

GEOLOGICAL REPORT

Patterson Operations

Browning #34

N/2 SE NE Section 19-T22S-R10E

Greenwood County, Kansas

COMMENCED: 06-19-13

STATUS: Oil

COMPLETED: 06-23-13

A.P.I. #: 15-073-24120

CONTRACTOR: Summit Drilling Company

OPERATOR LIC.: 34479

SIZE OF HOLE: 7 7/8"

FIELD: Browning

SURFACE PIPE: 8 5/8"

ELEVATION: 1433 K.B.

CEMENTED WITH: N/A

LOGS: None

LONG STRING: 4 1/2"

MUD SYSTEM: Chemical

CEMENTED WITH: N/A

OTHER:

R.T.D.: 2375'

*with mutant
6-24-13*

William M. Stout
Geologist