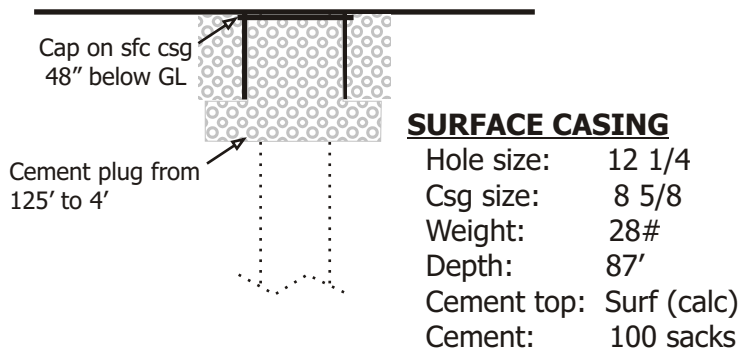


PROPOSED P&A WELL BORE DIAGRAM

Black Raven Energy, INC.
Adena J Sand Unit #W-55

NWSW Section 29
T2N R57W
1650 FSL x 990 FWL
API No. 05-087-05611



ELEVATION DATA

GL:	4417
KB:	4427

FORMATION TOPS

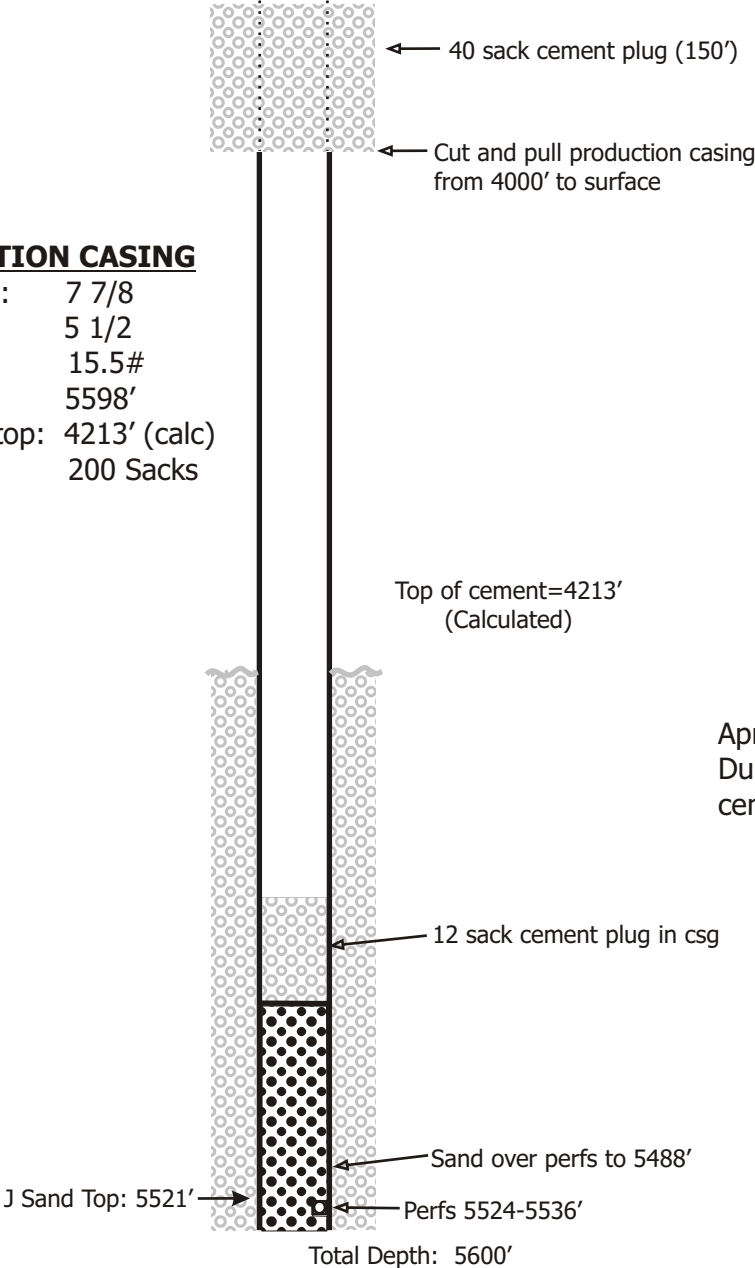
Niobrara	4664
Fort Hays	5008
Carlile	5055
D Sand	5448
J Sand	5521

PRODUCTION CASING

Hole size: 7 7/8
Csg size: 5 1/2
Weight: 15.5#
Depth: 5598'
Cement top: 4213' (calc)
Cement: 200 Sacks

PLANNED PLUGGING OPERATIONS

Cut and pull 5 1/2" casing from 4000'.
Set 40 sack cement plug (4000-3850').
Set 50 sack cement plug from 125' to 4'.
Cut sfc csg 4' below GL, weld cap on csg.



PLUGGING HISTORY

April 27, 1990: Dumped sand over perfs to 5488'.
Dumped 12 sacks cement on top of sand. Top of
cement in casing 5450'.

PERFORATION HISTORY

Date	Top	Btm	Status
3/1/1955	5524	5536	Beneath plug