

PROPOSED P&A WELL BORE DIAGRAM

Black Raven Energy, INC.

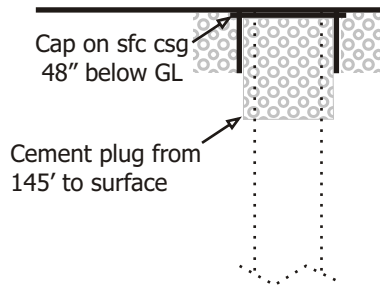
C.H. O'Neill #2

SESWNW Section 5

T1N R57W

2190 FNL x 990 FWL

API No. 05-087-05446



SURFACE CASING

Hole size: 12 1/4
Csg size: 8 5/8
Weight: 28#
Depth: 95'
Cement top: Surf (calc)
Cement: 85 sacks

ELEVATION DATA

GL: 4468

DF: 4478

KB: 4479

FORMATION TOPS

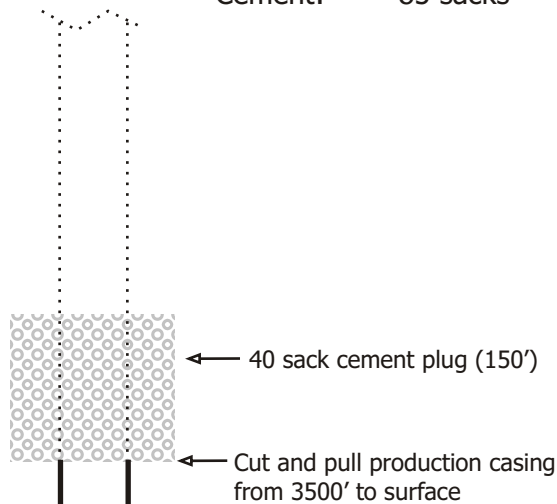
Niobrara

Carlile 5074

Greenhorn 5148

D Sand 5476

J Sand 5542



Top of cement=3811'
(Calculated)

PRODUCTION CASING

Hole size: 7 7/8
Csg size: 5 1/2
Weight: 15.5#
Depth: 5619'
Cement top: 3811' (calc)
Cement: 261 sacks

PLANNED PLUGGING OPERATIONS

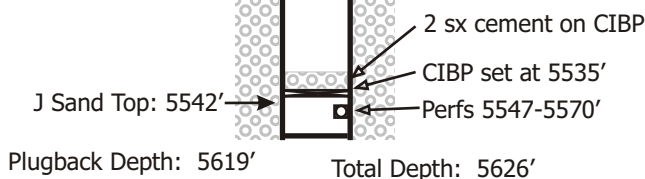
Tag CIBP & dump bail 2 sx cement on CIBP.

Cut and pull 5 1/2" casing from 3500'.

Set 40 sack cement plug (3500-3350').

Set 65 sack cement plug from 145' to 4'.

Cut sfc csg 4' below GL, weld cap on csg.



PERFORATION HISTORY

Date	Top	Btm	Status
2/25/55	5565	5570	Under CIBP
9/3/58	5547	5566	Under CIBP