



Company: Baker Hughes, a GE Company
Customer/Operator: ConocoPhillips
Date Range: 5/29/2019 - 6/3/2019
Rig Name: Nabors B16
Rig Elv/Dat: 25.00 (ft) / GL
Well: King_3-65_28-29_3CH
Wellbore: King_3-65_28-29_3CH

Depth (ft)	Inclination (deg)	Azimuth (deg)	Temperature(degF)	True Vertical Depth(ft)	Northing(ft)	Easting(ft)	DLS(deg/100ft)	Vertical Section(ft)	Build Rate(deg/100ft)
0.00	0.00	0.00					0.00		
25.00	0.00	0.00		25.00	0.00	0.00	0.00	0.00	0.00
63.23	0.06	268.91		63.23	0.00	-0.02	0.16	0.02	0.16
153.86	0.34	338.17		153.86	0.25	-0.17	0.36	0.18	0.31
244.62	0.15	240.68		244.62	0.44	-0.37	0.43	0.39	-0.21
335.80	0.22	234.15		335.80	0.28	-0.62	0.08	0.63	0.08
425.98	0.25	228.54		425.98	0.05	-0.90	0.04	0.91	0.03
517.92	0.37	234.27		517.92	-0.26	-1.30	0.13	1.29	0.13
608.42	0.28	213.84		608.41	-0.61	-1.66	0.16	1.63	-0.10
699.53	0.27	219.26		699.52	-0.96	-1.92	0.03	1.88	-0.01
790.46	0.33	219.47		790.45	-1.33	-2.22	0.07	2.17	0.07
881.35	0.22	181.60		881.34	-1.71	-2.39	0.23	2.33	-0.12
972.85	0.16	151.31		972.84	-2.00	-2.33	0.13	2.26	-0.07
1063.69	0.23	134.07		1063.68	-2.23	-2.14	0.10	2.06	0.08
1155.58	0.13	172.26		1155.57	-2.47	-1.99	0.16	1.91	-0.11
1245.96	0.22	116.49		1245.95	-2.64	-1.83	0.20	1.73	0.10
1337.49	0.22	106.84		1337.48	-2.77	-1.50	0.04	1.40	0.00
1431.92	0.18	89.39		1431.91	-2.83	-1.18	0.08	1.08	-0.04
1526.18	0.29	104.48		1526.17	-2.88	-0.80	0.13	0.70	0.12
1620.58	0.29	145.72		1620.57	-3.14	-0.43	0.22	0.32	0.00
1714.92	0.34	71.61		1714.91	-3.25	-0.03	0.40	-0.08	0.05
1809.47	0.31	79.97		1809.45	-3.12	0.48	0.06	-0.59	-0.03
1903.70	0.32	69.23		1903.68	-2.98	0.98	0.06	-1.09	0.01
1997.36	0.34	45.71		1997.34	-2.69	1.43	0.15	-1.52	0.02
2092.32	0.30	49.00		2092.30	-2.33	1.81	0.05	-1.90	-0.04
2186.36	0.29	49.31		2186.34	-2.02	2.18	0.01	-2.25	-0.01
2254.00	0.13	54.81	101.36	2253.98	-1.86	2.37	0.24	-2.44	-0.24
2348.00	0.06	66.77	101.36	2347.98	-1.78	2.51	0.08	-2.57	-0.07
2443.00	0.03	82.96	112.17	2442.98	-1.76	2.58	0.03	-2.64	-0.03
2537.00	0.06	143.82	112.17	2536.98	-1.79	2.63	0.06	-2.69	0.03
2631.00	0.04	77.27	112.17	2630.98	-1.83	2.69	0.06	-2.75	-0.02
2725.00	0.07	262.72	112.17	2724.98	-1.83	2.67	0.12	-2.73	0.03
2819.00	0.03	147.10	114.87	2818.98	-1.85	2.62	0.09	-2.69	-0.04
2914.00	0.04	41.62	114.87	2913.98	-1.85	2.66	0.06	-2.72	0.01
3008.00	0.00	98.19	117.58	3007.98	-1.82	2.68	0.04	-2.74	-0.04
3102.00	0.07	14.38	117.58	3101.98	-1.77	2.69	0.07	-2.75	0.07
3197.00	0.06	52.70	120.28	3196.98	-1.68	2.75	0.05	-2.81	-0.01
3291.00	0.06	311.93	120.28	3290.98	-1.62	2.75	0.10	-2.81	0.00
3386.00	0.03	253.20	122.98	3385.98	-1.59	2.69	0.05	-2.74	-0.03
3480.00	0.04	175.20	122.98	3479.98	-1.63	2.67	0.05	-2.72	0.01
3575.00	0.04	244.94	122.98	3574.98	-1.68	2.64	0.05	-2.70	0.00
3669.00	0.03	231.62	125.69	3668.98	-1.71	2.59	0.01	-2.65	-0.01
3764.00	0.03	324.30	125.69	3763.98	-1.71	2.56	0.05	-2.62	0.00

3858.00	0.03	139.23	128.39	3857.98	-1.70	2.56	0.06	-2.62	0.00
3952.00	0.03	163.00	128.39	3951.98	-1.75	2.58	0.01	-2.64	0.00
4047.00	0.04	0.89	131.09	4046.98	-1.74	2.59	0.07	-2.65	0.01
4141.00	0.03	6.38	131.09	4140.98	-1.68	2.59	0.01	-2.65	-0.01
4235.00	0.03	101.12	266.25	4234.98	-1.66	2.62	0.05	-2.68	0.00
4330.00	0.09	183.72	133.80	4329.98	-1.74	2.64	0.10	-2.70	0.06
4424.00	0.11	180.86	133.80	4423.98	-1.90	2.63	0.02	-2.70	0.02
4519.00	0.03	131.23	136.50	4518.98	-2.01	2.65	0.10	-2.72	-0.08
4613.00	0.00	98.19	136.50	4612.98	-2.03	2.67	0.03	-2.74	-0.03
4707.00	0.06	176.68	139.20	4706.98	-2.08	2.67	0.06	-2.74	0.06
4802.00	0.03	149.84	139.20	4801.98	-2.15	2.69	0.04	-2.76	-0.03
4896.00	0.00	98.19	141.91	4895.98	-2.17	2.70	0.03	-2.78	-0.03
4990.00	0.07	213.83	141.91	4989.98	-2.22	2.67	0.07	-2.75	0.07
5084.00	0.07	267.79	144.61	5083.98	-2.27	2.58	0.07	-2.66	0.00
5179.00	0.89	285.98	144.61	5178.97	-2.06	1.81	0.87	-1.88	0.86
5273.00	0.09	99.83	147.31	5272.97	-1.88	1.18	1.04	-1.25	-0.85
5367.00	0.04	335.50	147.31	5366.97	-1.86	1.24	0.12	-1.31	-0.05
5462.00	1.37	56.27	147.31	5461.96	-1.20	2.17	1.44	-2.21	1.40
5556.00	3.21	58.33	150.02	5555.88	0.81	5.35	1.96	-5.32	1.96
5650.00	5.11	62.77	152.72	5649.63	4.10	11.31	2.05	-11.16	2.02
5745.00	6.10	70.83	152.72	5744.18	7.70	19.84	1.33	-19.56	1.04
5839.00	6.72	67.81	152.72	5837.59	11.42	29.65	0.75	-29.23	0.66
5933.00	7.02	68.58	158.12	5930.91	15.59	40.09	0.33	-39.52	0.32
6028.00	8.48	70.36	160.83	6025.04	20.07	52.09	1.56	-51.35	1.54
6122.00	10.24	71.21	160.83	6117.79	25.09	66.53	1.88	-65.61	1.87
6216.00	11.62	73.56	163.53	6210.08	30.46	83.52	1.54	-82.40	1.47
6310.00	12.90	75.08	163.53	6301.93	35.84	102.74	1.40	-101.41	1.36
6405.00	14.04	74.37	166.23	6394.32	41.67	124.09	1.21	-122.54	1.20
6499.00	16.91	69.37	166.23	6484.91	49.56	147.87	3.36	-146.03	3.05
6593.00	17.53	66.50	168.94	6574.69	60.03	173.64	1.12	-171.42	0.66
6687.00	18.77	64.95	168.94	6664.02	72.07	200.33	1.42	-197.66	1.32
6782.00	20.08	63.30	171.64	6753.61	85.87	228.75	1.49	-225.58	1.38
6876.00	21.61	63.38	174.34	6841.45	100.88	258.64	1.63	-254.92	1.63
6970.00	23.05	62.69	174.34	6928.40	117.08	290.47	1.56	-286.16	1.53
7065.00	23.67	62.23	177.05	7015.61	134.50	323.86	0.68	-318.92	0.65
7159.00	21.52	54.03	174.34	7102.42	153.42	354.52	4.05	-348.90	-2.29
7254.00	15.88	25.22	177.05	7192.55	175.48	374.22	11.22	-367.80	-5.94
7348.00	13.45	346.21	177.05	7283.70	197.79	377.10	10.60	-369.90	-2.59
7443.00	17.31	311.40	179.75	7375.47	217.91	363.84	10.34	-355.93	4.06
7537.00	22.19	292.38	182.45	7464.00	233.95	336.89	8.52	-328.43	5.19
7631.00	31.41	285.79	182.45	7547.84	247.40	296.81	10.29	-287.90	9.81
7726.00	40.84	279.56	185.16	7624.51	259.33	242.21	10.64	-232.92	9.93
7820.00	49.94	278.02	185.16	7690.46	269.47	176.14	9.75	-166.54	9.68
7914.00	58.94	279.29	187.86	7745.07	281.02	100.63	9.64	-90.66	9.57
8009.00	69.44	277.30	190.56	7786.37	293.27	16.12	11.21	-5.77	11.05
8103.00	77.18	275.99	187.86	7813.35	303.66	-73.25	8.34	83.91	8.23
8198.00	81.04	275.38	193.27	7831.30	312.90	-166.06	4.11	176.99	4.06
8293.00	89.17	274.12	193.27	7839.40	320.72	-260.31	8.66	271.45	8.56
8387.00	90.40	274.31	195.97	7839.75	327.63	-354.05	1.32	365.38	1.31
8481.00	89.91	275.41	179.75	7839.49	335.60	-447.71	1.28	459.26	-0.52
8576.00	89.51	273.14	187.86	7839.98	342.68	-542.44	2.43	554.18	-0.42
8670.00	89.54	270.28	190.56	7840.75	345.48	-636.39	3.04	648.17	0.03
8764.00	89.45	267.60	193.27	7841.58	343.74	-730.36	2.85	742.02	-0.10
8859.00	89.57	266.74	195.97	7842.40	339.05	-825.24	0.91	836.67	0.13
8953.00	89.48	267.00	201.37	7843.17	333.92	-919.09	0.29	930.29	-0.10
9047.00	89.29	266.99	201.37	7844.18	328.99	-1012.96	0.20	1023.93	-0.20
9142.00	89.45	266.44	204.08	7845.23	323.55	-1107.80	0.60	1118.51	0.17

9236.00	89.45	265.98	206.78	7846.13	317.34	-1201.59	0.49	1212.02	0.00
9331.00	90.25	267.27	209.48	7846.38	311.74	-1296.42	1.60	1306.60	0.84
9425.00	89.45	267.84	209.48	7846.63	307.73	-1390.33	1.04	1400.31	-0.85
9520.00	89.51	267.83	212.19	7847.49	304.14	-1485.26	0.06	1495.06	0.06
9614.00	89.42	267.68	212.19	7848.37	300.46	-1579.18	0.19	1588.79	-0.10
9708.00	89.57	268.11	212.19	7849.19	297.01	-1673.12	0.48	1682.55	0.16
9803.00	89.45	268.23	214.89	7850.01	293.98	-1768.06	0.18	1777.33	-0.13
9897.00	89.48	268.78	250.03	7850.88	291.52	-1862.03	0.59	1871.15	0.03
9991.00	89.48	269.18	217.59	7851.74	289.85	-1956.01	0.43	1965.01	0.00
10085.00	89.42	268.94	217.59	7852.64	288.31	-2049.99	0.26	2058.88	-0.06
10180.00	89.66	268.96	217.59	7853.40	286.57	-2144.97	0.25	2153.74	0.25
10273.00	89.51	270.35	220.30	7854.08	286.01	-2237.97	1.50	2246.66	-0.16
10368.00	89.54	271.30	220.30	7854.86	287.38	-2332.95	1.00	2341.63	0.03
10462.00	89.35	271.13	223.00	7855.77	289.37	-2426.93	0.27	2435.62	-0.20
10555.00	88.86	269.41	223.00	7857.23	289.81	-2519.91	1.92	2528.56	-0.53
10650.00	89.05	268.82	225.70	7858.96	288.34	-2614.88	0.65	2623.42	0.20
10745.00	88.95	268.06	225.70	7860.62	285.75	-2709.83	0.81	2718.22	-0.11
10839.00	88.95	268.77	228.41	7862.34	283.15	-2803.78	0.76	2812.02	0.00
10933.00	88.95	269.33	228.41	7864.06	281.60	-2897.75	0.60	2905.88	0.00
11027.00	88.98	269.50	225.70	7865.76	280.64	-2991.73	0.18	2999.76	0.03
11122.00	89.08	269.55	231.11	7867.37	279.85	-3086.71	0.12	3094.66	0.11
11216.00	88.95	270.04	233.81	7868.98	279.51	-3180.70	0.54	3188.57	-0.14
11310.00	88.98	271.86	233.81	7870.68	281.07	-3274.67	1.94	3282.54	0.03
11405.00	89.02	272.03	233.81	7872.34	284.29	-3369.60	0.18	3377.52	0.04
11499.00	89.02	272.65	236.52	7873.95	288.13	-3463.50	0.66	3471.51	0.00
11593.00	89.17	274.82	236.52	7875.43	294.25	-3557.29	2.31	3565.45	0.16
11688.00	89.11	276.02	233.81	7876.86	303.23	-3651.85	1.26	3660.27	-0.06
11782.00	89.05	276.28	236.52	7878.37	313.30	-3745.30	0.28	3754.01	-0.06
11876.00	89.08	275.88	239.22	7879.90	323.25	-3838.76	0.43	3847.76	0.03
11971.00	88.98	275.67	239.22	7881.51	332.81	-3933.26	0.24	3942.55	-0.11
12065.00	89.20	274.89	241.92	7883.00	341.46	-4026.85	0.86	4036.38	0.23
12160.00	89.32	273.99	241.92	7884.23	348.81	-4121.55	0.96	4131.29	0.13
12255.00	89.42	273.10	241.92	7885.28	354.68	-4216.37	0.94	4226.25	0.11
12349.00	89.42	272.06	241.92	7886.23	358.92	-4310.26	1.11	4320.24	0.00
12443.00	89.78	271.00	244.62	7886.88	361.43	-4404.23	1.19	4414.23	0.38
12538.00	88.98	268.43	244.62	7887.91	360.95	-4499.21	2.83	4509.14	-0.84
12632.00	88.83	266.71	241.92	7889.71	356.97	-4593.11	1.84	4602.84	-0.16
12726.00	88.96	266.88	244.62	7891.52	351.71	-4686.94	0.23	4696.43	0.14
12820.00	89.23	266.43	241.92	7893.01	346.23	-4780.77	0.56	4790.00	0.29
12914.00	88.95	266.74	244.62	7894.50	340.63	-4874.59	0.44	4883.57	-0.30
13009.00	89.11	266.17	244.62	7896.11	334.76	-4969.40	0.62	4978.11	0.17
13103.00	89.02	266.33	247.33	7897.64	328.61	-5063.18	0.20	5071.62	-0.10
13197.00	88.95	266.77	247.33	7899.31	322.96	-5157.00	0.47	5165.18	-0.07
13292.00	88.98	265.85	247.33	7901.02	316.84	-5251.78	0.97	5259.69	0.03
13386.00	89.17	265.64	244.62	7902.54	309.87	-5345.51	0.30	5353.11	0.20
13480.00	89.54	264.89	247.33	7903.60	302.11	-5439.18	0.89	5446.45	0.39
13575.00	89.32	264.87	155.42	7904.54	293.63	-5533.80	0.23	5540.71	-0.23
13670.00	89.57	268.20	247.33	7905.46	287.89	-5628.61	3.51	5635.26	0.26
13764.00	89.54	268.85	247.33	7906.19	285.47	-5722.57	0.69	5729.08	-0.03
13858.00	89.50	271.41	247.33	7906.98	285.69	-5816.56	2.72	5823.02	-0.04
13953.00	89.48	274.65	250.03	7907.83	290.71	-5911.41	3.41	5917.99	-0.02
14047.00	89.57	275.27	85.14	7908.61	298.83	-6005.06	0.67	6011.86	0.10
14141.00	89.45	274.82	247.33	7909.41	307.10	-6098.69	0.50	6105.72	-0.13
14236.00	89.63	273.04	250.03	7910.17	313.61	-6193.46	1.88	6200.67	0.19
14329.00	89.57	271.46	252.73	7910.82	317.26	-6286.38	1.70	6293.66	-0.06
14423.00	89.17	270.71	252.73	7911.85	319.04	-6380.36	0.90	6387.64	-0.43
14518.00	89.63	271.44	255.44	7912.85	320.82	-6475.34	0.91	6482.62	0.48

14612.00	89.42	270.32	255.44	7913.63	322.27	-6569.32	1.21	6576.60	-0.22
14706.00	89.78	269.56	255.44	7914.29	322.17	-6663.32	0.89	6670.53	0.38
14801.00	89.51	269.65	258.14	7914.87	321.51	-6758.31	0.30	6765.45	-0.28
14895.00	89.45	268.87	258.14	7915.73	320.30	-6852.30	0.83	6859.33	-0.06
14990.00	89.45	269.52	258.14	7916.64	318.96	-6947.29	0.68	6954.21	0.00
15084.00	89.38	270.64	258.14	7917.60	319.10	-7041.28	1.19	7048.15	-0.07
15178.00	89.48	271.10	260.84	7918.53	320.52	-7135.26	0.50	7142.13	0.11
15273.00	89.45	270.39	260.84	7919.42	321.76	-7230.25	0.75	7237.10	-0.03
15367.00	89.51	271.87	260.84	7920.27	323.61	-7324.23	1.58	7331.08	0.06
15462.00	89.63	273.59	260.84	7920.99	328.14	-7419.11	1.81	7426.07	0.13
15556.00	89.51	273.86	263.55	7921.69	334.24	-7512.91	0.31	7520.02	-0.13
15650.00	89.51	272.29	263.55	7922.50	339.28	-7606.77	1.67	7614.00	0.00
15744.00	89.38	271.12	263.55	7923.41	342.08	-7700.72	1.25	7707.99	-0.14
15839.00	89.72	271.42	266.25	7924.15	344.19	-7795.70	0.48	7802.98	0.36
15933.00	89.38	269.36	266.25	7924.89	344.83	-7889.69	2.22	7896.94	-0.36
16027.00	89.54	269.81	266.25	7925.78	344.15	-7983.68	0.51	7990.85	0.17
16121.00	89.60	267.23	266.25	7926.48	341.72	-8077.64	2.75	8084.66	0.06
16215.00	89.57	266.67	266.25	7927.16	336.72	-8171.50	0.60	8178.29	-0.03
16310.00	89.54	269.88	266.25	7927.90	333.86	-8266.44	3.38	8273.07	-0.03
16404.00	89.57	273.28	266.25	7928.63	336.45	-8360.39	3.62	8367.05	0.03
16499.00	89.66	275.08	266.25	7929.27	343.37	-8455.13	1.90	8461.98	0.09
16593.00	89.82	274.56	266.25	7929.70	351.27	-8548.80	0.58	8555.87	0.17
16688.00	89.60	272.24	268.95	7930.18	356.91	-8643.62	2.45	8650.83	-0.23
16782.00	89.82	271.08	268.95	7930.65	359.63	-8737.58	1.26	8744.83	0.23
16876.00	89.72	267.67	271.66	7931.03	358.60	-8831.56	3.63	8838.71	-0.11
16971.00	89.66	269.30	268.95	7931.55	356.09	-8926.52	1.72	8933.53	-0.06
17065.00	89.69	269.60	268.95	7932.08	355.19	-9020.52	0.32	9027.43	0.03
17160.00	89.88	268.64	271.66	7932.43	353.73	-9115.50	1.03	9122.31	0.20
17254.00	89.57	268.77	271.66	7932.89	351.61	-9209.48	0.36	9216.15	-0.33
17348.00	89.54	268.75	271.66	7933.62	349.57	-9303.45	0.04	9309.99	-0.03
17443.00	89.66	270.34	274.36	7934.28	348.82	-9398.44	1.68	9404.90	0.13
17537.00	89.38	270.57	271.66	7935.07	349.56	-9492.44	0.39	9498.86	-0.30
17631.00	89.57	268.85	274.36	7935.93	349.09	-9586.43	1.84	9592.78	0.20
17725.00	89.75	270.39	271.66	7936.49	348.46	-9680.42	1.65	9686.69	0.19
17819.00	89.54	271.79	271.66	7937.07	350.25	-9774.40	1.51	9780.67	-0.22
17867.00	89.54	271.79		7937.45	351.75	-9822.38	0.00	9828.67	0.00



ConocoPhillips

King 3-65 28-29 3CH

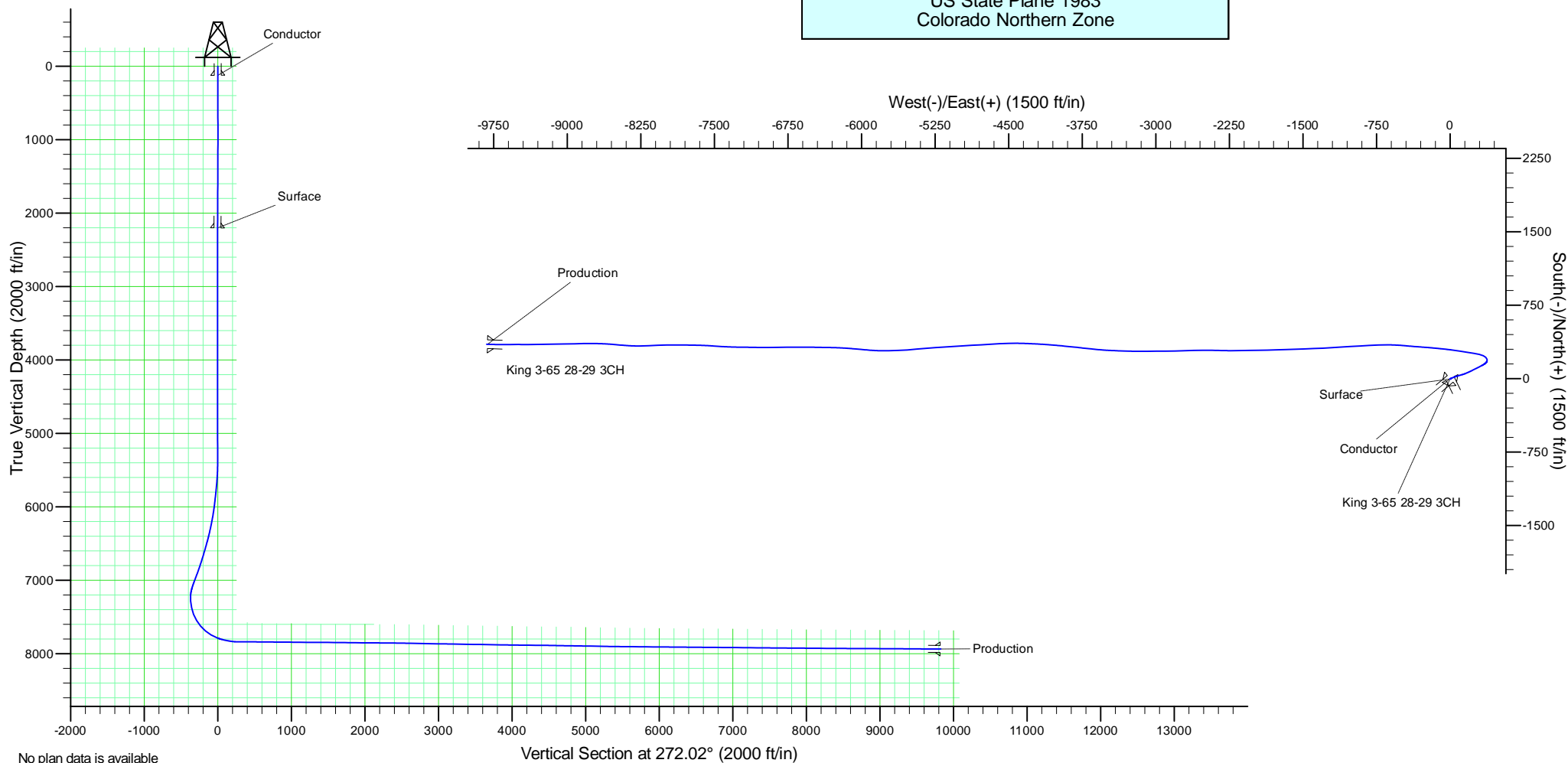
King 3-65 28-29 3CH

Casing Depths

TVD	MD	Name	Size
125.00	125.00	Conductor	16
2203.08	2203.10	Surface	9-5/8
7937.47	17856.80	Production	5-1/2

Ground Level: 5585.30
Surface Location Latitude: 39° 45' 31.550 N
Surface Location Longitude: 104° 39' 39.580 W
North Reference: True
NBR B16 RKB @ 5612.00ft (NBR B16)

North American Datum 1983
GRS 1980
US State Plane 1983
Colorado Northern Zone



No plan data is available