

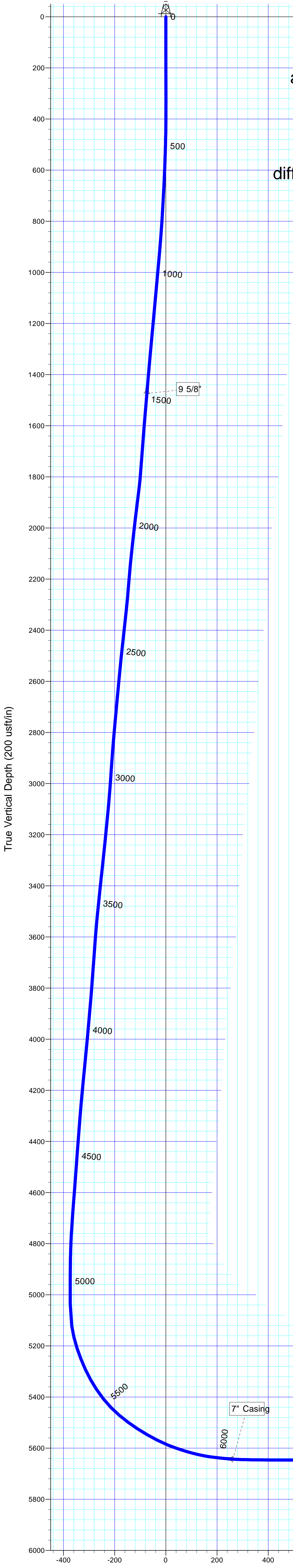
Project: Weld County, CO
Site: Sec. 33-T10N-R58W (Razor #33N Pad)
Well: Razor #33N-2805
Wellbore: Plan D
Plan: Rev D0_ST-1

Whiting Oil and Gas Corporation



“Halliburton Energy Services, Inc. (“Halliburton”) recommends having the distances to the section or setback lines verified by a Registered Land Surveyor. Halliburton does not certify the location given: it is an estimated setback/section line crossing location. Halliburton’s depth measurement is an estimate generated by a mathematical algorithm based on rough data collected after the well is drilled. While Halliburton attempts to provide the most accurate data, anything that generates a footage for a point not already specifically identified on a survey plat needs to be verified be a Registered Land Surveyor.

Any interpretation, research, measurement, analysis or recommendation furnished herein are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and empirical relationships and assumption are not infallible, and with respect to which professionals in the industry may differ. ACCORDINGLY, ANY INTERPRETATION, RESULTS, OR RECOMMENDATION RESULTING FROM THE ESTIMATES PROVIDED HEREIN WILL BE AT THE SOLE RISK OF CUSTOMER WITH NO RELIANCE BY ANY THIRD PARTY (REGARDLESS OF NEGLIGENCE, BREACH OF CONTRACT OR WARRANTY, OR ANY OTHER CAUSE) ON THE INFORMATION BEING SUPPLIED BY HALLIBURTON. CUSTOMER HAS FULL RESPONSIBILITY FOR ALL DECISIONS CONCERNING THE ESTIMATES PROVIDED HEREIN.”



SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target	
1	9985.00	89.11	0.73	5643.18	4141.36	-527.59	0.00	0.00	4168.75		
2	10029.66	86.75	2.00	5644.79	4185.97	-526.53	6.00	151.75	4213.17		
3	10129.86	87.00	359.00	5650.25	4286.01	-525.65	3.00	-85.31	4312.87		
4	10160.81	87.49	359.38	5651.74	4316.92	-526.09	2.00	38.17	4343.74		
5	10919.26	87.49	359.38	5685.00	5074.60	-534.25	0.00	0.00	5100.00		
6	10975.26	88.40	0.03	5687.01	5130.56	-534.54	2.00	35.00	5155.84		
7	11621.40	88.40	0.03	5705.00	5776.45	-534.25	0.00	0.00	5800.00		
8	11703.35	90.04	360.00	5706.11	5858.39	-534.23	2.00	-0.92	5881.72		
9	13179.06	90.04	360.00	5705.00	7334.10	-534.25	0.00	0.00	7353.53	Razor #33N-2805_Rev D0_BHL Tgt	

Plan: Rev D0_ST-1 (Razor #33N-2805/Plan D)

Created By: Kansa B. Becker

Date: 15:33, December 18 2014

Checked: _____

Date: _____

Reviewed: _____

Date: _____

Approved: _____

Date: _____

T

M

Azimuths to True North

Magnetic Field

Magnetic North: 8.03°

Strength: 52945.6snT

Dip Angle: 67.37°

Date: 12/4/2014

Model: BGGM2014

