

WELL NAME:	Waag 6				OPERATOR:	Extraction Oil and Gas	
FIELD:	Windsor - Wattenberg				FORMATION:	Niobrara	
SHL:	qtr-qtr	SENW	Section 19	Township 7N	Range	65W	
BHL:	qtr-qtr	NWNE	Section 24	Township 7N	Range	66W	
COUNTY:	Weld		STATE:	CO		API:	05-123-40356

SURFACE CASING	
SIZE:	9 5/8"
WEIGHT:	36#
GRADE:	J-55
CONNECTION:	LTC
HOLE DEPTH:	915
CSG DEPTH:	900
INCL @ SHOE:	1°
CEMENT:	552 sx
TOC:	Surface
HOLE SIZE:	13 1/2"

INTERMEDIATE CASING	
SIZE:	7"
WEIGHT:	26#
GRADE:	P-110
CONNECTION:	LTC
HOLE DEPTH:	7,683
CSG DEPTH:	7,668
INCL @ SHOE:	88°
CEMENT:	487 sx lead 489 sx tail
TOC:	Surface
HOLE SIZE:	8 3/4"

GROUND LEVEL:	4,887'
KELLY BUSHING:	24.0'
SPUD DATE:	2/7/2015
COMP DATE:	11/3/2015

PRODUCTION LINER	
SIZE:	4 1/2"
WEIGHT:	13.5#
GRADE:	P-110
CONNECTION:	TXP/BTC
HOLE DEPTH:	11,996
LINER TOP:	7,538
INCL @ LT:	76°
LINER SHOE:	11,941
CEMENT:	Open hole
TOC:	-
HOLE SIZE:	6 1/8"

PRODUCTION TUBING	
SIZE:	2 3/8
WEIGHT:	4.7#
GRADE:	J-55
DEPTH:	7,206'
INCL @ EOT:	52°



9 5/8" csg @
900' (1° incl)

KOP - 6,600'

EOT @ 7,206" (52° incl)

Liner Top @ 7538' (76° incl)

8 3/4" hole @ 7683'
7" csg @ 7668' (88° incl)

Stage	Packer Depth	Sleeve Depth	Sleeve ID	Stage Length	Stage	Packer Depth	Sleeve Depth	Sleeve ID	Stage Length
1	11,844	11,941	1.480	152	25	8,166	8,265	3.280	146
2	11,700	11,797	1.535	144	26	8,022	8,077	3.405	144
3	11,522	11,618	1.590	178	27	7,877	7,933	3.530	145
4	11,378	11,474	1.645	144	28	7,731	7,787	3.655	146
5	11,233	11,331	1.700	145	29				
6	11,087	11,186	1.755	146	30				
7	10,906	11,004	1.830	181	31				
8	10,766	10,859	1.905	140	32				
9	10,620	10,676	1.980	146	33				
10	10,474	10,530	2.055	146	34				
11	10,330	10,384	2.130	144	35				
12	10,144	10,241	2.205	186	36				
13	10,000	10,097	2.280	144	37				
14	9,865	9,917	2.355	135	38				
15	9,719	9,775	2.430	146	39				
16	9,539	9,631	2.505	180	40				
17	9,395	9,449	2.580	144	41				
18	9,252	9,306	2.655	143	42				
19	9,073	9,166	2.730	179	43				
20	8,928	9,026	2.805	145	44				
21	8,788	8,843	2.880	140	45				
22	8,642	8,698	2.955	146	46				
23	8,496	8,552	3.030	146	47				
24	8,312	8,406	3.155	184	48				

Frac Stimulation	
Total Fluid:	54,128 bbls
Total Sand:	5,600,520 lbs 40/70 lbs 20/40 white lbs 20/40 resin
	5,600,520 lbs
	1294 lbs/ft

Completion Notes
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152' Avg Stage Length

Liner Shoe @ 11941'

MD	11,996
TVD	7,191

28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1