

	INC	AZI	TVD	NS	EW	VSEC	DLS	S/STVD	LeaseN/S	LeaseEW	Northing	Easting	Latitude	Longitude
HEADER INFORMATION														
Company	Nemo Fund I, LLC													
Field	Lea NM													
Site Name	Larry 18SA													
Well Name	Unit 1-03H													
Wellpath Name	Wellbore #1													
Survey Name	AFE / OCS													
Survey Date	1/29/2017													
Survey Type	H 167 - 9950 SURVEY #1 - MWD+HRGM													
Depth Units	ft													
MAG DEC CORR: 6.17 TO GRID														
SURFACE LOCATION														
Site Northing	889458.74													
Site Easting	849514.31													
BOTTOM HOLE LOCATION														
BHL MD	9950													
BHL TVD	4991.37													
WELL INFORMATION														
Well Northing	889458.74													
Well Easting	849514.31													
Rig K/B	3980													
Vsec Angle	351.59													
Vsec North	0													
Vsec East	0													
SURVEY LIST														
MD	INC	AZI	TVD	NS	EW	VSEC	DLS	S/STVD	LeaseN/S	LeaseEW	Northing	Easting	Latitude	Longitude
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3980.00	0.00	0.00	889458.74	849514.31	33° 26' 23.37 N 103° 11' 15.41 W
167	1.00	71.74	166.99	0.46	1.38	0.25	0.60	-3813.01	0.46	1.38	889459.20	849515.69	33° 26' 23.37 N 103° 11' 15.40 W	
336	0.38	46.60	335.98	1.30	3.19	0.82	0.40	-3644.02	1.30	3.19	889460.04	849517.50	33° 26' 23.38 N 103° 11' 15.38 W	
479	0.44	38.87	478.98	2.06	3.88	1.47	0.06	-3501.02	2.06	3.88	889460.80	849518.19	33° 26' 23.39 N 103° 11' 15.37 W	
649	0.56	26.74	648.97	3.31	4.66	2.59	0.09	-3331.03	3.31	4.66	889462.05	849518.97	33° 26' 23.40 N 103° 11' 15.36 W	
820	0.56	19.00	819.96	4.84	5.31	4.01	0.04	-3160.04	4.84	5.31	889463.58	849519.62	33° 26' 23.41 N 103° 11' 15.35 W	
990	0.69	14.96	989.95	6.62	5.85	5.69	0.08	-2990.05	6.62	5.85	889465.36	849520.16	33° 26' 23.43 N 103° 11' 15.34 W	
1161	0.63	359.31	1160.94	8.55	6.10	7.57	0.11	-2819.06	8.55	6.10	889467.29	849520.41	33° 26' 23.45 N 103° 11' 15.34 W	
1331	0.63	1.25	1330.93	10.42	6.11	9.42	0.01	-2649.07	10.42	6.11	889469.16	849520.42	33° 26' 23.47 N 103° 11' 15.34 W	
1502	0.81	3.18	1501.92	12.57	6.20	11.53	0.11	-2478.08	12.57	6.20	889471.31	849520.51	33° 26' 23.49 N 103° 11' 15.34 W	
1672	0.75	329.96	1671.90	14.73	5.71	13.74	0.26	-2308.10	14.73	5.71	889473.47	849520.02	33° 26' 23.51 N 103° 11' 15.34 W	
1842	0.63	312.38	1841.89	16.32	4.46	15.50	0.14	-2138.11	16.32	4.46	889475.06	849518.77	33° 26' 23.53 N 103° 11' 15.36 W	
2013	0.25	311.33	2012.88	17.20	3.49	16.51	0.22	-1967.12	17.20	3.49	889475.94	849517.80	33° 26' 23.54 N 103° 11' 15.37 W	
2183	0.44	359.49	2182.88	18.10	3.20	17.44	0.19	-1797.12	18.10	3.20	889476.84	849517.51	33° 26' 23.54 N 103° 11' 15.37 W	
2240	0.44	356.33	2239.88	18.54	3.19	17.87	0.04	-1740.12	18.54	3.19	889477.28	849517.50	33° 26' 23.55 N 103° 11' 15.37 W	
2434	0.25	22.69	2433.87	19.67	3.30	18.98	0.13	-1546.13	19.67	3.30	889478.41	849517.61	33° 26' 23.56 N 103° 11' 15.37 W	
2605	0.06	137.13	2604.87	19.95	3.51	19.22	0.16	-1375.13	19.95	3.51	889478.69	849517.82	33° 26' 23.56 N 103° 11' 15.37 W	
2775	0.31	239.78	2774.87	19.66	3.17	18.98	0.19	-1205.13	19.66	3.17	889478.40	849517.48	33° 26' 23.56 N 103° 11' 15.37 W	
2945	0.69	215.53	2944.87	18.59	2.18	18.07	0.25	-1035.13	18.59	2.18	889477.33	849516.49	33° 26' 23.55 N 103° 11' 15.39 W	
3116	0.75	210.08	3115.85	16.78	1.02	16.46	0.05	-864.15	16.78	1.02	889475.52	849515.33	33° 26' 23.53 N 103° 11' 15.40 W	
3287	0.38	275.29	3286.85	15.87	-0.11	15.71	0.40	-693.15	15.87	-0.11	889474.61	849514.20	33° 26' 23.52 N 103° 11' 15.41 W	
3457	0.38	245.76	3456.84	15.69	-1.18	15.69	0.11	-523.16	15.69	-1.18	889474.43	849513.13	33° 26' 23.52 N 103° 11' 15.43 W	
3627	0.44	160.15	3626.84	14.84	-1.48	14.90	0.33	-353.16	14.84	-1.48	889473.58	849512.83	33° 26' 23.51 N 103° 11' 15.43 W	
3798	0.25	193.90	3797.84	13.86	-1.34	13.91	0.16	-182.16	13.86	-1.34	889472.60	849512.97	33° 26' 23.50 N 103° 11' 15.43 W	
3968	0.44	103.20	3967.83	13.35	-0.80	13.33	0.30	-12.17	13.35	-0.80	889472.09	849513.51	33° 26' 23.50 N 103° 11' 15.42 W	
4139	0.69	85.45	4138.83	13.29	0.87	13.02	0.18	158.83	13.29	0.87	889472.03	849515.18	33° 26' 23.50 N 103° 11' 15.40 W	
4309	0.50	95.47	4308.82	13.30	2.63	12.77	0.13	328.82	13.30	2.63	889472.04	849516.94	33° 26' 23.50 N 103° 11' 15.38 W	
4352	0.31	49.76	4351.82	13.35	2.90	12.79	0.84	371.82	13.35	2.90	889472.09	849517.21	33° 26' 23.50 N 103° 11' 15.38 W	
4394	0.38	73.49	4393.82	13.47	3.12	12.87	0.38	413.82	13.47	3.12	889472.21	849517.43	33° 26' 23.50 N 103° 11' 15.37 W	
4437	1.75	290.58	4436.81	13.74	2.65	13.20	4.80	456.81	13.74	2.65	889472.48	849516.96	33° 26' 23.50 N 103° 11' 15.38 W	
4480	4.56	296.74	4479.74	14.74	0.50	14.51	6.57	499.74	14.74	0.50	889473.48	849514.81	33° 26' 23.51 N 103° 11' 15.41 W	
4522	7.50	301.83	4521.50	16.94	-3.32	17.24	7.11	541.50	16.94	-3.32	889475.58	849510.99	33° 26' 23.53 N 103° 11' 15.45 W	
4565	10.50	304.30	4563.97	20.62	-8.94	21.71	7.03	583.97	20.62	-8.94	889479.36	849505.37	33° 26' 23.57 N 103° 11' 15.52 W	
4604	13.50	304.65	4602.11	25.22	-15.62	27.23	7.69	622.11	25.22	-15.62	889483.96	849498.69	33° 26' 23.62 N 103° 11' 15.59 W	
4647	17.63	308.87	4643.53	32.16	-24.82	35.44	9.95	663.53	32.16	-24.82	889490.90	849489.49	33° 26' 23.69 N 103° 11' 15.70 W	
4689	23.88	306.05	4682.78	41.16	-36.66	46.08	15.07	702.78	41.16	-36.66	889499.90	849477.65	33° 26' 23.78 N 103° 11' 15.84 W	
4732	29.81	306.76	4721.13	52.69	-52.27	59.77	13.81	741.13	52.69	-52.27	889511.43	849462.04	33° 26' 23.89 N 103° 11' 16.02 W	
4774	36.13	302.89	4756.35	65.68	-71.06	75.36	15.85	776.35	65.68	-71.06	889524.42	849443.25	33° 26' 24.02 N 103° 11' 16.24 W	
4817	42.69	299.37	4789.56	79.73	-84.43	92.68	16.11	809.56	79.73	-84.43	889538.47	849419.88	33° 26' 24.16 N 103° 11' 16.52 W	
4859	47.81	299.55	4819.12	94.40	-120.40	110.99	12.19	839.12	94.40	-120.40	889553.14	849393.91	33° 26' 24.31 N 103° 11' 16.62 W	
4902	53.60	300.60	4846.32	111.09	-149.19	131.71	13.80	866.32	111.09	-149.19	889569.83	849365.12	33° 26' 24.48 N 103° 11' 17.16 W	
4945	60.19	301.66	4869.76	129.72	-180.02	154.65	15.26	889.76	129.72	-180.02	889588.46	849334.29	33° 26' 24.67 N 103° 11' 17.52 W	
4987	65.38	302.54	4888.96	149.56	-211.64	178.91	12.50	908.96	149.56	-211.64	889608.30	849302.67	33° 26' 24.87 N 103° 11' 17.89 W	
5030	69.63	303.42	4905.41	171.19	-244.96	205.17	10.06	925.41	171.19	-244.96	889629.93	849269.35	33° 26' 25.09 N 103° 11' 18.28 W	
5072	72.69	303.24	4918.97	193.03	-278.17	231.63	7.30	938.97	193.03	-278.17	889651.77	849236.14	33° 26' 25.31 N 103° 11' 18.67 W	
5115	76.88	303.24	4930.26	215.77	-312.86	256.20	9.74	950.26	215.77	-312.86	889674.50	849201.45	33° 26' 25.53 N 103° 11' 19.08 W	
5157	80.63	304.30	4938.45	238.66	-347.10	286.86	9.27	958.45	238.66	-347.10	889697.40	849167.21	33° 26' 25.76 N 103° 11' 19.48 W	
5200	81.81	307.11	4945.01	263.46	-381.60	316.44	7.02	965.01	263.46	-381.60	889722.20	849132.71	33° 26' 26.01 N 103° 11' 19.88 W	
5243	82.19	310.27	4951.00	290.08	-414.83	347.63	7.33	971.00	290.08	-414.83	889748.81	849099.48	33° 26' 26.28 N 103° 11' 20.27 W	
5285	81.75	314.31	4956.87	318.05	-445.59	379.80	9.58	976.87	318.05	-445.59	889776.79	849068.72	33° 26' 26.56 N 103° 11' 20.63 W	
5328	81.94	318.01	4962.97	348.75	-475.07	414.48	8.53	982.97	348.75	-475.07	889807.49	849039.24	33° 26' 26.87 N 103° 11' 20.97 W	
5371	83.38	321.87	4968.46	381.38	-502.51	450.78	9.51	988.46	381.38	-502.51	889840.12	849011.80	33° 26' 27.19 N 103° 11' 21.29 W	
5413	84.25	325.74	4972.99	415.08	-527.16	487.71	9.39	992.99	415.08	-527.16	889873.81	848987.15	33° 26' 27.53 N 103° 11' 21.58 W	
5456	85.25	328.90	4976.92	451.11	-550.28	526.74	7.68	996.92	451.11	-550.28	889909.85	848964.04	33° 26' 27.89 N 103° 11' 21.85 W	
5499	85.44	332.42												

8239	88 81	357 56	4987 43	3214 97	-650 77	3275 58	3 35	1007 43	3214 97	-650 77	892673 70	848863 55	33° 26' 55.24 N	103° 11' 22.67 W
8324	88 81	358 08	4989 19	3299 89	-654 00	3360 06	0 61	1009 19	3299 89	-654 00	892758 62	848860 31	33° 26' 56.08 N	103° 11' 22.70 W
8409	90 19	358 08	4989 93	3384 84	-656 85	3444 51	1 62	1009 93	3384 84	-656 85	892843 57	848857 47	33° 26' 56.92 N	103° 11' 22.72 W
8494	90 69	358 08	4989 28	3469 79	-659 69	3528 96	0 59	1009 28	3469 79	-659 69	892928 52	848854 62	33° 26' 57.76 N	103° 11' 22.75 W
8580	91 19	358 44	4987 87	3555 73	-662 30	3614 36	0 72	1007 87	3555 73	-662 30	893014 47	848852 01	33° 26' 58.61 N	103° 11' 22.77 W
8665	90 81	359 67	4986 39	3640 71	-663 71	3698 63	1 51	1006 39	3640 71	-663 71	893099 44	848850 61	33° 26' 59.45 N	103° 11' 22.77 W
8750	90 44	1 07	4985 46	3725 70	-663 16	3782 63	1 70	1005 46	3725 70	-663 16	893184 43	848851 15	33° 27' 0.29 N	103° 11' 22.75 W
8836	89 75	358 08	4985 32	3811 69	-663 80	3867 78	3 57	1005 32	3811 69	-663 80	893270 42	848850 52	33° 27' 1.14 N	103° 11' 22.75 W
8921	89 31	358 96	4986 01	3896 65	-665 99	3952 16	1 16	1006 01	3896 65	-665 99	893355 39	848848 32	33° 27' 1.99 N	103° 11' 22.77 W
9006	88 56	1 42	4987 59	3981 63	-665 71	4036 18	3 03	1007 59	3981 63	-665 71	893440 36	848848 60	33° 27' 2.83 N	103° 11' 22.75 W
9091	88 94	0 90	4989 45	4066 59	-663 99	4119 98	0 76	1009 45	4066 59	-663 99	893525 33	848850 32	33° 27' 3.67 N	103° 11' 22.72 W
9177	89 69	1 78	4990 48	4152 56	-661 98	4204 73	1 34	1010 48	4152 56	-661 98	893611 29	848852 33	33° 27' 4.52 N	103° 11' 22.68 W
9261	90 31	0 02	4990 48	4236 55	-660 66	4287 62	2 22	1010 48	4236 55	-660 66	893695 28	848853 65	33° 27' 5.35 N	103° 11' 22.66 W
9347	91 06	359 49	4989 45	4322 54	-661 03	4372 74	1 07	1009 45	4322 54	-661 03	893781 27	848853 29	33° 27' 6.20 N	103° 11' 22.65 W
9432	90 63	359 84	4988 19	4407 53	-661 52	4456 89	0 65	1008 19	4407 53	-661 52	893866 26	848852 79	33° 27' 7.04 N	103° 11' 22.65 W
9517	90 69	359 84	4987 22	4492 52	-661 76	4541 00	0 07	1007 22	4492 52	-661 76	893951 25	848852 55	33° 27' 7.88 N	103° 11' 22.84 W
9602	90 50	0 37	4986 33	4577 52	-661 60	4625 06	0 66	1006 33	4577 52	-661 60	894036 25	848852 71	33° 27' 8.72 N	103° 11' 22.83 W
9688	89 89	1 25	4986 19	4663 51	-660 39	4709 95	1 39	1006 19	4663 51	-660 39	894122 24	848853 92	33° 27' 9.57 N	103° 11' 22.60 W
9773	89 19	1 60	4987 02	4748 48	-658 27	4793 69	0 72	1007 02	4748 48	-658 27	894207 21	848856 04	33° 27' 10.41 N	103° 11' 22.56 W
9859	88 56	1 95	4988 71	4834 42	-655 61	4878 32	0 84	1008 71	4834 42	-655 61	894293 15	848858 70	33° 27' 11.26 N	103° 11' 22.52 W
9903	88 25	1 60	4989 93	4878 38	-654 25	4921 61	1 06	1009 93	4878 38	-654 25	894337 11	848860 06	33° 27' 11.70 N	103° 11' 22.50 W
9950	88 25	1 60	4991 37	4925 34	-652 94	4967 87	0 00	1011 37	4925 34	-652 94	894384 07	848861 37	33° 27' 12.16 N	103° 11' 22.48 W