

WELLBORE DIAGRAM

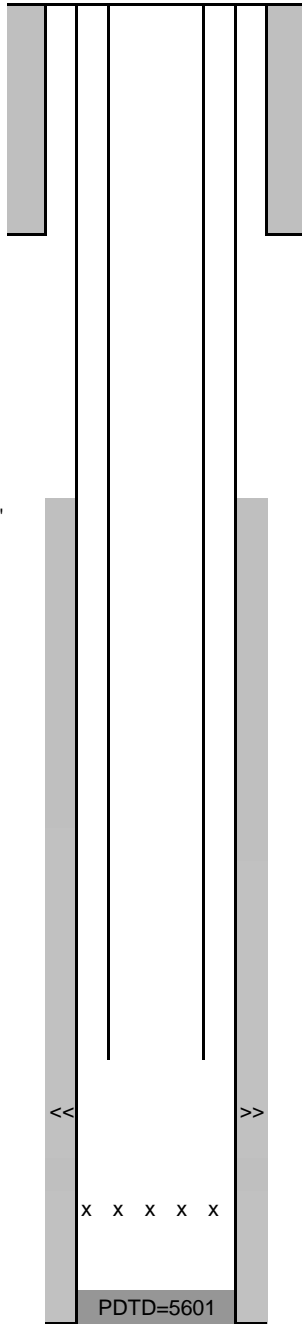
Black Raven Energy Inc.
STATE C-1

Section 22 Township 8N 43W
Footages
County PHILLIPS, State CO
API 05-095-06351

Updated
11/26/2014
DK

G.L.= 4494
K.B.= 4504

10



8-5/8" set at 215'
Cmt't w/ 160 sx to Surf.

TOC - 4504'
CBL

Formation Tops
Niobrara 4650
Timpas 5042
D Sand 5481
J Sand 5548

2 3/8" tubing
Bottom of ESP @ 5528'

Perfs @ 5550-5560 (J1-A)

CIBP @ 5571

5-1/2" 15.5# CSG @ 5608' (7-7/8" O.H.)
Cmt'd w/ 150 sx