

KB 4662'

FORMATION TOPS

DOHEM 41-27

NWSW 27-2W-33W

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>
Niobrara	3880'	+782'
Fort Hays	4294'	+368'
Carlile	4348'	+314'
Greenhorn	4450'	+212'
Bentonite	4674'	-12'
D sand	4770'	-108'
J sand	4843'	-181'
TOTAL DEPTH	4945'	



SCANNED

SAMPLE DESCRIPTION

D sand 4770'-4783' Sandstone- light gray to tan, fine grained, shale spicules, mica, carbonaceous debris, shale parting, non-calcareous, friable, with less than 50% of samples having spotty pale yellow fluorescence and slight to fair cut when crushed.

4788'-4804' Sandstone- light gray, fine grained, clay filled in part, shale spicules, mica, carbonaceous debris, non-calcareous, friable, with tan dolomitic stringers, no shows.

4804'-4813' Sandstone- light gray to tan, fine to medium grained, clay filled in part, shale parting, mica, carbonaceous debris, shale spicules, occasional patches of spotty yellow fluorescence, fair cut when crushed.

J sand 4843'-4850' Sandstone- light gray to tan, argillaceous, fine grained, shale spicules, hard, very calcareous, pale yellow patchy fluorescence, slight cut when crushed.

SAMPLE DESCRIPTION (CONTINUED)

4853'-4857' Sandstone- light gray to tan, fine to medium grained, argillaceous in part, shale spicules, glauconite, firm, calcareous, bright yellow spotty fluorescence, slight cut when crushed.

4857'-4890' Sandstone- light gray, fine to very fine grained, white clay filling in part, shale spicules, non-calcareous, friable, no shows.

4890'-4910' Sandstone- light gray, fine to medium grained, white clay filling, calcareous, shale spicules, friable, no shows.

4930'-4945' Sandstone- as above, no shows.