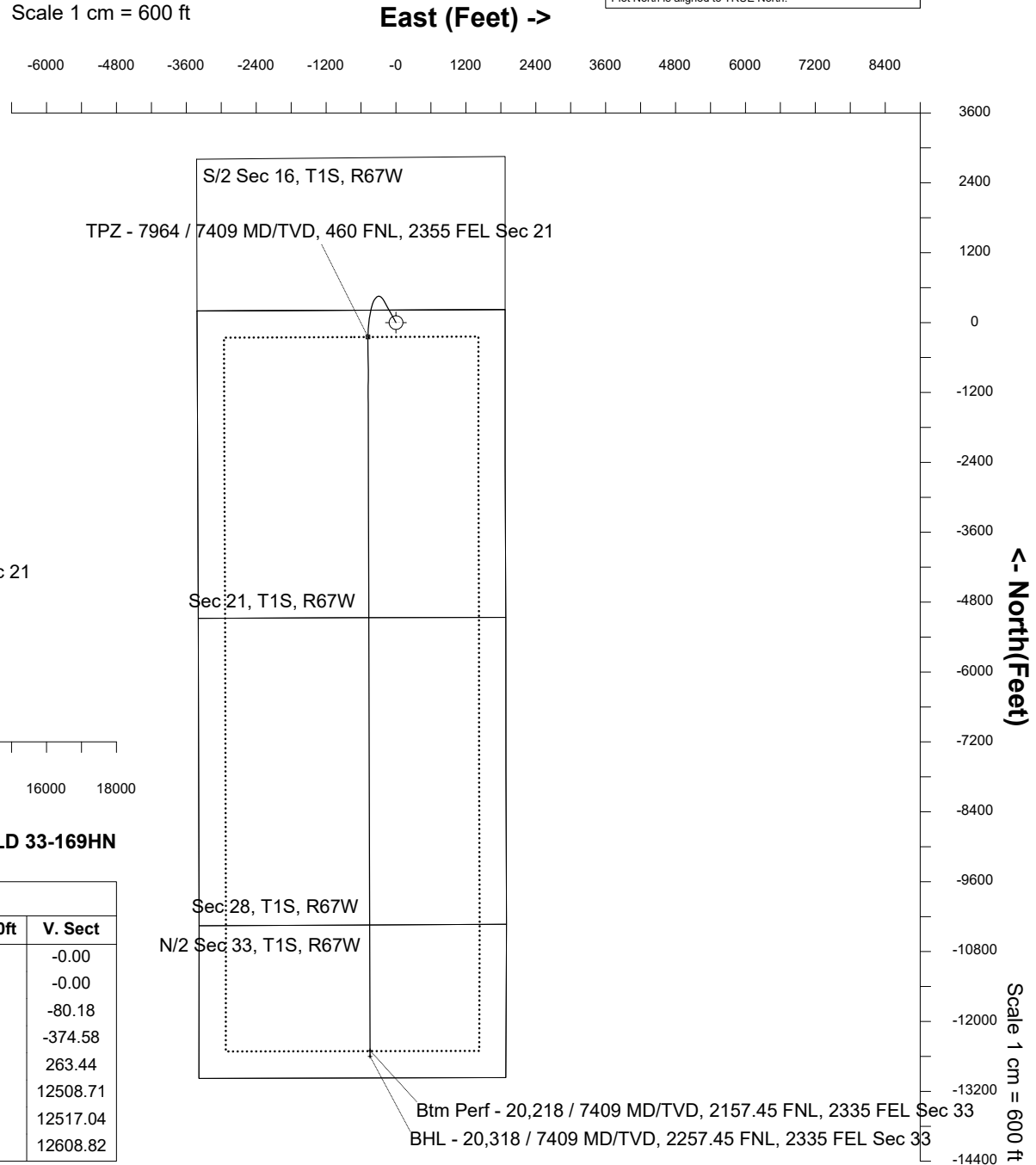
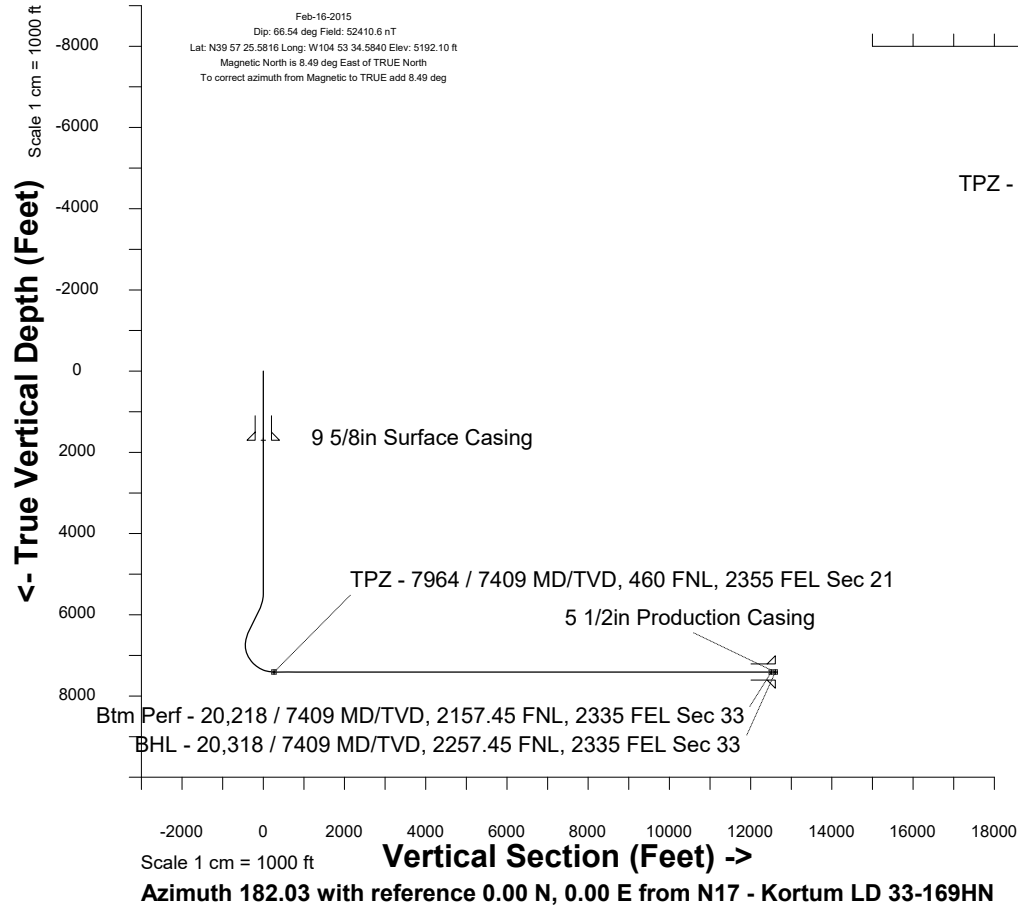
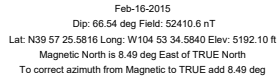


Location	Colorado	Slot	N17 - Kortum LD 33-169HN
Field	Wattenburg	Well	Kortum LD 33-169HN
Installation	Kortum	Wellbore	Kortum LD 33-169HN (PWB)



WELL PROFILE DATA								
Point	MD	Inc	Azi	TVD	North	East	deg/100ft	V. Sect
Tie on	0.00	0.00	0.00	0.00	S 0.00	W 0.00		-0.00
KOP	5496.20	0.00	330.98	5496.20	S 0.00	W 0.00	0.00	-0.00
End of Build	5861.99	30.00	330.98	5845.51	N 81.84	W 45.39	8.20	-80.18
End of Hold	6549.33	30.00	330.98	6440.79	N 382.32	W 212.07	0.00	-374.58
Target TPZ - ...Sec 21	7963.55	90.00	179.84	7408.60	S 246.62	W 479.95	8.20	263.44
Target Btm Pe...Sec 33	20217.74	90.00	179.84	7408.60	S 12500.75	W 445.96	0.00	12508.71
End of Turn	20226.08	90.00	180.01	7408.60	S 12509.10	W 445.95	2.00	12517.04
T.D. & Target BHL.... 33	20317.92	90.00	180.01	7408.60	S 12600.93	W 445.97	0.00	12608.82