

WELL NAME:	Rubyanna 13NB-29W					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:	05-123-38920				

SURFACE CASING	
SIZE:	9 5/8"
WEIGHT:	J-55
GRADE:	36#
CONNECTION:	LTC
HOLE DEPTH:	765
CSG DEPTH:	750
INCL @ SHOE:	0°
CEMENT:	215 sx
TOC:	Surface
HOLE SIZE:	12 1/4"

INTERMEDIATE CASING	
SIZE:	7"
WEIGHT:	P-110
GRADE:	26#
CONNECTION:	LTC
HOLE DEPTH:	7,420
CSG DEPTH:	7,400
INCL @ SHOE:	87°
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:	4,830'
KELLY BUSHING:	24.0'
SPUD DATE:	4/17/2014
COMP DATE:	7/12/2014

PRODUCTION LINER	
SIZE:	4 1/2"
WEIGHT:	P-110
GRADE:	13.5#
CONNECTION:	XP-BTC
HOLE DEPTH:	11,645
LINER TOP:	6,401
INCL @ LT:	7°
LINER SHOE:	11,641
CEMENT:	
TOC:	
HOLE SIZE:	6 1/8"

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



9 5/8" csg @
750' (0° incl)

EOT @ ' (0° incl)

Liner Top @ 6401' (7° incl)

8 3/4" hole @ 7420'
7" csg @ 7400' (87° incl)

KOP - 6,300'

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		
10									0		
11									0		
12									0		
13									0		
14									0		
15									0		
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22									0		
23									0		
24									0		
25									0		
26									0		
27									0		
28									0		

#DIV/0!

Frac Stimulation	
Total Fluid:	72,150 bbls
Total Sand:	433,785 lbs 30/45 White
	4,198,635 lbs 40/70 white
	lbs 20/40 resin
	4,632,420 lbs
	1091 lbs/ft

Completion Notes	
* Drilled well w/ ghost reamer, no wiper trip @ TD	
* Did separate reamer run	
*	
*	

Liner Shoe @ 1164'

MD 11,645
TVD 7,050

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