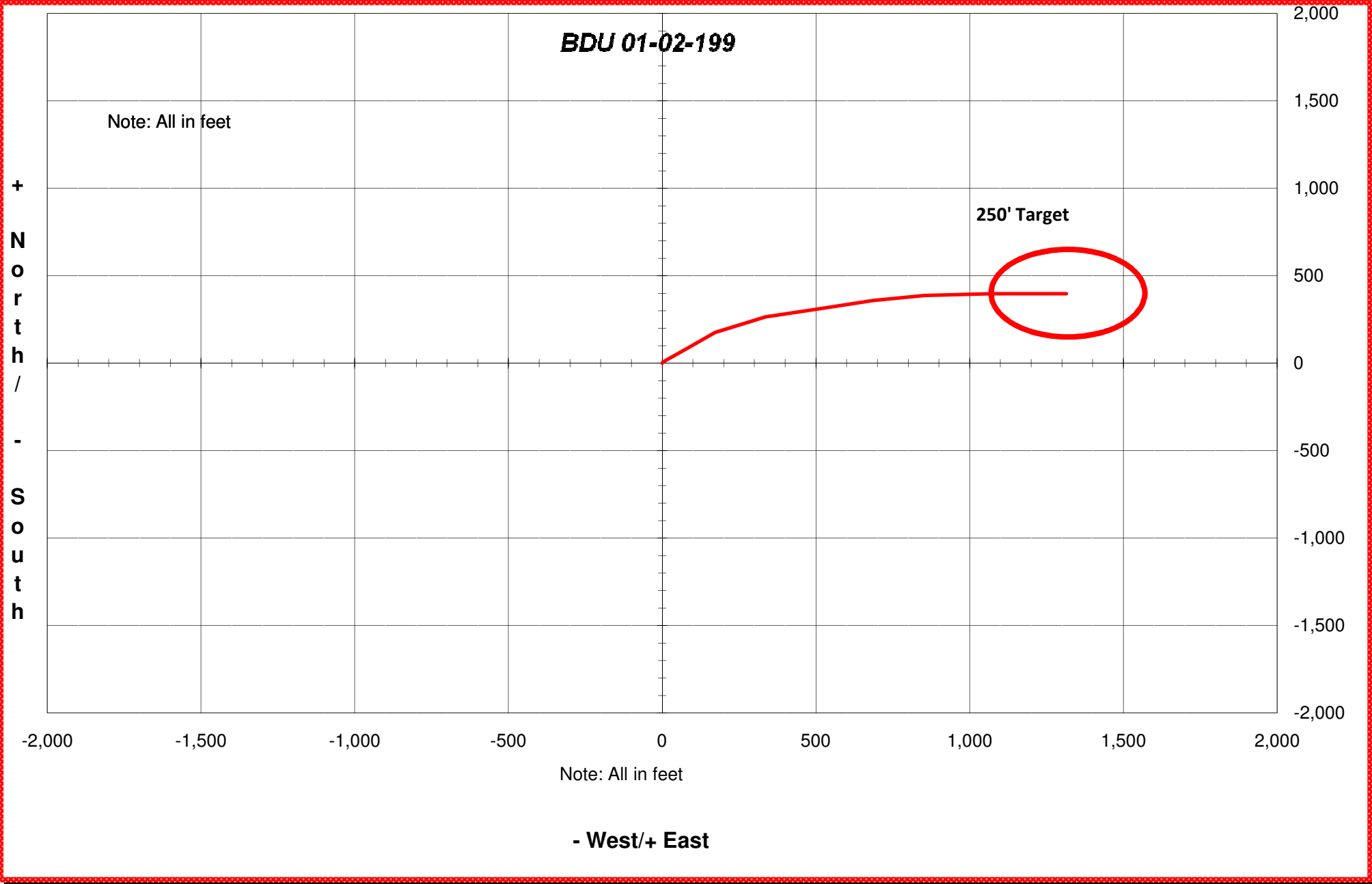


Mesa Energy Partners, LLC

DIRECTIONAL SURVEY DATA

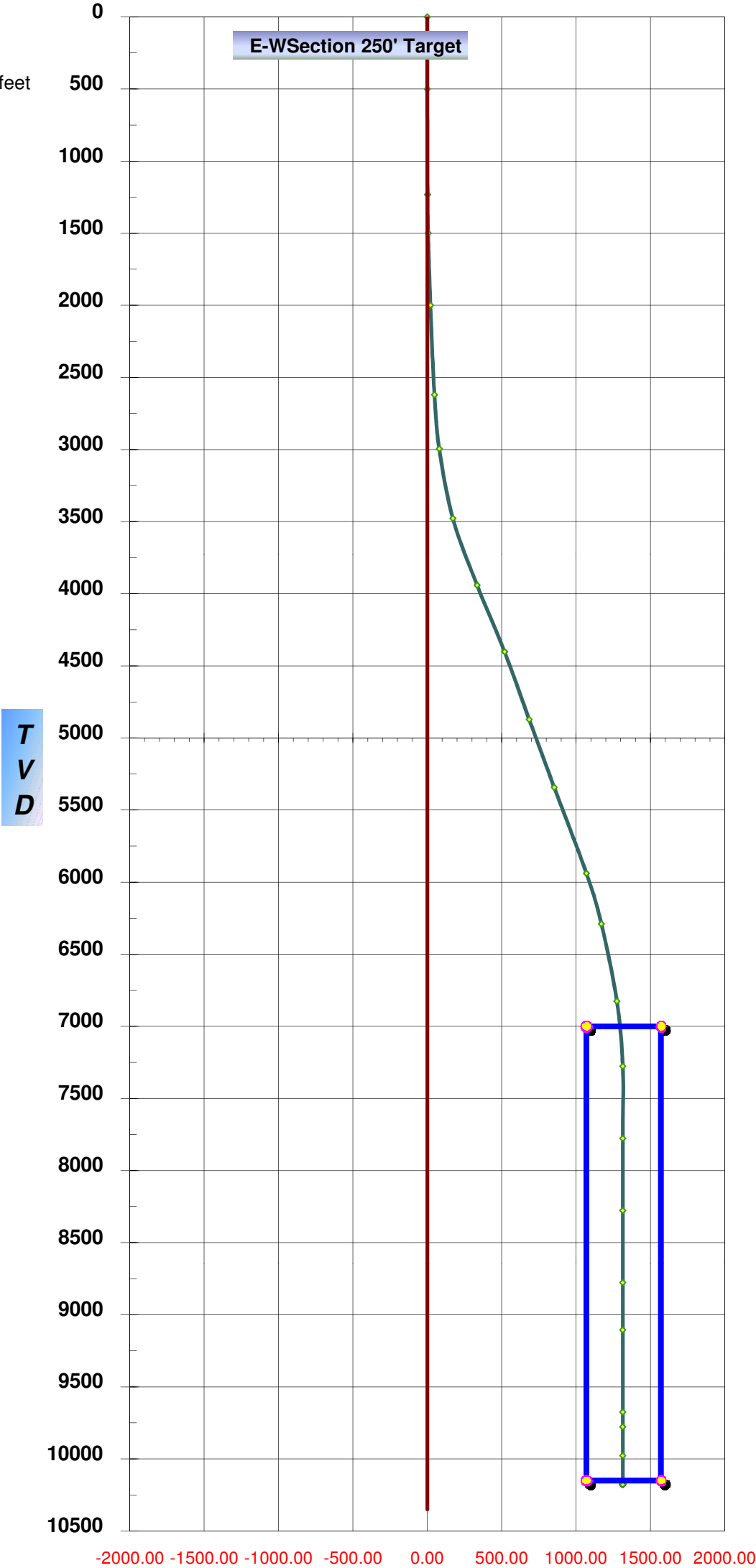
WELLNAME: BDU 01-02-199	RIG NUMBER: TBD
FIELD: Buckhorn Draw	COUNTY/STATE: Rio Blanco County, Colorado
TARGET AZIMUTH (0-360): 73 N73E	SPUD DATE: TBD

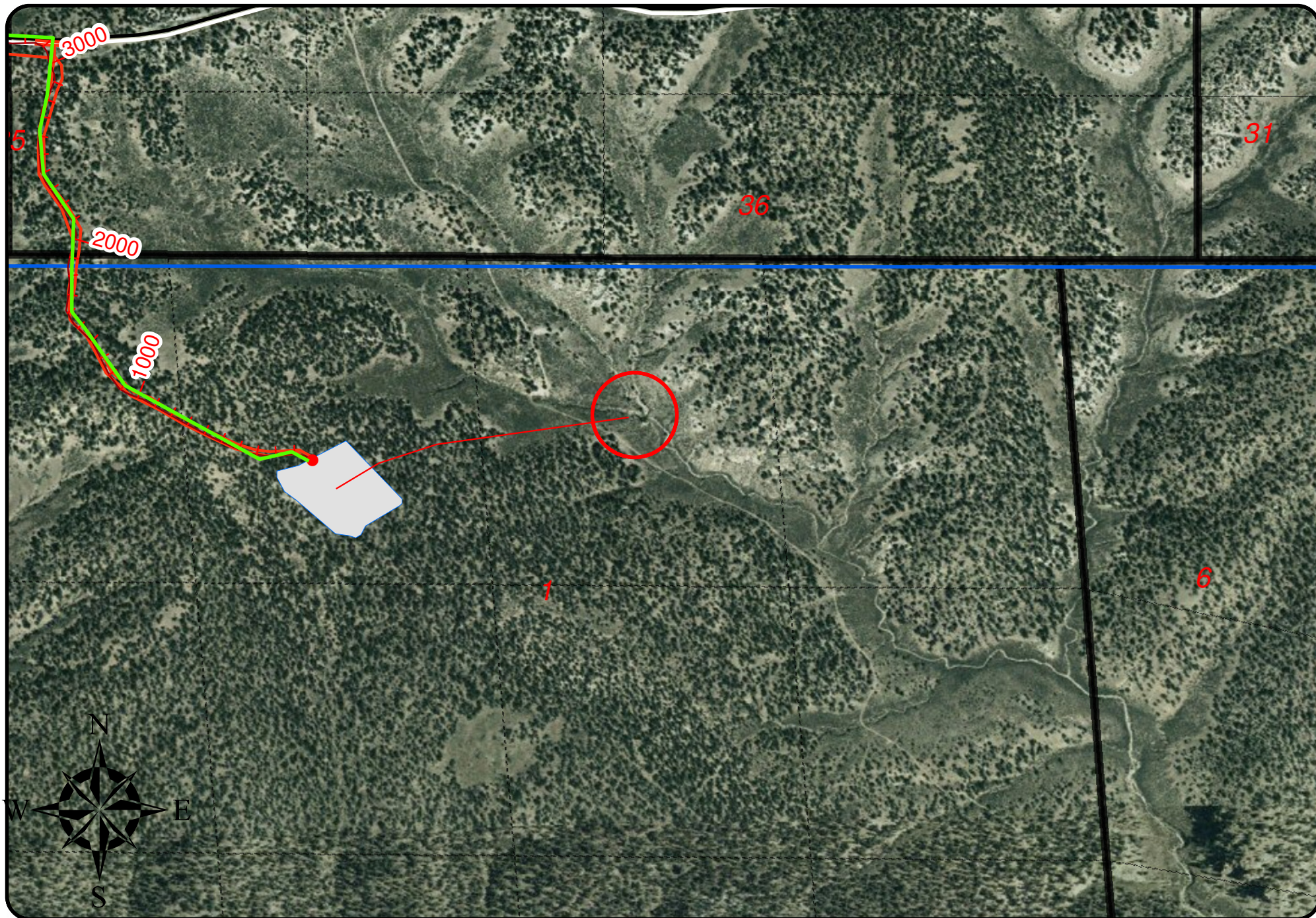
MEASURED DEPTH (FT.)	HOLE ANGLE (DEG)	HOLE AZIMUTH (0-360D)	TRUE VERTICAL DEPTH (FT.)	+NORTH -SOUTH (FT.)	+EAST -WEST (FT.)	CLOSURE (FT.)	TRUE VERTICAL SECTION (FT.)	DOGLEG SEVERITY (D/100')	+BUILD -DROP RATE (D/100')	WALK RATE +R/-L (D/100')
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
500.00	0.30	0.00	500.00	1.31	0.00	1.31	0.38	0.06	0.06	0.00
1232.00	0.50	45.00	1,231.98	5.48	2.26	5.93	3.76	0.05	0.03	6.15
1500.00	2.00	45.00	1,499.91	9.62	6.39	11.55	8.92	0.56	0.56	0.00
2000.00	3.00	45.00	1,999.43	25.04	21.81	33.21	28.18	0.20	0.20	0.00
2622.00	4.00	45.00	2,620.26	51.89	48.66	71.14	61.71	0.16	0.16	0.00
3000.00	10.00	45.00	2,995.27	84.45	81.22	117.17	102.36	1.59	1.59	0.00
3500.00	20.00	45.00	3,477.62	175.84	172.61	246.40	216.48	2.00	2.00	0.00
4000.00	25.00	75.00	3,940.92	263.99	335.76	427.11	398.27	2.47	1.00	6.00
4500.00	20.00	75.00	4,402.71	313.49	520.53	607.64	589.44	1.00	-1.00	0.00
5000.00	20.00	75.00	4,872.56	357.76	685.71	773.42	760.34	0.00	0.00	0.00
5500.00	20.00	85.00	5,342.54	387.35	853.53	937.31	929.48	0.68	0.00	2.00
6135.00	20.00	90.00	5,939.29	396.81	1070.31	1141.50	1139.56	0.27	0.00	0.79
6500.00	12.00	90.00	6,289.87	396.81	1170.84	1236.26	1235.70	2.19	-2.19	0.00
7046.00	10.00	90.00	6,825.81	396.81	1275.02	1335.34	1335.32	0.37	-0.37	0.00
7500.00	0.00	90.00	7,277.51	396.81	1314.54	1373.12	1373.11	2.20	-2.20	0.00
8000.00	0.00	90.00	7,777.51	396.81	1314.54	1373.12	1373.11	0.00	0.00	0.00
8500.00	0.00	90.00	8,277.51	396.81	1314.54	1373.12	1373.11	0.00	0.00	0.00
9000.00	0.00	90.00	8,777.51	396.81	1314.54	1373.12	1373.11	0.00	0.00	0.00
9328.00	0.00	90.00	9,105.51	396.81	1314.54	1373.12	1373.11	0.00	0.00	0.00
9898.00	0.00	90.00	9,675.51	396.81	1314.54	1373.12	1373.11	0.00	0.00	0.00
10000.00	0.00	90.00	9,777.51	396.81	1314.54	1373.12	1373.11	0.00	0.00	0.00
10200.00	0.00	90.00	9,977.51	396.81	1314.54	1373.12	1373.11	0.00	0.00	0.00
10400.00	0.00	90.00	10,177.51	396.81	1314.54	1373.12	1373.11	0.00	0.00	0.00



BDU 01-02-199

Note: All in feet





0 255 510 1,020 1,530 2,040 Feet

1 inch = 738 feet

01-02-199 Surface, BHL and trajectory
BHL is 1320' E and 400' N of Surface Location

MESA
ENERGY PARTNERS, LLC