

INCLINATION REPORT

30-041-20937

OPERATOR H.L. Brown Operating, LLC	WELL NAME Federal 27 #6 - F
ADDRESS P.O. Box 2237, Midland, TX 79702	COUNTY Roosevelt
LOCATION (Section, Block, and Survey) Sec. 27; T-7-S; R-37-E 1600/N & 710/W	
CONTRACTOR NAME AND ADDRESS Norton Energy Drilling, 4514 Englewood Ave, Lubbock, TX 79414	

RECORD OF INCLINATION

Measured Depth (feet)	Course of Length (Hundreds of feet)	Angle of Inclination (Degrees)	Displacement per Hundred Feet (Sine of Angle X100)	Course Displacement (feet)	Accumulative Displacement (feet)
194	1.94	0.50	0.87	1.69	1.69
607	4.13	1.25	2.18	9.01	10.70
770	1.63	0.75	1.31	2.13	12.84
994	2.24	0.75	1.31	2.93	15.77
1,406	4.12	0.75	1.31	5.39	21.16
1,790	3.84	0.50	0.87	3.35	24.51
2,194	4.04	0.50	0.87	3.53	28.04
2,568	3.74	0.75	1.31	4.90	32.93
2,991	4.23	1.00	1.75	7.38	40.32
3,183	1.92	0.75	1.31	2.51	42.83
3,593	4.10	0.50	0.87	3.58	46.41
3,708	1.15	0.50	0.87	1.00	47.41
3,985	2.77	0.25	0.44	1.21	48.62
4,209	2.24	0.50	0.87	1.95	50.57
4,556	3.47	0.50	0.87	3.03	53.60
4,846	2.90	0.50	0.87	2.53	56.13
5,146	3.00	1.00	1.75	5.24	61.37
5,417	2.71	0.75	1.31	3.55	64.92
5,671	2.54	0.50	0.87	2.22	67.13
5,928	2.57	1.50	2.62	6.73	73.86
6,152	2.24	1.00	1.75	3.91	77.77
6,341	1.89	0.75	1.31	2.47	80.24
6,628	2.87	1.00	1.75	5.01	85.25
6,818	1.90	0.25	0.44	0.83	86.08
7,106	2.88	0.50	0.87	2.51	88.59
7,423	3.17	1.25	2.18	6.92	95.51
7,614	1.91	0.75	1.31	2.50	98.01
7,932	3.18	0.50	0.87	2.78	100.78
8,253	3.21	0.50	0.87	2.80	103.59
8,668	4.15	1.25	2.18	9.05	112.64
8,924	2.56	1.00	1.75	4.47	117.11
9,117	1.93	1.50	2.62	5.05	122.16

Accumulative total displacement of well bore at total depth of 9,117 feet = 122.16 feet.

I have personal knowledge of the inclination data and facts placed on this form and that such data and facts are true, correct, and complete to the best of my knowledge.

Signature of Authorized Representative: [Signature]

Name of Person and Title (type or print): John W. Norton - President

Name of Company: Norton Energy Drilling

Telephone: 806-785-8401

Sworn to and subscribed before me this 26th day of October, 2009.

[Signature: Patty Miller]

My commission expires: 7-11-11 (seal)

Notary Public in and for the State of Texas



PATTY MILLER
Notary Public, State of Texas
My Commission Expires 07-11-2011

