

Aurora Power Resources
EHRlich #1A-- Actual
Completion June 2014
SL: NE SW; BHL: SW NW
Sec. 12, T4N, R60W
Morgan Co., Colorado

Drill 12-1/4" Hole to 544'

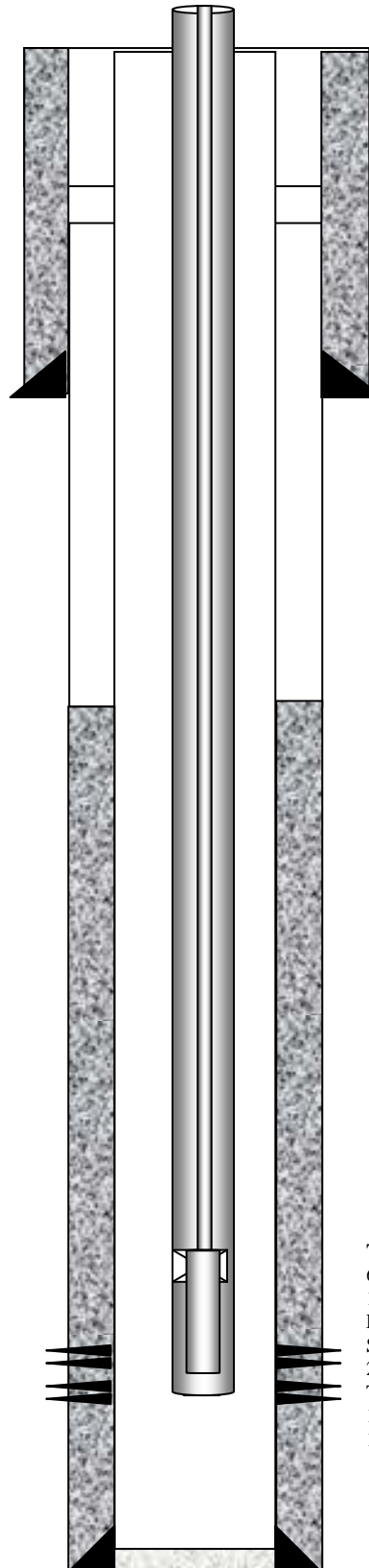
TOPS

Niobrara – 5685' MD
Fort Hays – 5970'
Greenhorn – 6088'
X Bentonite – 6328'
D Sand – 6430'
J Sand – 6502'

Well directionally drilled
with 1768' NE horizontal
displacement and max
inclination of about 20
degrees in straight tangent

J Sand Completion
Perfs 6506-6518'
w/ 4 JSPP (TCP)

PBTD @ 6587' MD / 6332' TVD



8-5/8" 24# J-55 Surface Casing set at
534' KB
Cemented to Surface w/ 292 sx

Top of Cement at +/- 4150'

199 jts of 2-7/8" 6.5# J-55 EUE Tubing
with Seating Nipple at 6483' (6497'
KB), Perf Sub at 6484', & TAC at
6415' (6429' KB) w/ 45K shear
(Tubing avg 32.73' per joint)

ROD STRING: 2-1/2" X 1-1/2" X 16' X
20' 2-stage H-F Pump,
24-- 1" Norris D90 Rods w/ 4 guides,
100 - 3/4" Norris D90 Rods w/ 4 guides,
70 - 7/8" Norris D90 Rods w/ 4 guides,
64 - 1" Norris D90 Rods w/ 4 guides,
2'+4'+6'+8' 1" Pony Rods
22' 1-1/2" Polished Rod

TUBING BHA (from bottom): Bull Plug at
6535' KB (0.30'),
1 jt Tubing (32.75')
Perf Sub (3.65')
Seating Nipple (1.10')
2 jts Tubing (65.53')
Tubing Anchor Catcher (2.68')
196 jt Tubing (6415.17')
14' KB

5 1/2" 15.5# J-55 Casing to 6673' MD
Cement w/ 425 sx 50/50 Poz C

Drill 7-7/8" Hole to 6685' MD/ 6428' TVD