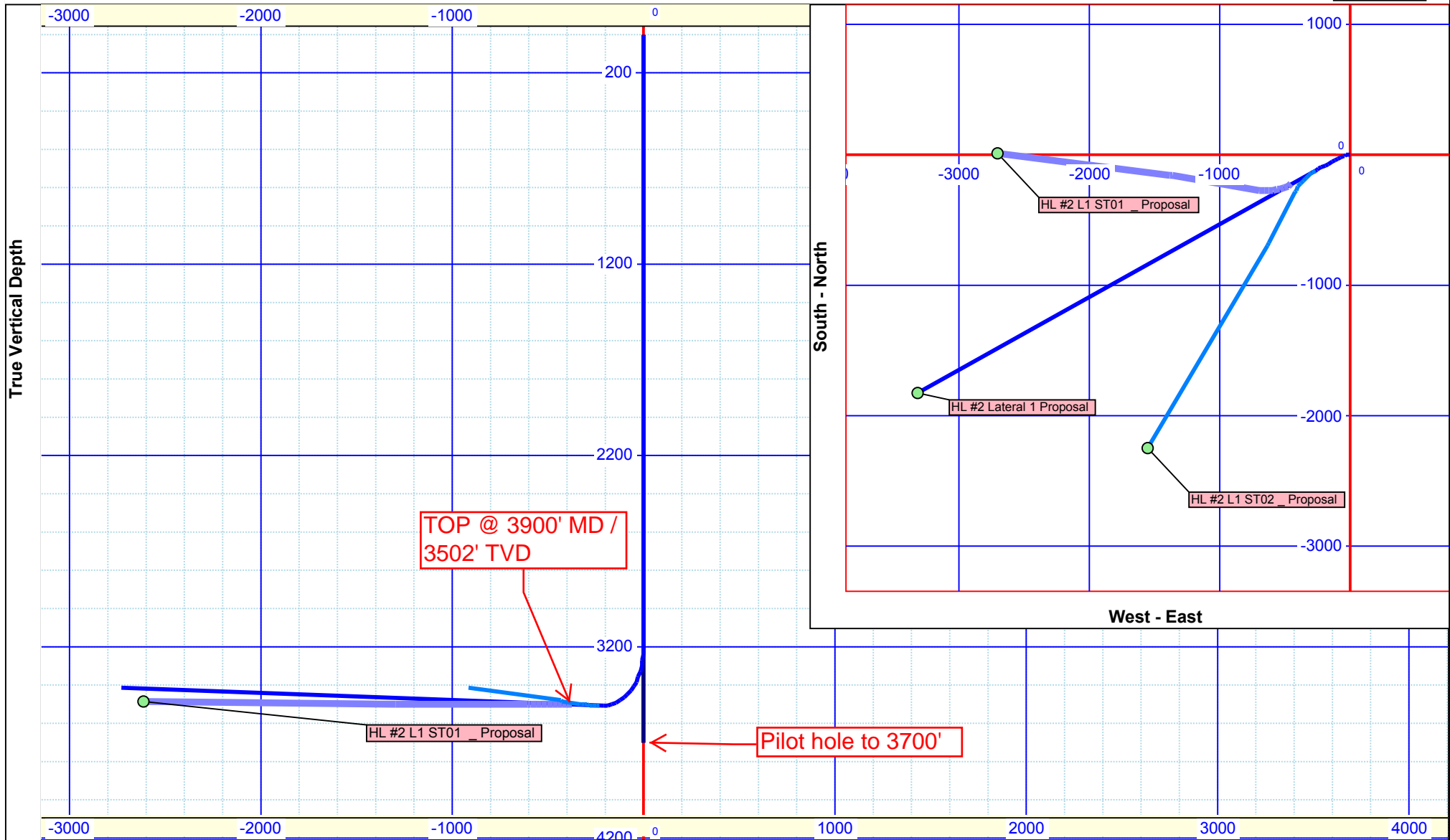
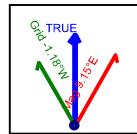




Job Number: BLM Unit
Company: SG Interests
Lease/Well: HL 11-89-19 #2 Lateral 1 ST01
Location:
Rig Name:
State/Country: Colorado/ Gunnison
Country: USA
API Number:

Elevation (To MSL): 7155.8 ft
RKB: 14.00 ft
Projection System: US State Plane 1927 (Exact solution)
Projection Group: Colorado Central 502
Projection Datum: CLARKE 1866
Magnetic Declination: 9.15
Grid Convergence: -1.18498 W
Date: Wednesday, November 15, 2017



Vertical Section (1000 Ft/Div) VSP: 105.00°

Calculated by HawkEye Software

Job Number: BLM Unit							Elevation GL: 7115.8 ft				
Company: SG Interests							RKB: 14.00 ft				
Lease/Well: HL 11-89-19 #2 Lat 1 ST01							Projection System: US State Plane 1927 (Exact solution)				
Location:							Projection Group: Colorado Central 502				
Rig Name:							Projection Datum: CLARKE 1866				
State/County: Colorado/ Gunnison							Magnetic Declination: 9.15°				
Country: USA							Grid Convergence: -1.18498 W				
							Date: Tuesday, October 24, 2017				
Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	NS (Ft)	EW (Ft)	VS (Ft)	DLS °/100 Ft	Easting (US ft)	Northing (US ft)	Latitude Dec. Deg	Longitude Dec. Deg
3200.00	.00	0	3200.00	.00	.00	.00	.00	1466737.49	462556.62	39.0882933	-107.3788618
3900.00	91.50	240.76	3502.45	-226.75	-451.48	70.82	.00	1466281.41	462339.26	39.0876707	-107.3804524
3930.00	91.33	245.26	3501.71	-240.36	-478.20	75.19	15.00	1466254.42	462326.21	39.0876333	-107.3805465
3960.00	91.16	249.76	3501.05	-251.83	-505.90	77.22	15.00	1466226.48	462315.31	39.0876018	-107.3806441
3990.00	90.98	254.25	3500.49	-261.09	-534.42	76.89	15.00	1466197.78	462306.64	39.0875764	-107.3807446
4020.00	90.79	258.75	3500.03	-268.09	-563.58	74.22	15.00	1466168.48	462300.24	39.0875572	-107.3808473
4050.00	90.60	263.25	3499.66	-272.79	-593.20	69.22	15.00	1466138.77	462296.17	39.0875443	-107.3809517
4080.00	90.41	267.74	3499.40	-275.14	-623.10	61.91	15.00	1466108.83	462294.43	39.0875378	-107.3810570
4110.00	90.21	272.24	3499.24	-275.15	-653.09	52.34	15.00	1466078.84	462295.04	39.0875378	-107.3811627
4140.00	90.01	276.73	3499.18	-272.80	-682.99	40.58	15.00	1466049.00	462298.01	39.0875442	-107.3812680
4158.39	89.89	279.49	3499.20	-270.21	-701.20	32.31	15.00	1466030.85	462300.98	39.0875514	-107.3813322
4824.91	89.89	279.49	3500.51	-160.32	-1358.59	-281.62	.00	1465375.87	462424.43	39.0878530	-107.3836482
4851.11	90.74	277.01	3500.37	-156.56	-1384.52	-293.46	10.00	1465350.02	462428.73	39.0878633	-107.3837396
6181.59	90.74	277.01	3483.12	5.87	-2704.94	-868.77	.00	1464033.25	462618.43	39.0883090	-107.3883915