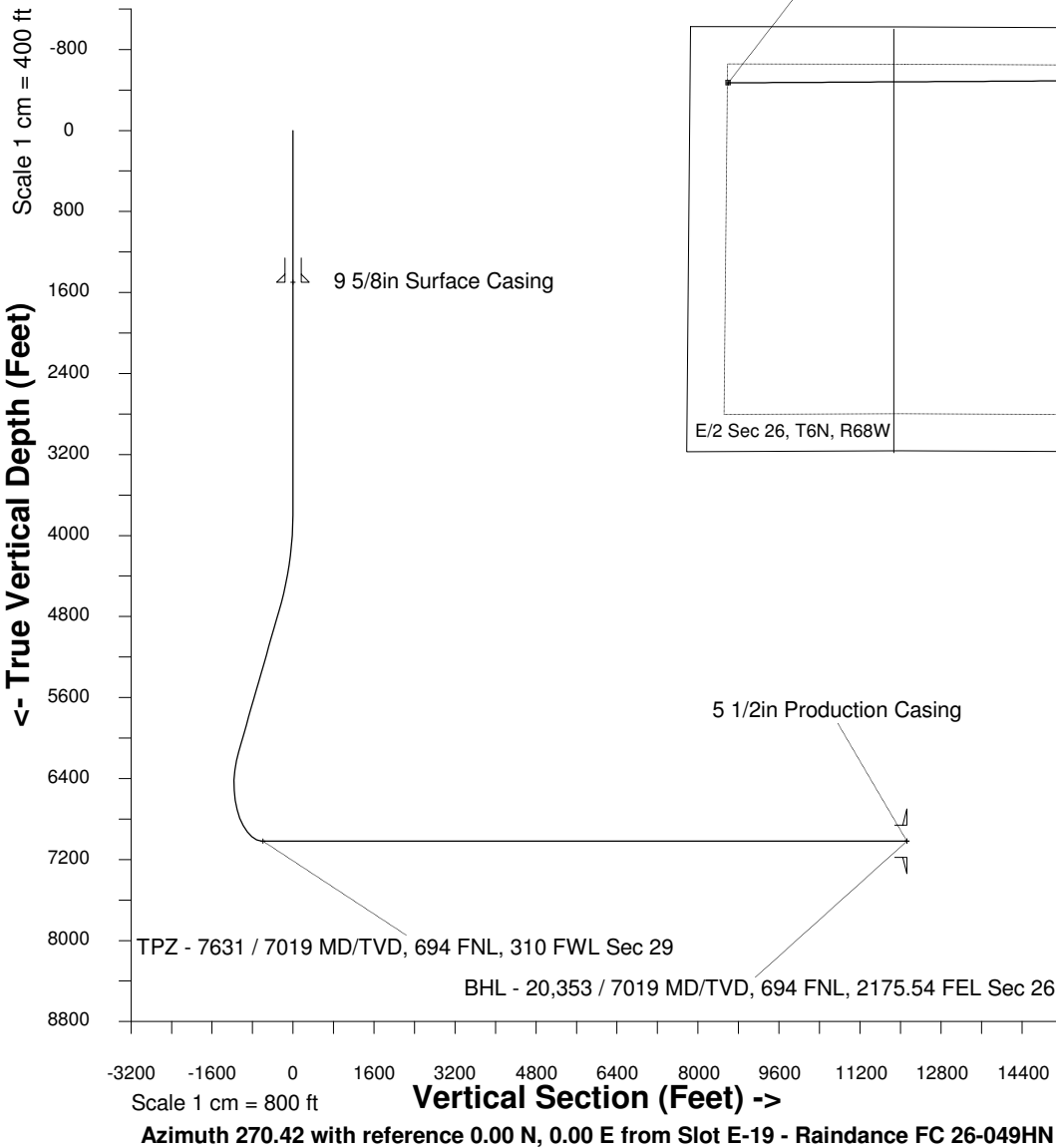
Scale 1 cm = 500 ft

East (Feet) ->

-15000 -14000 -13000 -12000 -11000 -10000 -9000 -8000 -7000 -6000 -5000 -4000 -3000 -2000 -1000 0 1000 2000

BHL - 20,353 / 7019 MD/TVD, 694 FNL, 2175.54 FEL Sec 26

TPZ - 7631 / 7019 MD/TVD, 694 FNL, 310 FWL Sec 29



## 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	3750.00	0.00	83.87	3750.00	S 0.00	W 0.00	0.00	0.00
End of Build	4750.02	30.00	83.87	4704.94	N 27.30	E 254.42	9.84	-254.22
End of Hold	6433.03	30.00	83.87	6162.47	N 117.10	E 1091.13	0.00	-1090.26
Target TPZ - ...Sec 29	7631.35	90.00	269.66	7019.00	N 163.95	E 593.81	32.81	-592.61
T.D. & Target BHL... 26	20352.91	90.00	269.66	7019.00	N 87.87	W 12127.52	0.00	12127.84

Header Information	measured depth (ft)	inclination (°)	azimuth (°)	true vertical depth (ft)	northing +N/-S (ft)	easting +E/-W (ft)
Operator Name	0	0.00	0.00	0	0.00	0.00
Great Western Oil & Gas Company LLC	100	0.00	0.00	100	0.00	0.00
Operator Number	200	0.00	0.00	200	0.00	0.00
10110	300	0.00	0.00	300	0.00	0.00
Well Name and Number	400	0.00	0.00	400	0.00	0.00
Raindance FC 26-049HN	500	0.00	0.00	500	0.00	0.00
API Number (if available)	600	0.00	0.00	600	0.00	0.00
	700	0.00	0.00	700	0.00	0.00
Location: QQ SEC TWP RGE	800	0.00	0.00	800	0.00	0.00
NENE 30 6N 67W	900	0.00	0.00	900	0.00	0.00
Citing Type: Planned or Actual	1000	0.00	0.00	1000	0.00	0.00
Planned	1100	0.00	0.00	1100	0.00	0.00
Deviation Indicator	1200	0.00	0.00	1200	0.00	0.00
Horizontal ▼	1300	0.00	0.00	1300	0.00	0.00
North Reference	1400	0.00	0.00	1400	0.00	0.00
True ▼	1500	0.00	0.00	1500	0.00	0.00
Grid Type	1600	0.00	0.00	1600	0.00	0.00
▼	1700	0.00	0.00	1700	0.00	0.00
	1800	0.00	0.00	1800	0.00	0.00
	1900	0.00	0.00	1900	0.00	0.00
	2000	0.00	0.00	2000	0.00	0.00
	2100	0.00	0.00	2100	0.00	0.00
	2200	0.00	0.00	2200	0.00	0.00
	2300	0.00	0.00	2300	0.00	0.00
	2400	0.00	0.00	2400	0.00	0.00
	2500	0.00	0.00	2500	0.00	0.00
	2600	0.00	0.00	2600	0.00	0.00
	2700	0.00	0.00	2700	0.00	0.00
	2800	0.00	0.00	2800	0.00	0.00

2900	0.00	0.00	2900	0.00	0.00
3000	0.00	0.00	3000	0.00	0.00
3100	0.00	0.00	3100	0.00	0.00
3200	0.00	0.00	3200	0.00	0.00
3300	0.00	0.00	3300	0.00	0.00
3400	0.00	0.00	3400	0.00	0.00
3500	0.00	0.00	3500	0.00	0.00
3600	0.00	0.00	3600	0.00	0.00
3700	0.00	0.00	3700	0.00	0.00
3800	1.50	83.87	3800	0.07	0.65
3900	4.50	83.87	3900	0.63	5.85
4000	7.50	83.87	3999	1.74	16.25
4100	10.50	83.87	4098	3.41	31.80
4200	13.50	83.87	4196	5.63	52.47
4300	16.50	83.87	4292	8.39	78.20
4400	19.50	83.87	4388	11.69	108.92
4500	22.50	83.87	4481	15.51	144.55
4600	25.50	83.87	4572	19.85	184.99
4700	28.50	83.87	4661	24.70	230.12
4800	30.00	83.87	4748	29.97	279.27
4900	30.00	83.87	4835	35.31	328.98
5000	30.00	83.87	4921	40.64	378.70
5100	30.00	83.87	5008	45.98	428.42
5200	30.00	83.87	5095	51.31	478.13
5300	30.00	83.87	5181	56.65	527.85
5400	30.00	83.87	5268	61.98	577.56
5500	30.00	83.87	5354	67.32	627.28
5600	30.00	83.87	5441	72.65	676.99
5700	30.00	83.87	5528	77.99	726.71
5800	30.00	83.87	5614	83.32	776.42
5900	30.00	83.87	5701	88.66	826.14
6000	30.00	83.87	5787	93.99	875.85
6100	30.00	83.87	5874	99.33	925.57
6200	30.00	83.87	5961	104.66	975.28

6300	30.00	83.87	6047	110.00	1025.00
6400	30.00	83.87	6134	115.33	1074.71
6500	23.36	81.92	6222	120.75	1120.96
6600	13.54	75.68	6317	126.45	1152.01
6700	4.57	42.98	6416	132.28	1166.11
6800	7.63	295.41	6515	138.06	1162.83
6900	17.18	280.50	6613	143.61	1142.26
7000	27.06	276.20	6705	148.77	1105.03
7100	36.99	274.09	6790	153.38	1052.28
7200	46.96	272.77	6864	157.30	985.60
7300	56.93	271.83	6926	160.41	907.02
7400	66.91	271.08	6973	162.62	818.94
7500	76.89	270.43	7004	163.86	724.01
7600	86.87	269.84	7018	164.09	625.14
7631	90.00	269.66	7019	163.95	593.81
7700	90.00	269.66	7019	163.54	525.16
7800	90.00	269.66	7019	162.94	425.16
7900	90.00	269.66	7019	162.34	325.16
8000	90.00	269.66	7019	161.74	225.16
8100	90.00	269.66	7019	161.15	125.17
8200	90.00	269.66	7019	160.55	25.17
8300	90.00	269.66	7019	159.95	-74.83
8400	90.00	269.66	7019	159.35	-174.83
8500	90.00	269.66	7019	158.75	-274.83
8600	90.00	269.66	7019	158.16	-374.82
8700	90.00	269.66	7019	157.56	-474.82
8800	90.00	269.66	7019	156.96	-574.82
8900	90.00	269.66	7019	156.36	-674.82
9000	90.00	269.66	7019	155.76	-774.82
9100	90.00	269.66	7019	155.17	-874.82
9200	90.00	269.66	7019	154.57	-974.81
9300	90.00	269.66	7019	153.97	-1074.81
9400	90.00	269.66	7019	153.37	-1174.81
9500	90.00	269.66	7019	152.77	-1274.81

9600	90.00	269.66	7019	152.18	-1374.81
9700	90.00	269.66	7019	151.58	-1474.80
9800	90.00	269.66	7019	150.98	-1574.80
9900	90.00	269.66	7019	150.38	-1674.80
10000	90.00	269.66	7019	149.78	-1774.80
10100	90.00	269.66	7019	149.19	-1874.80
10200	90.00	269.66	7019	148.59	-1974.80
10300	90.00	269.66	7019	147.99	-2074.79
10400	90.00	269.66	7019	147.39	-2174.79
10500	90.00	269.66	7019	146.79	-2274.79
10600	90.00	269.66	7019	146.19	-2374.79
10700	90.00	269.66	7019	145.60	-2474.79
10800	90.00	269.66	7019	145.00	-2574.78
10900	90.00	269.66	7019	144.40	-2674.78
11000	90.00	269.66	7019	143.80	-2774.78
11100	90.00	269.66	7019	143.20	-2874.78
11200	90.00	269.66	7019	142.61	-2974.78
11300	90.00	269.66	7019	142.01	-3074.78
11400	90.00	269.66	7019	141.41	-3174.77
11500	90.00	269.66	7019	140.81	-3274.77
11600	90.00	269.66	7019	140.21	-3374.77
11700	90.00	269.66	7019	139.62	-3474.77
11800	90.00	269.66	7019	139.02	-3574.77
11900	90.00	269.66	7019	138.42	-3674.77
12000	90.00	269.66	7019	137.82	-3774.76
12100	90.00	269.66	7019	137.22	-3874.76
12200	90.00	269.66	7019	136.63	-3974.76
12300	90.00	269.66	7019	136.03	-4074.76
12400	90.00	269.66	7019	135.43	-4174.76
12500	90.00	269.66	7019	134.83	-4274.75
12600	90.00	269.66	7019	134.23	-4374.75
12700	90.00	269.66	7019	133.64	-4474.75
12800	90.00	269.66	7019	133.04	-4574.75
12900	90.00	269.66	7019	132.44	-4674.75

13000	90.00	269.66	7019	131.84	-4774.75
13100	90.00	269.66	7019	131.24	-4874.74
13200	90.00	269.66	7019	130.65	-4974.74
13300	90.00	269.66	7019	130.05	-5074.74
13400	90.00	269.66	7019	129.45	-5174.74
13500	90.00	269.66	7019	128.85	-5274.74
13600	90.00	269.66	7019	128.25	-5374.73
13700	90.00	269.66	7019	127.65	-5474.73
13800	90.00	269.66	7019	127.06	-5574.73
13900	90.00	269.66	7019	126.46	-5674.73
14000	90.00	269.66	7019	125.86	-5774.73
14100	90.00	269.66	7019	125.26	-5874.73
14200	90.00	269.66	7019	124.66	-5974.72
14300	90.00	269.66	7019	124.07	-6074.72
14400	90.00	269.66	7019	123.47	-6174.72
14500	90.00	269.66	7019	122.87	-6274.72
14600	90.00	269.66	7019	122.27	-6374.72
14700	90.00	269.66	7019	121.67	-6474.72
14800	90.00	269.66	7019	121.08	-6574.71
14900	90.00	269.66	7019	120.48	-6674.71
15000	90.00	269.66	7019	119.88	-6774.71
15100	90.00	269.66	7019	119.28	-6874.71
15200	90.00	269.66	7019	118.68	-6974.71
15300	90.00	269.66	7019	118.09	-7074.70
15400	90.00	269.66	7019	117.49	-7174.70
15500	90.00	269.66	7019	116.89	-7274.70
15600	90.00	269.66	7019	116.29	-7374.70
15700	90.00	269.66	7019	115.69	-7474.70
15800	90.00	269.66	7019	115.10	-7574.70
15900	90.00	269.66	7019	114.50	-7674.69
16000	90.00	269.66	7019	113.90	-7774.69
16100	90.00	269.66	7019	113.30	-7874.69
16200	90.00	269.66	7019	112.70	-7974.69
16300	90.00	269.66	7019	112.11	-8074.69

16400	90.00	269.66	7019	111.51	-8174.68
16500	90.00	269.66	7019	110.91	-8274.68
16600	90.00	269.66	7019	110.31	-8374.68
16700	90.00	269.66	7019	109.71	-8474.68
16800	90.00	269.66	7019	109.11	-8574.68
16900	90.00	269.66	7019	108.52	-8674.68
17000	90.00	269.66	7019	107.92	-8774.67
17100	90.00	269.66	7019	107.32	-8874.67
17200	90.00	269.66	7019	106.72	-8974.67
17300	90.00	269.66	7019	106.12	-9074.67
17400	90.00	269.66	7019	105.53	-9174.67
17500	90.00	269.66	7019	104.93	-9274.67
17600	90.00	269.66	7019	104.33	-9374.66
17700	90.00	269.66	7019	103.73	-9474.66
17800	90.00	269.66	7019	103.13	-9574.66
17900	90.00	269.66	7019	102.54	-9674.66
18000	90.00	269.66	7019	101.94	-9774.66
18100	90.00	269.66	7019	101.34	-9874.65
18200	90.00	269.66	7019	100.74	-9974.65
18300	90.00	269.66	7019	100.14	-10074.65
18400	90.00	269.66	7019	99.55	-10174.65
18500	90.00	269.66	7019	98.95	-10274.65
18600	90.00	269.66	7019	98.35	-10374.65
18700	90.00	269.66	7019	97.75	-10474.64
18800	90.00	269.66	7019	97.15	-10574.64
18900	90.00	269.66	7019	96.56	-10674.64
19000	90.00	269.66	7019	95.96	-10774.64
19100	90.00	269.66	7019	95.36	-10874.64
19200	90.00	269.66	7019	94.76	-10974.63
19300	90.00	269.66	7019	94.16	-11074.63
19400	90.00	269.66	7019	93.56	-11174.63
19500	90.00	269.66	7019	92.97	-11274.63
19600	90.00	269.66	7019	92.37	-11374.63
19700	90.00	269.66	7019	91.77	-11474.63

19800	90.00	269.66	7019	91.17	-11574.62
19900	90.00	269.66	7019	90.57	-11674.62
20000	90.00	269.66	7019	89.98	-11774.62
20100	90.00	269.66	7019	89.38	-11874.62
20200	90.00	269.66	7019	88.78	-11974.62
20300	90.00	269.66	7019	88.18	-12074.62
20353	90.00	269.66	7019	87.87	-12127.52