

Lincoln State 1N-17C-M IFR 0' to 15489' Definitive Survey Geodetic Report

(Def Survey)

Report Date: May 22, 2020 - 04:09 PM
Client: PDC Energy
Field: CO, Weld County (NAD 83 NZ) - 2019
Structure / Slot: PDC Energy 18-06N-66W (Lincoln State 3-18 Pad DSU 59) / Lincoln State 1N-17C-M
Well: Lincoln State 1N-17C-M
Borehole: Original Hole
UWI / API#: Unknown / 05-123-46758
Survey Name: Lincoln State 1N-17C-M IFR 0' to 15489' Definitive
Survey Date: February 17, 2020
Tort / AHD / DDI / ERD Ratio: 215.919 ° / 9065.203 ft / 6.624 / 1.259
Coordinate Reference System: NAD83 Colorado State Plane, Northern Zone, US Feet
Location Lat / Long: N 40° 29' 30.94080", W 104° 49' 24.80520"
Location Grid N/E Y/X: N 1422767.425 ftUS, E 3188139.087 ftUS
CRS Grid Convergence Angle: 0.4371 °
Grid Scale Factor: 0.99996568
Version / Patch: 2.10.787.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 88.510 ° (True North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: KB 20ft
TVD Reference Elevation: 4871.000 ft above MSL
Seabed / Ground Elevation: 4851.000 ft above MSL
Magnetic Declination: 7.599 °
Total Gravity Field Strength: 999.0417mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 52305.000 nT
Magnetic Dip Angle: 66.790 °
Declination Date: May 18, 2020
Magnetic Declination Model: Magvar IFR
North Reference: True North
Grid Convergence Used: 0.0000 °
Total Corr Mag North-True North: 7.5990 °
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	1422767.42	3188139.09	40.491928	-104.823557
Adjusted KB	20.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	1422767.42	3188139.09	40.491928	-104.823557
Begin												
SLB_MWD	151.00	0.27	176.71	151.00	0.01	-0.31	0.02	0.21	1422767.12	3188139.11	40.491927	-104.823557
Survey												
	241.00	0.35	134.67	241.00	0.21	-0.71	0.23	0.26	1422766.71	3188139.32	40.491926	-104.823556
	334.00	0.93	95.41	333.99	1.15	-0.98	1.18	0.75	1422766.45	3188140.27	40.491925	-104.823553
	424.00	1.46	82.89	423.97	3.02	-0.91	3.04	0.65	1422766.54	3188142.14	40.491925	-104.823546
	514.00	2.03	76.77	513.93	5.72	-0.40	5.73	0.67	1422767.06	3188144.82	40.491927	-104.823536
	604.00	2.12	75.93	603.87	8.91	0.37	8.90	0.11	1422767.86	3188147.98	40.491929	-104.823525
	694.00	1.94	73.46	693.82	12.00	1.20	11.97	0.22	1422768.72	3188151.05	40.491931	-104.823514
	784.00	2.30	73.95	783.75	15.22	2.14	15.17	0.40	1422769.68	3188154.24	40.491934	-104.823502
	874.00	1.33	95.85	873.71	18.00	2.53	17.95	1.31	1422770.09	3188157.01	40.491935	-104.823492
	964.00	0.88	123.79	963.69	19.61	2.04	19.56	0.77	1422769.61	3188158.63	40.491934	-104.823487
	1054.00	0.93	145.82	1053.68	20.56	1.05	20.54	0.39	1422768.63	3188159.62	40.491931	-104.823483
	1144.00	0.31	140.84	1143.68	21.11	0.26	21.11	0.69	1422767.84	3188160.19	40.491929	-104.823481
	1234.00	0.31	180.81	1233.67	21.25	-0.18	21.26	0.24	1422767.41	3188160.34	40.491928	-104.823481
	1324.00	0.04	62.31	1323.67	21.26	-0.40	21.28	0.37	1422767.18	3188160.37	40.491927	-104.823480
	1414.00	0.18	319.75	1413.67	21.20	-0.28	21.22	0.21	1422767.31	3188160.31	40.491927	-104.823481
	1504.00	0.22	324.56	1503.67	21.02	-0.03	21.03	0.05	1422767.55	3188160.11	40.491928	-104.823481
	1594.00	0.40	304.07	1593.67	20.67	0.28	20.67	0.23	1422767.87	3188159.75	40.491929	-104.823483
	1684.00	0.35	297.46	1683.67	20.17	0.59	20.16	0.07	1422768.17	3188159.24	40.491930	-104.823485
	1744.00	0.35	296.35	1743.67	19.85	0.75	19.84	0.01	1422768.33	3188158.92	40.491930	-104.823486
9 5/8" Casing	1816.00	0.24	270.86	1815.67	19.51	0.85	19.49	0.24	1422768.43	3188158.57	40.491930	-104.823487
	1857.00	0.21	246.75	1856.67	19.35	0.82	19.34	0.24	1422768.40	3188158.42	40.491930	-104.823487
	1950.00	0.15	1.20	1949.67	19.20	0.88	19.18	0.33	1422768.45	3188158.26	40.491930	-104.823488
	2042.00	0.13	49.84	2041.67	19.29	1.07	19.26	0.13	1422768.64	3188158.34	40.491931	-104.823488
	2135.00	0.04	192.49	2134.67	19.36	1.10	19.34	0.18	1422768.67	3188158.42	40.491931	-104.823487
	2227.00	0.08	112.56	2226.67	19.41	1.05	19.39	0.09	1422768.62	3188158.47	40.491931	-104.823487
	2320.00	0.02	181.13	2319.67	19.47	1.01	19.45	0.08	1422768.58	3188158.53	40.491931	-104.823487
	2412.00	0.11	26.84	2411.67	19.51	1.07	19.49	0.14	1422768.64	3188158.57	40.491931	-104.823487
	2505.00	0.07	343.92	2504.67	19.54	1.20	19.51	0.08	1422768.78	3188158.59	40.491931	-104.823487
	2597.00	0.02	179.67	2596.67	19.52	1.24	19.50	0.10	1422768.81	3188158.57	40.491931	-104.823487
	2691.00	0.07	144.53	2690.67	19.56	1.18	19.53	0.06	1422768.75	3188158.61	40.491931	-104.823487
	2784.00	0.10	356.01	2783.67	19.58	1.21	19.56	0.18	1422768.79	3188158.64	40.491931	-104.823487
	2877.00	0.08	256.24	2876.67	19.52	1.28	19.49	0.15	1422768.85	3188158.57	40.491932	-104.823487
	2970.00	0.10	168.09	2969.67	19.47	1.18	19.44	0.14	1422768.76	3188158.52	40.491931	-104.823487
	3063.00	0.11	296.39	3062.67	19.40	1.14	19.38	0.20	1422768.72	3188158.46	40.491931	-104.823487
	3156.00	0.11	173.49	3155.67	19.33	1.09	19.31	0.21	1422768.67	3188158.39	40.491931	-104.823488
	3249.00	0.10	196.89	3248.67	19.32	0.93	19.30	0.05	1422768.50	3188158.38	40.491931	-104.823488
	3342.00	0.08	271.52	3341.67	19.23	0.85	19.21	0.12	1422768.42	3188158.29	40.491930	-104.823488
	3434.00	0.05	243.31	3433.67	19.12	0.84	19.11	0.05	1422768.41	3188158.19	40.491930	-104.823488
	3527.00	0.05	21.51	3526.67	19.10	0.85	19.09	0.10	1422768.42	3188158.17	40.491930	-104.823488
	3619.00	0.08	186.21	3618.67	19.11	0.83	19.10	0.14	1422768.40	3188158.17	40.491930	-104.823488
	3712.00	0.03	46.33	3711.67	19.12	0.78	19.11	0.11	1422768.35	3188158.19	40.491930	-104.823488
	3805.00	0.02	13.18	3804.67	19.14	0.81	19.13	0.02	1422768.38	3188158.21	40.491930	-104.823488
	3899.00	0.05	117.06	3898.67	19.18	0.81	19.17	0.06	1422768.38	3188158.25	40.491930	-104.823488
	3991.00	0.06	243.52	3990.67	19.17	0.77	19.16	0.11	1422768.34	3188158.24	40.491930	-104.823488
	4084.00	0.02	209.71	4083.67	19.12	0.73	19.11	0.05	1422768.31	3188158.19	40.491930	-104.823488
	4177.00	2.19	329.71	4176.64	18.26	2.26	18.20	2.37	1422769.82	3188157.27	40.491934	-104.823492
	4270.00	4.00	296.51	4269.51	14.54	5.24	14.41	2.66	1422772.77	3188153.45	40.491942	-104.823505
	4363.00	5.83	328.32	4362.18	9.30	10.71	9.02	3.46	1422778.20	3188148.02	40.491957	-104.823525
	4456.00	8.41	336.52	4454.46	4.37	20.97	3.83	2.97	1422788.42	3188142.76	40.491986	-104.823543
	4549.00	10.81	334.77	4546.15	-1.69	35.10	-2.60	2.60	1422802.50	3188136.22	40.492024	-104.823566
	4642.00	10.55	5.31	4637.61	-4.19	51.47	-5.53	6.02	1422818.85	3188133.16	40.492069	-104.823577
	4736.00	11.35	345.74	4729.93	-5.22	69.01	-7.01	4.02	1422836.38	3188131.55	40.492117	-104.823582
	4829.00	12.24	342.12	4820.96	-10.02	87.27	-12.29	1.24	1422854.59	3188126.13	40.492168	-104.823601
	4921.00	11.50	337.84	4911.00	-16.01	105.04	-18.75	1.25	1422872.32	3188119.54	40.492216	-104.823624
	5013.00	10.50	341.24	5001.31	-21.74	121.47	-24.90	1.30	1422888.70	3188113.26	40.492261	-104.823647
	5106.00	10.16	340.20	5092.80	-26.83	137.21	-30.41	0.42	1422904.40	3188107.63	40.492305	-104.823666
	5198.00	8.82	337.74	5183.54	-31.88	151.38	-35.83	1.52	1422918.52	3188102.11	40.492344	-104.823686
	5291.00	10.52	340.86	5275.22	-36.98	166.00	-41.31	1.91	1422933.10	3188096.51	40.492384	-104.823706
	5384.00	10.49	343.11	5366.66	-41.80	182.12	-46.56	0.44	1422949.18	3188091.14	40.492428	-104.823724
	5476.00	10.39	342.38	5457.13	-46.33	198.04	-51.50	0.18	1422965.06	3188086.08	40.492472	-104.823742
	5569.00	10.22	342.64	5548.63	-50.92	213.91	-56.50	0.19	1422980.89	3188080.96	40.492515	-104.823760
	5662.00	10.44	342.11	5640.13	-55.55	229.80	-61.55	0.26	1422996.74	3188075.79	40.492559	-104.823778
	5755.00	9.73	344.50	5731.69	-59.84	245.39	-66.24	0.89	1423012.30	3188070.38	40.492602	-104.823795
	5848.00	10.37	342.90	5823.26	-63.99	260.97	-70.80	0.75	1423027.83	3188066.30	40.492644	-104.823812
	5941.00	10.44	343.16	5914.73	-68.47	277.03	-75.70	0.09	1423043.86	3188061.28	40.492688	-104.823829
	6034.00	10.31	342.06	6006.21	-73.06	293.01	-80.71	0.25	1423059.80	3188056.15	40.492732	-104.823847
	6127.00	10.21	342.98	6097.73	-77.63	308.81	-85.68	0.21	1423075.56	3188051.05	40.492776	-104.823865
	6219.00	10.19	339.12	6188.27	-82.51	324.21	-90.97	0.74	1423090.92	3188045.65	40.492818	-104.823884
	6311.00	10.41	340.93	6278.79	-87.72	339.67	-96.59	0.43	1423106.34	3188039.91	40.492860	-104.823904
	6404.00	10.33	342.48	6370.27	-92.56	355.56	-101.84	0.31	1423122.19	3188034.54	40.492904	-104.823923
	6497.00	10.34	16.88	6461.85	-92.23	371.52	-101.93	6.54	1423138.14	3188034.33	40.492948	-104.823923
	6591.00	16.02	57.57	6553.52	-78.41	386.59	-88.49	11.22	1423153.31	3188047.65	40.492989	-104.823875
	6683.00	21.84	63.65	6640.51	-51.97	401.01	-62.42	6.67	1423167.93	3188073.61	40.493029	-104.823781
	6775.00											

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
	6867.00	33.92	72.12	6803.20	27.99	432.35	16.75	7.39	1423199.88	3188152.54	40.493115	-104.823497
	6960.00	41.10	75.81	6876.93	82.78	447.84	71.16	8.09	1423215.78	3188206.83	40.493157	-104.823301
	7053.00	47.11	78.21	6943.69	146.18	462.31	134.21	6.71	1423230.72	3188269.76	40.493197	-104.823074
	7145.00	53.25	81.43	7002.58	216.00	474.70	203.72	7.19	1423243.65	3188339.18	40.493231	-104.822825
	7237.00	61.10	87.54	7052.45	293.01	481.94	280.58	10.19	1423251.47	3188415.97	40.493251	-104.822548
	7332.00	71.43	86.97	7090.63	379.84	486.11	367.32	10.89	1423256.31	3188502.68	40.493262	-104.822236
	7424.00	77.22	88.37	7115.48	468.37	489.70	455.79	6.46	1423260.57	3188591.11	40.493272	-104.821918
	7516.00	81.40	87.49	7132.54	558.74	492.97	546.11	4.64	1423264.52	3188681.40	40.493281	-104.821594
	7609.00	87.29	85.98	7141.70	651.20	498.24	638.46	6.54	1423270.50	3188773.71	40.493296	-104.821261
	7702.00	88.14	86.32	7145.41	744.05	504.48	731.18	0.98	1423277.45	3188866.37	40.493313	-104.820928
	7795.00	88.36	89.31	7148.25	836.99	508.02	824.06	3.22	1423281.70	3188959.22	40.493322	-104.820594
	7888.00	89.08	88.74	7150.33	929.96	509.61	917.02	0.99	1423283.99	3189052.16	40.493327	-104.820260
	7980.00	89.16	89.26	7151.74	1021.95	511.21	1009.00	0.57	1423286.30	3189144.12	40.493331	-104.819929
	8074.00	89.03	88.90	7153.23	1115.93	512.72	1102.97	0.41	1423288.52	3189238.07	40.493335	-104.819591
	8167.00	89.31	89.06	7154.58	1208.92	514.37	1195.95	0.35	1423290.89	3189331.03	40.493340	-104.819257
	8261.00	88.83	89.79	7156.10	1302.89	515.32	1289.93	0.93	1423292.55	3189425.00	40.493342	-104.818919
	8354.00	90.02	88.75	7157.03	1395.88	516.50	1382.91	1.70	1423294.44	3189517.97	40.493346	-104.818585
	8446.00	89.79	89.00	7157.19	1487.87	518.31	1474.90	0.37	1423296.95	3189609.93	40.493351	-104.818254
	8539.00	89.61	88.33	7157.67	1580.87	520.48	1567.87	0.75	1423299.83	3189702.88	40.493356	-104.817920
	8631.00	89.47	89.16	7158.41	1672.87	522.49	1659.84	0.91	1423302.54	3189794.83	40.493362	-104.817589
	8724.00	89.89	88.97	7158.93	1765.86	524.01	1752.83	0.50	1423304.77	3189887.80	40.493366	-104.817255
	8816.00	89.93	88.21	7159.08	1857.86	526.27	1844.80	0.83	1423307.73	3189979.75	40.493372	-104.816924
	8909.00	89.74	88.37	7159.34	1950.86	529.05	1937.76	0.27	1423311.22	3190072.68	40.493380	-104.816590
	9001.00	89.65	89.50	7159.83	2042.85	530.76	2029.74	1.23	1423313.63	3190164.64	40.493385	-104.816259
	9094.00	89.58	88.77	7160.46	2135.85	532.16	2122.73	0.79	1423315.74	3190257.51	40.493388	-104.815925
	9186.00	89.91	89.47	7160.87	2227.84	533.57	2214.71	0.84	1423317.86	3190349.59	40.493392	-104.815594
	9278.00	89.64	88.41	7161.23	2319.83	535.28	2306.70	1.19	1423320.26	3190441.55	40.493397	-104.815264
	9371.00	89.65	88.44	7161.81	2412.83	537.83	2399.66	0.03	1423323.53	3190534.49	40.493404	-104.814929
	9464.00	89.47	88.50	7162.52	2505.83	540.32	2492.62	0.20	1423326.72	3190627.42	40.493411	-104.814595
	9557.00	88.93	88.96	7163.82	2598.82	542.38	2585.59	0.76	1423329.49	3190720.37	40.493416	-104.814261
	9650.00	88.76	88.93	7165.69	2691.80	544.09	2678.56	0.19	1423331.91	3190813.25	40.493421	-104.813927
	9742.00	88.73	88.63	7167.71	2783.77	546.05	2770.51	0.33	1423334.57	3190905.22	40.493426	-104.813596
	9835.00	88.56	90.23	7169.91	2876.73	546.97	2863.48	1.73	1423336.20	3190998.21	40.493429	-104.813262
	9929.00	88.64	89.35	7172.20	2970.68	547.32	2957.45	0.94	1423337.26	3191092.17	40.493430	-104.812924
	10022.00	89.14	89.25	7174.01	3063.65	548.45	3050.42	0.55	1423339.11	3191185.13	40.493433	-104.812590
	10114.00	89.69	89.34	7174.95	3155.64	549.58	3142.41	0.61	1423340.94	3191277.10	40.493436	-104.812259
	10208.00	90.01	88.57	7175.52	3249.63	551.30	3236.39	0.82	1423343.37	3191371.06	40.493441	-104.811921
	10300.00	89.61	88.28	7175.82	3341.63	553.83	3328.36	0.54	1423346.60	3191463.00	40.493448	-104.811590
	10392.00	89.82	88.44	7175.96	3433.63	556.46	3420.32	0.27	1423349.94	3191554.94	40.493455	-104.811260
	10484.00	89.93	89.13	7176.16	3525.63	558.41	3512.30	0.76	1423352.59	3191646.90	40.493460	-104.810929
	10577.00	89.74	87.96	7176.43	3618.63	560.77	3605.27	1.27	1423355.66	3191739.84	40.493467	-104.810595
	10671.00	89.95	88.16	7176.68	3712.63	563.95	3699.21	0.31	1423359.56	3191833.76	40.493475	-104.810257
	10767.00	89.50	89.77	7177.14	3808.62	565.69	3795.19	1.74	1423362.03	3191929.72	40.493480	-104.809912
	10859.00	89.83	88.90	7177.68	3900.61	566.76	3887.18	1.01	1423363.80	3192021.69	40.493483	-104.809581
	10953.00	89.38	88.67	7178.33	3994.60	568.75	3981.16	0.54	1423366.50	3192115.65	40.493488	-104.809243
	11048.00	88.90	88.89	7179.76	4089.59	570.77	4076.13	0.56	1423369.25	3192210.59	40.493494	-104.808902
	11141.00	89.10	89.12	7181.38	4182.57	572.39	4169.10	0.33	1423371.58	3192303.55	40.493498	-104.808568
	11234.00	89.61	88.17	7182.43	4275.57	574.59	4262.07	1.16	1423374.48	3192396.49	40.493504	-104.808233
	11326.00	89.95	89.20	7182.78	4367.56	576.70	4354.04	1.18	1423377.30	3192488.44	40.493510	-104.807903
	11419.00	89.53	89.25	7183.20	4460.55	577.95	4447.03	0.45	1423379.26	3192581.42	40.493513	-104.807568
	11513.00	89.91	88.89	7183.66	4554.55	579.48	4541.02	0.56	1423381.51	3192675.39	40.493517	-104.807230
	11605.00	89.65	89.24	7184.01	4646.54	580.98	4633.00	0.47	1423383.71	3192767.36	40.493522	-104.806900
	11698.00	89.79	88.77	7184.47	4739.54	582.60	4725.99	0.53	1423386.03	3192860.32	40.493526	-104.806565
	11790.00	89.77	88.41	7184.82	4831.54	584.86	4817.96	0.39	1423389.00	3192952.27	40.493532	-104.806235
	11885.00	87.41	93.39	7187.16	4926.39	583.37	4912.88	5.80	1423388.23	3193047.20	40.493528	-104.805893
	11977.00	89.61	89.15	7189.55	5018.23	581.33	5004.80	5.19	1423386.90	3193139.13	40.493522	-104.805563
	12070.00	90.31	87.04	7189.62	5111.22	584.43	5097.74	2.39	1423390.70	3193232.04	40.493531	-104.805229
	12163.00	88.57	88.81	7190.53	5204.20	587.79	5190.67	2.67	1423394.77	3193324.94	40.493540	-104.804895
	12256.00	90.40	86.89	7191.36	5297.18	591.28	5283.59	2.85	1423398.97	3193417.83	40.493549	-104.804561
	12349.00	90.25	87.83	7190.84	5390.16	595.57	5376.49	1.02	1423403.96	3193510.69	40.493561	-104.804227
	12442.00	90.20	87.39	7190.47	5483.15	599.44	5469.41	0.48	1423408.55	3193603.57	40.493572	-104.803892
	12535.00	90.16	88.26	7190.18	5576.14	602.97	5562.34	0.94	1423412.79	3193696.47	40.493581	-104.803558
	12628.00	89.45	89.76	7190.50	5669.13	604.58	5655.33	1.78	1423415.10	3193789.43	40.493586	-104.803224
	12721.00	90.05	88.93	7190.90	5762.12	605.64	5748.32	1.10	1423416.88	3193882.41	40.493589	-104.802890
	12813.00	90.49	87.79	7190.47	5854.12	608.28	5840.28	1.33	1423420.21	3193974.34	40.493596	-104.802559
	12908.00	90.10	88.15	7189.98	5949.11	611.64	5935.22	0.56	1423424.30	3194069.25	40.493605	-104.802218
	13000.00	90.10	89.04	7189.82	6041.11	613.90	6027.19	0.97	1423427.26	3194161.20	40.493611	-104.801887
	13096.00	90.00	88.58	7189.73	6137.11	615.89	6123.17	0.49	1423429.98	3194257.15	40.493616	-104.801542
	13190.00	89.96	88.53	7189.77	6231.11	618.26	6217.14	0.07	1423433.07	3194351.10	40.493623	-104.801204
	13282.00	90.22	90.47	7189.62	6323.09	619.06	6309.13	2.13	1423434.57	3194443.08	40.493625	-104.800873
	13375.00	89.88	89.05	7189.54	6416.07	619.45	6402.12	1.57	1423435.67	3194536.07	40.493626	-104.800539
	13467.00	89.67	88.56	7189.90	6508.06	621.37	6494.10	0.58	1423438.29	3194628.03	40.493631	-104.800208
	13559.00	89.65	89.03	7190.45	6600.06	623.31	6586.08	0.51	1423440.93	3194719.98	40.493636	-104.799878
	13653.00	89.80	87.94	7190.90	6694.06	625.79	6680.05	1.17	1423444.13	3194813.92	40.493643	-104.799540
	13745.00	89.42	88.63	7191.53	6786.06	628.55	6772.00	0.86	1423447.59	3194905.85	40.493651	-104.799209
	13837.00	89.08	88.65	7192.73	6878.05	630.73	6863.97	0.37	1423450.47	3194997.79	40.493657	-104.798879
	13930.00	89.66	88.86	7193.75	6971.04	632.75	6956.94	0.66	1423453.20	3195090.74	40.493662	-104.798544
	14023.00	89.59	88.57	7194.36	7064.04	634.83	7049.91	0.32	1423455.99	3195183.70	40.493668	-104.798210
	14115.00	89.60										

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
		1	0.000	20.000	1/98.425	13.500	9.625	NAL_MWD_IFR1-Depth Only		Original Hole / Lincoln State 1N-17C-M IFR 0' to 15489' Definitive		
		1	20.000	1816.000	Act Stns	13.500	9.625	NAL_MWD_IFR1		Original Hole / Lincoln State 1N-17C-M IFR 0' to 15489' Definitive		
		1	1816.000	15489.000	Act Stns	8.500	5.500	NAL_MWD_IFR1+MS+SAG		Original Hole / Lincoln State 1N-17C-M IFR 0' to 15489' Definitive		