

WELL NAME:	Rubyanna 13NB-31W					OPERATOR:	Extraction Oil & Gas				
FIELD:	Windsor - Wattenberg					FORMATION:	Niobrara B Bench				
SHL:	qtr-qtr	E2SE	Section	13	Township	6N	Range	67W			
BHL:	qtr-qtr	SWSW	Section	13	Township	6N	Range	67W			
COUNTY:	Weld	STATE:	CO			API:	05-123-38924				

SURFACE CASING	
SIZE:	9 5/8"
WEIGHT:	J-55
GRADE:	36#
CONNECTION:	LTC
HOLE DEPTH:	780
CSG DEPTH:	766
INCL @ SHOE:	10°
CEMENT:	215 sx
TOC:	Surface
HOLE SIZE:	12 1/4"

INTERMEDIATE CASING	
SIZE:	7"
WEIGHT:	P-110
GRADE:	26#
CONNECTION:	LTC
HOLE DEPTH:	7,479
CSG DEPTH:	7,368
INCL @ SHOE:	81°
CEMENT:	525 sx lead
	375 sx tail
TOC:	Surface
HOLE SIZE:	8 3/4"

TIE-BACK STRING	
SIZE:	
WEIGHT:	
GRADE:	
CONNECTION:	
CSG DEPTH:	

GROUND LEVEL:	4,825'
KELLY BUSHING:	24.0'
SPUD DATE:	5/16/2014
COMP DATE:	7/12/2014

PRODUCTION LINER	
SIZE:	4 1/2"
WEIGHT:	P-110
GRADE:	13.5#
CONNECTION:	XP-BTC
HOLE DEPTH:	11,716
LINER TOP:	6,466
INCL @ LT:	6°
LINER SHOE:	11,712
CEMENT:	Open hole
TOC:	
HOLE SIZE:	6 1/8"

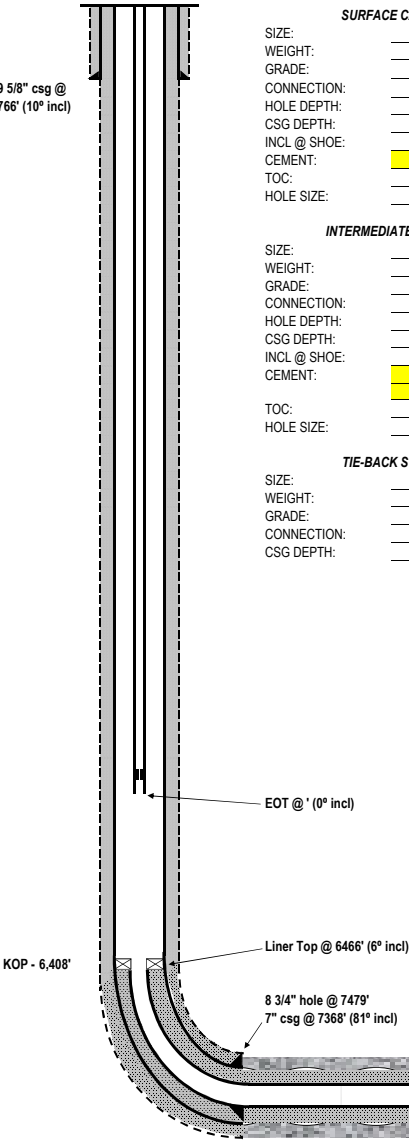
PRODUCTION TUBING	
SIZE:	2 3/8
WEIGHT:	4.7#
GRADE:	N-80
DEPTH:	
INCL @ EOT:	0°



Stage	Plug Depth	Perf Cluster 1	Perf Cluster 2	Perf Cluster 3	Perf Cluster 4	Perf Cluster 5	Total ft of Perfs	SPF	# of Holes	Fluid (bbl)	Sand (lbs)
1	11,930	11920-25	11905-10	11895-200	11880-85	11860-65	25	6	150		
2	11,780								0		
3									0		
4									0		
5									0		
6									0		
7									0		
8									0		
9									0		
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Frac Stimulation	
Total Fluid:	74,717 bbls
Total Sand:	4,242,377 lbs 40/70
	411,171 lbs 30/45 white
	lbs 20/40 resin
	4,653,548 lbs
	1070 lbs/ft
Completion Notes	
* Drilled well w/ ghost reamer, no wiper trip @ TD	
* Did separate reamer run	



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