

WELLBORE DIAGRAM

2/26/2014

ACTUAL

JRR

Mineral Resources, Inc

Highway 85-1 #B-12

NENE 20, T5N R65W

40.39145, -104.68079

Weld County, CO

05-123-22868

Notes:

G.L.= 4669

DEVIATED WELLBORE

K.B.= 4685

Vert Sec: 855'

16

Max Angle: 16

8-5/8", Surf. CSG @ 462' (12-1/4" Hole)

Cmt'd w/ 258 sx

218 jnts 2-3/8" TBG Set @ 7167'

TOC=3,390'

NBRR-6866'

CODL-7183'

NBRR A	Perf'd	6,883'-6,889'	4 SPF	03/31/11	PR
NBRR B	Perf'd	7,008'-7,014'	4 SPF	03/31/11	PR
Frac'd 03/31/11 ISIP=3520, ISDP=3550, ATP=4857, ATR=53.7					
w/ 220,878 gal fluid (125,412 gal SLKW, 95,466 gal XLG)& 297,150# sand					
(243,400# 20/40 & 53,750# 40/70)					
CODL	Re-Perf'd	7184'-7194'	4SPF, 0.42"	03/30/11	PR
	Perf'd	7184'-7194'	4SPF, 0.42"	09/15/05	
Re-Frac'd 03/31/11 ISIP=2930, ISDP=3880, ATP=4036, ATR=21.2					
w/ 128,100 gal fluid and 250,200# 20/40 sand (31,920 gal SW, 96,180 gal xlink gel)					
Frac'd 09/19/05 ISIP=3017, ISDP=3846, ATP=3884, ATR=17					
w/ 127,000 gals XLG & 243,920# 20/40, 10,000# 20/40 RCS					
Cleaned out to 7300' (07/20/11)					
POBS LEFT @ 7300'					
4-1/2" 13.5# CSG set @ 7996' (7-7/8" Hole)					
Cmt'd w/ 640 sx					

PDTD= 7993

PBTVD= 7890

TD= 8000

TVD= 7897

* all measurements from KB (MD) unless otherwise indicated