

Bost Farm 31N-11C-L IFR 0' to 17180' Definitive Survey Geodetic Report

(Def Survey)

Report Date: September 24, 2019 - 08:24 AM
Client: SRC Energy
Field: CO, Weld County (NAD 83 NZ) - SRC
Structure / Slot: SRC Energy 07-05N-66W (Bost Farm 5-7 Pad DSU 22) / Bost Farm
Well: Bost Farm 31N-11C-L
Borehole: Original Hole
UWI / API#: Unknown / 05-123-47666
Survey Name: Bost Farm 31N-11C-L IFR 0' to 17180' Definitive
Survey Date: July 22, 2019
Tort / AHD / DDI / ERD Ratio: 239.496 ° / 11211.688 ft / 6.816 / 1.592
Coordinate Reference System: NAD83 Colorado State Plane, Northern Zone, US Feet
Location Lat / Long: N 40° 25' 3.71280", W 104° 49' 42.11400"
Location Grid N/E Y/X: N 1395715.939 ftUS, E 3187006.682 ftUS
CRS Grid Convergence Angle: 0.4340 °
Grid Scale Factor: 0.99996108
Version / Patch: 2.10.782.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 269.680 ° (True North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: KB 20ft
TVD Reference Elevation: 4898.000 ft above MSL
Seabed / Ground Elevation: 4878.000 ft above MSL
Magnetic Declination: 7.610 °
Total Gravity Field Strength: 999.0262mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 52245.000 nT
Magnetic Dip Angle: 66.610 °
Declination Date: July 23, 2019
Magnetic Declination Model: Magvar IFR
North Reference: True North
Grid Convergence Used: 0.0000 °
Total Corr Mag North->True North: 7.6100 °
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	1395715.94	3187006.68	40.417698	-104.828365
KB Adjustment	20.00	0.00	35.37	20.00	0.00	0.00	0.00	0.00	1395715.94	3187006.68	40.417698	-104.828365
Begin IFR Survey	106.00	0.36	35.37	106.00	-0.16	0.22	0.16	0.42	1395716.16	3187006.84	40.417699	-104.828364
	191.00	0.07	321.21	191.00	-0.28	0.48	0.28	0.41	1395716.42	3187006.96	40.417699	-104.828364
	281.00	0.79	326.06	281.00	0.10	1.04	-0.10	0.80	1395716.97	3187006.57	40.417701	-104.828365
	370.00	2.34	303.37	369.96	1.95	2.54	-1.96	1.84	1395718.47	3187004.70	40.417705	-104.828372
	460.00	4.19	292.36	459.81	6.51	4.81	-6.54	2.16	1395720.70	3187000.11	40.417711	-104.828388
	550.00	5.19	282.73	549.51	13.51	6.95	-13.55	1.41	1395722.79	3186993.08	40.417717	-104.828414
	640.00	6.10	281.81	639.07	22.15	8.83	-22.20	1.02	1395724.60	3186984.42	40.417722	-104.828445
	730.00	6.92	278.53	728.49	32.18	10.61	-32.24	1.00	1395726.31	3186974.36	40.417727	-104.828481
	820.00	6.54	278.50	817.87	42.61	12.17	-42.67	0.42	1395727.79	3186963.92	40.417731	-104.828518
	910.00	6.28	282.34	907.31	52.47	13.98	-52.55	0.56	1395729.52	3186954.03	40.417736	-104.828554
	1000.00	6.16	279.59	996.78	62.03	15.84	-62.12	0.36	1395731.31	3186944.44	40.417741	-104.828588
	1090.00	6.18	285.35	1086.26	71.45	17.93	-71.56	0.69	1395733.32	3186935.00	40.417747	-104.828622
	1180.00	6.00	283.03	1175.75	80.69	20.27	-80.81	0.34	1395735.60	3186925.72	40.417754	-104.828655
	1270.00	6.00	287.08	1265.26	89.76	22.71	-89.89	0.47	1395737.97	3186916.63	40.417760	-104.828688
	1360.00	6.64	284.29	1354.71	99.28	25.38	-99.43	0.79	1395740.56	3186907.07	40.417768	-104.828722
	1450.00	6.40	289.14	1444.13	109.05	28.31	-109.21	0.67	1395743.42	3186897.27	40.417776	-104.828757
	1540.00	5.68	286.09	1533.63	118.05	31.19	-118.23	0.88	1395746.23	3186888.23	40.417784	-104.828790
	1630.00	6.19	284.30	1623.15	127.02	33.62	-127.21	0.60	1395748.59	3186879.23	40.417790	-104.828822
	1720.00	5.61	282.50	1712.67	136.00	35.77	-136.20	0.68	1395750.67	3186870.22	40.417796	-104.828854
Last IFR Survey 9 5/8" Casing Begin	1749.00	5.66	285.64	1741.53	138.76	36.46	-138.97	1.08	1395751.35	3186867.45	40.417798	-104.828864
SLB_MWD Survey	1797.00	5.69	286.73	1789.30	143.31	37.79	-143.53	0.24	1395752.64	3186862.88	40.417802	-104.828880
	1873.00	5.75	288.43	1864.92	150.52	40.07	-150.75	0.24	1395754.87	3186855.64	40.417808	-104.828906
	1968.00	7.93	289.00	1959.23	161.21	43.71	-161.46	2.30	1395758.43	3186844.90	40.417818	-104.828945
	2061.00	10.82	289.52	2050.98	175.48	48.72	-175.76	3.11	1395763.32	3186830.57	40.417832	-104.828996
	2157.00	11.07	290.97	2145.24	192.54	55.03	-192.85	0.39	1395769.50	3186813.42	40.417849	-104.829058
	2252.00	10.89	291.47	2238.50	209.37	61.58	-209.72	0.21	1395775.92	3186796.51	40.417867	-104.829118
	2346.00	10.61	291.23	2330.85	225.67	67.96	-226.05	0.30	1395782.18	3186780.13	40.417885	-104.829177
	2440.00	10.89	291.11	2423.20	241.98	74.29	-242.40	0.30	1395788.39	3186763.73	40.417902	-104.829236
	2534.00	10.61	288.75	2515.55	258.43	80.27	-258.88	0.55	1395794.25	3186747.21	40.417918	-104.829295
	2627.00	11.05	288.58	2606.89	274.95	85.86	-275.44	0.47	1395799.71	3186730.62	40.417934	-104.829354
	2723.00	10.85	288.83	2701.14	292.19	91.71	-292.71	0.21	1395805.43	3186713.30	40.417950	-104.829416
	2819.00	9.72	289.59	2795.60	308.35	97.35	-308.90	1.19	1395810.94	3186697.07	40.417965	-104.829474
	2914.00	10.55	289.84	2889.12	324.05	102.99	-324.63	0.87	1395816.46	3186681.29	40.417981	-104.829531
	3007.00	10.45	288.32	2980.56	340.04	108.53	-340.65	0.32	1395821.88	3186665.24	40.417996	-104.829588
	3100.00	10.58	290.10	3072.00	356.03	114.11	-356.67	0.38	1395827.34	3186649.17	40.418011	-104.829646
	3193.00	10.95	291.62	3163.36	372.22	120.30	-372.90	0.50	1395833.41	3186632.90	40.418028	-104.829704
	3287.00	10.58	288.64	3255.71	388.67	126.35	-389.38	0.71	1395839.33	3186616.37	40.418045	-104.829763
	3379.00	10.65	291.10	3346.13	404.57	132.11	-405.31	0.50	1395844.97	3186600.40	40.418061	-104.829821
	3473.00	10.03	286.88	3438.61	420.47	137.61	-421.25	1.04	1395850.35	3186584.42	40.418076	-104.829878
	3567.00	9.63	289.05	3531.23	435.71	142.55	-436.51	0.58	1395855.18	3186569.12	40.418089	-104.829933
	3660.00	10.54	288.13	3622.79	451.12	147.74	-451.95	0.99	1395860.25	3186553.64	40.418104	-104.829988
	3755.00	10.75	290.81	3716.16	467.62	153.59	-468.49	0.57	1395865.97	3186537.06	40.418120	-104.830048
	3849.00	10.71	291.12	3808.51	483.93	159.85	-484.83	0.07	1395872.11	3186520.67	40.418137	-104.830106
	3942.00	10.98	293.28	3899.85	500.09	166.47	-501.03	0.52	1395878.60	3186504.33	40.418155	-104.830164
	4034.00	10.86	293.34	3990.19	516.06	173.36	-517.03	0.13	1395885.38	3186488.37	40.418174	-104.830222
	4127.00	10.61	291.71	4081.56	532.02	180.00	-533.03	0.42	1395891.89	3186472.32	40.418192	-104.830279
	4220.00	11.14	293.21	4172.89	548.19	186.71	-549.24	0.65	1395898.48	3186456.06	40.418210	-104.830338
	4313.00	10.41	290.85	4264.25	564.27	193.24	-565.35	0.92	1395904.89	3186439.90	40.418228	-104.830395
	4407.00	10.87	291.92	4356.63	580.39	199.57	-581.51	0.53	1395911.09	3186423.70	40.418246	-104.830453
	4500.00	10.73	290.40	4447.99	596.60	205.86	-597.76	0.34	1395917.26	3186407.40	40.418263	-104.830512
	4593.00	10.31	291.46	4539.42	612.43	211.93	-613.62	0.50	1395923.20	3186391.50	40.418280	-104.830569
	4686.00	11.10	292.74	4630.80	628.39	218.43	-629.62	0.89	1395929.59	3186375.45	40.418298	-104.830626
	4779.00	10.63	292.06	4722.14	644.56	225.11	-645.83	0.52	1395936.15	3186359.19	40.418316	-104.830684
	4872.00	10.59	291.17	4813.55	660.45	231.42	-661.75	0.18	1395942.33	3186343.23	40.418333	-104.830742
	4965.00	10.54	292.25	4904.97	676.25	237.73	-677.59	0.22	1395948.52	3186327.34	40.418351	-104.830798
	5058.00	10.45	293.31	4996.41	691.83	244.29	-693.21	0.23	1395954.96	3186311.67	40.418369	-104.830855
	5151.00	10.09	293.20	5087.92	707.03	250.83	-708.44	0.39	1395961.39	3186296.39	40.418386	-104.830909
	5244.00	10.47	292.51	5179.43	722.29	257.28	-723.74	0.43	1395967.72	3186281.05	40.418404	-104.830964
	5337.00	11.04	292.91	5270.80	738.26	263.98	-739.74	0.62	1395974.30	3186264.99	40.418423	-104.831022
	5429.00	7.18	292.24	5361.62	751.67	269.59	-753.19	4.20	1395979.80	3186251.51	40.418438	-104.831070
	5523.00	4.64	281.87	5455.11	760.81	272.59	-762.35	2.92	1395982.74	3186242.32	40.418446	-104.831103
	5616.00	3.29	269.60	5547.89	767.16	273.35	-768.70	1.71	1395983.45	3186235.97	40.418448	-104.831126
	5709.00	1.59	291.02	5640.80	771.03	273.79	-772.57	2.04	1395983.86	3186232.09	40.418449	-104.831140
	5802.00	0.24	32.02	5733.79	772.13	274.42	-773.67	1.78	1395984.48	3186230.99	40.418451	-104.831144
	5895.00	0.10	337.23	5826.79	772.05	274.66	-773.60	0.21	1395984.72	3186231.06	40.418452	-104.831143
	5988.00	0.51	15.19	5919.79	771.97	275.13	-773.52	0.47	1395985.20	3186231.13	40.418453	-104.831143
	6082.00	0.19	24.59	6013.79	771.80	275.68	-773.35	0.34	1395985.74	3186231.30	40.418455	-104.831142
	6175.00	0.56	8.24	6106.79	771.66	276.27	-773.22	0.41	1395986.33	3186231.43	40.418456	-104.831142
	6268.00	0.25	5.24	6199.78	771.58	276.92	-773.13	0.33	1395986.99	3186231.50	40.418458	-104.831142
	6362.00	0.16	354.88	6293.78	771.57	277.26	-773.13	0.10	1395987.32	3186231.51	40.418459	-104.831142
	6455.00	10.38	283.40	6386.27	779.74	279.33	-781.31	11.11	1395989.34	3186223.31	40.418465	-104.831171
	6549.00	16.41	269.17	6477.70	801.27	281.11	-802.85	7.27	1395990.94	3186201.76	40.418470	-104.831248
	6642.00	21.55	259.13	6565.64	831.22							

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
	6736.00	26.63	257.72	6661.42	868.83	269.95	-870.35	5.44	1395979.28	3186134.35	40.418439	-104.831491
	6828.00	32.50	259.33	6731.41	913.35	260.98	-914.83	6.44	1395969.97	3186089.94	40.418414	-104.831650
	6922.00	40.45	267.09	6806.98	968.78	254.74	-970.21	9.76	1395963.32	3186034.61	40.418397	-104.831849
	7016.00	46.45	270.53	6875.20	1033.37	253.51	-1034.80	6.86	1395961.59	3185970.04	40.418394	-104.832081
	7109.00	54.74	269.92	6934.18	1105.16	253.77	-1106.59	8.93	1395961.31	3185898.24	40.418394	-104.832339
	7203.00	64.60	270.50	6981.59	1186.19	254.09	-1187.63	10.50	1395961.01	3185817.21	40.418395	-104.832630
	7297.00	73.86	270.62	7014.89	1273.97	254.95	-1275.42	9.85	1395961.21	3185729.42	40.418398	-104.832945
	7390.00	81.84	271.22	7034.45	1364.80	256.41	-1366.25	8.60	1395961.99	3185638.59	40.418402	-104.833272
	7483.00	90.22	270.53	7040.88	1457.47	257.83	-1458.93	9.04	1395962.70	3185545.90	40.418406	-104.833605
	7576.00	90.26	271.12	7040.49	1550.45	259.16	-1551.92	0.64	1395963.33	3185452.91	40.418409	-104.833939
	7669.00	90.28	269.66	7040.05	1643.44	259.80	-1644.92	1.57	1395963.26	3185359.91	40.418411	-104.834272
	7762.00	90.37	270.00	7039.52	1736.44	259.52	-1737.91	0.38	1395962.28	3185266.92	40.418410	-104.834606
	7854.00	90.62	270.59	7038.73	1828.43	260.00	-1829.91	0.70	1395962.06	3185174.93	40.418411	-104.834937
	7948.00	89.84	269.04	7038.35	1922.42	259.69	-1923.90	1.85	1395961.04	3185080.95	40.418411	-104.835274
	8041.00	90.20	269.54	7038.32	2015.42	258.54	-2016.90	0.66	1395959.18	3184987.97	40.418407	-104.835608
	8134.00	90.17	268.89	7038.02	2108.42	257.27	-2109.89	0.70	1395957.21	3184894.99	40.418404	-104.835942
	8226.00	89.67	268.70	7038.15	2200.41	255.33	-2201.87	0.58	1395954.58	3184803.04	40.418399	-104.836273
	8319.00	90.15	269.78	7038.29	2293.40	254.10	-2294.86	1.27	1395952.64	3184710.06	40.418395	-104.836607
	8412.00	90.29	269.27	7037.94	2386.40	253.33	-2387.85	0.57	1395951.16	3184617.08	40.418393	-104.836941
	8506.00	90.15	269.51	7037.58	2480.40	252.33	-2481.85	0.30	1395949.45	3184523.10	40.418390	-104.837278
	8600.00	90.10	268.86	7037.37	2574.39	250.99	-2575.84	0.69	1395947.40	3184429.13	40.418387	-104.837616
	8692.00	90.05	270.16	7037.25	2666.39	250.20	-2667.83	1.41	1395945.92	3184337.14	40.418384	-104.837946
	8785.00	90.15	269.58	7037.09	2759.39	249.99	-2760.83	0.63	1395945.00	3184244.15	40.418384	-104.838280
	8878.00	90.45	270.57	7036.80	2852.38	250.11	-2853.83	1.11	1395944.42	3184151.16	40.418384	-104.838614
	8972.00	90.02	268.76	7036.22	2946.38	249.56	-2947.82	1.98	1395943.16	3184057.18	40.418383	-104.838952
	9065.00	90.70	271.16	7035.63	3039.37	249.50	-3040.81	2.68	1395942.39	3183964.19	40.418382	-104.839286
	9159.00	90.65	270.48	7034.52	3133.34	250.84	-3134.79	0.73	1395943.02	3183870.21	40.418386	-104.839623
	9252.00	89.95	268.87	7034.04	3226.34	250.32	-3227.79	1.89	1395941.79	3183777.22	40.418385	-104.839957
	9345.00	90.25	269.81	7033.87	3319.34	249.24	-3320.78	1.06	1395940.01	3183684.25	40.418382	-104.840291
	9438.00	89.82	268.27	7033.82	3412.33	247.69	-3413.76	1.72	1395937.75	3183591.28	40.418377	-104.840625
	9532.00	90.13	269.05	7033.86	3506.31	245.49	-3507.74	0.89	1395934.84	3183497.33	40.418371	-104.840963
	9624.00	91.01	270.55	7032.94	3598.30	245.17	-3599.73	1.89	1395933.83	3183405.35	40.418370	-104.841293
	9717.00	90.20	268.00	7031.96	3691.29	243.99	-3692.71	2.88	1395931.94	3183312.38	40.418367	-104.841627
	9809.00	90.50	269.15	7031.40	3783.27	241.70	-3784.68	1.29	1395928.96	3183220.44	40.418361	-104.841957
	9903.00	90.30	268.55	7030.74	3877.25	239.82	-3878.65	0.67	1395926.36	3183126.48	40.418355	-104.842295
	9996.00	90.31	268.57	7030.25	3970.24	237.48	-3971.62	0.02	1395923.32	3183033.54	40.418349	-104.842629
	10088.00	90.42	268.49	7029.66	4062.21	235.12	-4063.59	0.15	1395920.26	3182941.63	40.418342	-104.842959
	10181.00	90.82	269.41	7028.66	4155.20	233.41	-4156.57	1.08	1395917.86	3182848.69	40.418338	-104.843293
	10275.00	90.46	268.91	7027.61	4249.19	232.04	-4250.55	0.66	1395915.77	3182754.67	40.418334	-104.843630
	10367.00	90.75	269.61	7026.63	4341.18	230.85	-4342.54	0.82	1395913.88	3182662.70	40.418331	-104.843961
	10459.00	90.66	270.31	7025.50	4433.17	230.78	-4434.53	0.77	1395913.12	3182570.71	40.418330	-104.844291
	10552.00	91.05	269.96	7024.11	4526.16	231.00	-4527.52	0.56	1395912.64	3182477.73	40.418331	-104.844625
	10645.00	90.75	270.23	7022.65	4619.15	231.16	-4620.51	0.43	1395912.09	3182384.74	40.418331	-104.844959
	10738.00	89.60	268.05	7022.37	4712.13	229.76	-4713.49	2.65	1395909.99	3182291.78	40.418327	-104.845293
	10830.00	89.81	267.30	7022.84	4804.08	226.03	-4805.41	0.85	1395905.56	3182199.89	40.418317	-104.845623
	10924.00	90.54	268.34	7022.56	4898.02	222.45	-4899.34	1.35	1395901.27	3182106.00	40.418307	-104.845960
	11017.00	91.10	269.93	7021.22	4991.01	221.05	-4992.32	1.81	1395899.16	3182013.04	40.418303	-104.846294
	11110.00	90.89	269.95	7019.61	5083.99	220.95	-5085.31	0.23	1395898.36	3181920.06	40.418303	-104.846628
	11202.00	90.88	270.35	7018.19	5175.98	221.19	-5177.29	0.43	1395897.91	3181828.07	40.418304	-104.846958
	11295.00	90.47	270.28	7017.09	5268.97	221.70	-5270.29	0.45	1395897.71	3181735.08	40.418305	-104.847292
	11388.00	90.26	269.31	7016.50	5361.96	221.37	-5363.28	1.07	1395896.68	3181642.10	40.418304	-104.847626
	11481.00	89.70	269.85	7016.53	5454.96	220.69	-5456.28	0.84	1395895.29	3181549.11	40.418302	-104.847960
	11574.00	89.65	269.82	7017.06	5547.96	220.42	-5549.28	0.06	1395894.32	3181456.12	40.418301	-104.848294
	11670.00	89.75	268.86	7017.56	5643.95	219.32	-5645.27	1.01	1395892.48	3181360.15	40.418298	-104.848639
	11763.00	89.67	269.79	7018.03	5736.95	218.22	-5738.26	1.00	1395890.68	3181267.17	40.418295	-104.848973
	11856.00	89.66	269.45	7018.58	5829.95	217.60	-5831.26	0.37	1395889.36	3181174.18	40.418293	-104.849307
	11949.00	90.02	270.23	7018.84	5922.95	217.34	-5924.25	0.92	1395888.40	3181081.19	40.418293	-104.849641
	12042.00	90.10	270.56	7018.74	6015.94	217.99	-6017.25	0.37	1395888.34	3180988.20	40.418294	-104.849975
	12137.00	90.12	270.11	7018.56	6110.93	218.54	-6112.25	0.47	1395888.17	3180893.20	40.418296	-104.850316
	12230.00	89.60	268.86	7018.79	6203.93	217.70	-6205.24	1.46	1395886.63	3180800.22	40.418293	-104.850650
	12324.00	90.06	269.92	7019.06	6297.93	216.70	-6299.24	1.23	1395884.92	3180706.24	40.418291	-104.850988
	12418.00	90.30	271.11	7018.77	6391.92	217.55	-6393.23	1.29	1395885.05	3180612.25	40.418293	-104.851325
	12512.00	89.91	269.55	7018.60	6485.91	218.09	-6487.23	1.71	1395884.88	3180518.26	40.418294	-104.851663
	12604.00	90.11	270.92	7018.58	6577.90	218.47	-6579.22	1.50	1395884.56	3180426.26	40.418295	-104.851993
	12698.00	90.17	270.73	7018.35	6671.88	219.82	-6673.21	0.21	1395885.20	3180332.27	40.418299	-104.852331
	12791.00	89.79	270.62	7018.38	6764.87	220.92	-6766.21	0.43	1395885.59	3180239.27	40.418302	-104.852665
	12884.00	89.07	270.25	7019.31	6857.85	221.62	-6859.20	0.87	1395885.60	3180146.28	40.418304	-104.852999
	12978.00	89.09	270.54	7020.82	6951.83	222.27	-6953.18	0.31	1395885.53	3180052.30	40.418305	-104.853336
	13072.00	89.15	269.98	7022.26	7045.82	222.70	-7047.17	0.60	1395885.25	3179958.32	40.418307	-104.853674
	13166.00	88.96	269.71	7023.81	7139.80	222.44	-7141.16	0.35	1395884.28	3179864.34	40.418306	-104.854011
	13259.00	89.28	270.22	7025.24	7232.79	222.39	-7234.15	0.65	1395883.52	3179771.36	40.418306	-104.854345
	13352.00	88.83	269.71	7026.77	7325.78	222.33	-7327.13	0.73	1395882.76	3179678.38	40.418305	-104.854679
	13444.00	88.87	268.25	7028.62	7417.75	220.69	-7419.10	1.59	1395880.43	3179586.43	40.418301	-104.855010
	13537.00	88.64	267.99	7030.64	7510.69	217.64	-7512.02	0.37	1395876.67	3179493.53	40.418292	-104.855343
	13630.00	89.13	268.01	7032.45	7603.63	214.40	-7604.95	0.53	1395872.72	3179400.64	40.418283	-104.855677
	13722.00	90.37	268.85	7032.85	7695.61	211.88	-7696.91	1.63	1395869.51	3179308.70	40.418276	-104.856007
	13816.00	90.57	269.51	7032.08	7789.60	210.53	-7790.90	0.73	1395867.45	3179214.73	40.418273	-104.856345
	13909.00	90.51	269.02	7031.20	7882.59	209.34	-7883.89	0				

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
	16880.00	90.70	271.36	7015.50	10853.16	195.25	-10854.42	1.32	1395828.96	3176151.53	40.418227	-104.867347
	16972.00	90.50	270.62	7014.53	10945.13	196.84	-10946.40	0.83	1395829.86	3176059.55	40.418232	-104.867677
	17065.00	89.46	269.38	7014.57	11038.13	196.84	-11039.40	1.74	1395829.15	3175966.56	40.418232	-104.868011
Last SLB_MWD Survey	17158.00	88.93	268.63	7015.87	11131.11	195.22	-11132.38	0.99	1395826.83	3175873.60	40.418227	-104.868345
Projection to Bit	17180.00	88.93	268.63	7016.28	11153.11	194.70	-11154.37	0.00	1395826.14	3175851.62	40.418226	-104.868424

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	20.000	1/98.425	13.500	9.625	NAL_MWD_IFR1-Depth Only	Original Hole / Bost Farm 31N-11C-L IFR 0' to 17180' Definitive
	1	20.000	20.000	Act Stns	13.500	9.625	NAL_MWD_IFR1-Depth Only	Original Hole / Bost Farm 31N-11C-L IFR 0' to 17180' Definitive
	1	20.000	1797.000	Act Stns	13.500	9.625	NAL_MWD_IFR1	Original Hole / Bost Farm 31N-11C-L IFR 0' to 17180' Definitive
	1	1797.000	17180.000	Act Stns	8.500	5.500	NAL_MWD_IFR1+MS	Original Hole / Bost Farm 31N-11C-L IFR 0' to 17180' Definitive



SRC Energy

Schlumberger

Borehole:	Well:	Field:	Structure:
Original Hole	Bost Farm 31N-11C-L	CO, Weld County (NAD 83 NZ) - SRC	SRC Energy 07-05N-66W (Bost Farm 5-7 Pad DSU 22)

Gravity & Magnetic Parameters						Surface Location						NAD83 Colorado State Plane, Northern Zone, US Feet						Miscellaneous					
Model:	Magvar IFR		Dip:	66.61°		Date:	23-Jul-2019		Lat:	N 40 25 3.71		Northing:	1395715.94ftUS		Grid Conv:	0.434°		Slot:	Bost Farm 31N-11C-L		TVD Ref:	KB 20ft(4898ft above MSL)	
MagDec:	7.61°		FS:	52245nT		Gravity FS:	999.026mgn (9.80665 Based)		Lon:	W 104 49 42.11		Easting:	3187006.68ftUS		Scale Fact:	0.99996108		Plan:	Bost Farm 31N-11C-L IFR 0' to 17180' Definitive				

Final Pva

