

WELLBORE DIAGRAM

Black Raven Energy Inc.
H. J. CLAR A-5
Section 13 Township 1N 58W
Footages 4280 FSL, 4950 FWL
County MORGAN, State CO
API 05-087-05323

Updated
11/25/2014
DK

G.L.= 4526
K.B.= 4538

12

13 3/4 HOLE
8-5/8" 24# set at 103'
Cmt't w/ 75 sx to Surf.

TOC @ 4125
TEMP SUR
4/24/1954

Niobrara	4710
Timpas	5110
Carlyle	5160
Greenhorn	5220
D-sand	5556
J-sand	5624

2 7/8" L-80 tubing
Bottom of tubing & ESP 5555'

5624 TO 5654 4SPF 120 HOLES

14 # & 15 #
5-1/2" 15.5# CSG @ 5668' (7-7/8" O.H.)
Cmt'd w/ 225 sx

