

WELLBORE DIAGRAM

Matrix Energy, LLC
Kuettel #44-9
SWSW, Sec. 10 T5N 65W
477' FSL, 1041' FWL
Weld County, CO
05-123-23878

11/25/2013
LJD

Well is Directional, V.S. 1597' @ 271°

G.L.= 4645

K.B.= 4651

6

8-5/8" 24# J-55, Surf. CSG Set @ 409' (12-1/4" Hole)

Cmt'd w/ 215 sx total: 140 sx Prem. Lite CMT @13ppg, 1.77 YLD & 75 sx Class G

TOC= 1000'
CBL
(unverified)

Niobrara A 6991'-7012'

4 spf, .42', 19 gr, 120 degree phasing

Frac'd 11/25/2013

w/ 3766 bbls Slickwater & 100,828 # 30/50, ATR 56.1 BPM, ATP 5259 psi

Niobrara B 7122'-7150'

4 spf, .42', 19 gr, 120 degree phasing

Niobrara C 7195'-7220'

4 spf, .42', 19 gr, 120 degree phasing

Frac'd 11/25/2013

w/ 7757 bbls Slickwater 224,269# 30/50, ATR 46.4 BPM, ATP 4,616 psi

CIBP Set 10/15/13 7270'

CODELL 7288'-7298'

3 SPF, .42"

Frac'd

8/26/2006

w/ 3,155 bbls Vistar 18/20 gal & 245,920# 20/40, ATR 14.02 BPM, ATP 3,556 psi

ISPD 3,643 psi

Cleaned out to 7384' KB 10/26/10

4-1/2" 11.6#, CSG set @ 7437' (7-7/8" Hole)

Cmt'd w/ 660 sx total; 550 sx Prem. Lite CMT, @ 11.2 ppg, 3.08 YLD
& 160 sx 50/50 POZ @ 14.6 ppg, 1.61 YLD

PDTD=7413'

TVD=7206'

TD=7452'