GEOLOGICAL REPORT

Peewe Oil Co.

Headley #31

867' FSL & 1128' FEL Section 32-T23S-R14E

Woodson County, Kansas

COMMENCED: 11-03-14

COMPLETED: 11-06-14

CONTRACTOR: Rig 6 Drilling, Inc.

SIZE OF HOLE: 6 3/4"

SURFACE PIPE: 8 5/8"

CEMMENTED WITH: N/A

LONG STRING: 4 1/2"

CEMENTED WITH: N/A

R.T.D.: 1742'

STATUS: Oil

A.P.I. #: 15-207-29121

OPERATOR LIC.: 8913

FIELD: Winterschied

ELEVATION: 1175 G.L.

LOGS: None

MUD SYSTEM: Chemical

OTHER:

11-6-14

William M. Stout
Geologist

FORMATION TOPS

1175 G.L.

	Sample
Mississippi	1654 -479
Mississippi Porosity	1678 -503
Total Depth	1742 -567

SAMPLE DESCRIPTIONS

Squirrel Sand

1280' – 1292'

Sandstone – light brown, fine grain, calcareous, friable in part, good odor, dark brown to black stain, show free oil, some flaky black oil, poor porosity, dull fluorescence.

Bartlesville Sand

1574' – 1584'

Sandstone – light brown, light gray, fine grain, calcareous, friable, some micaceous, fair to good odor, light stain, good show free oil, some flaky black, fair porosity, good fluorescence.

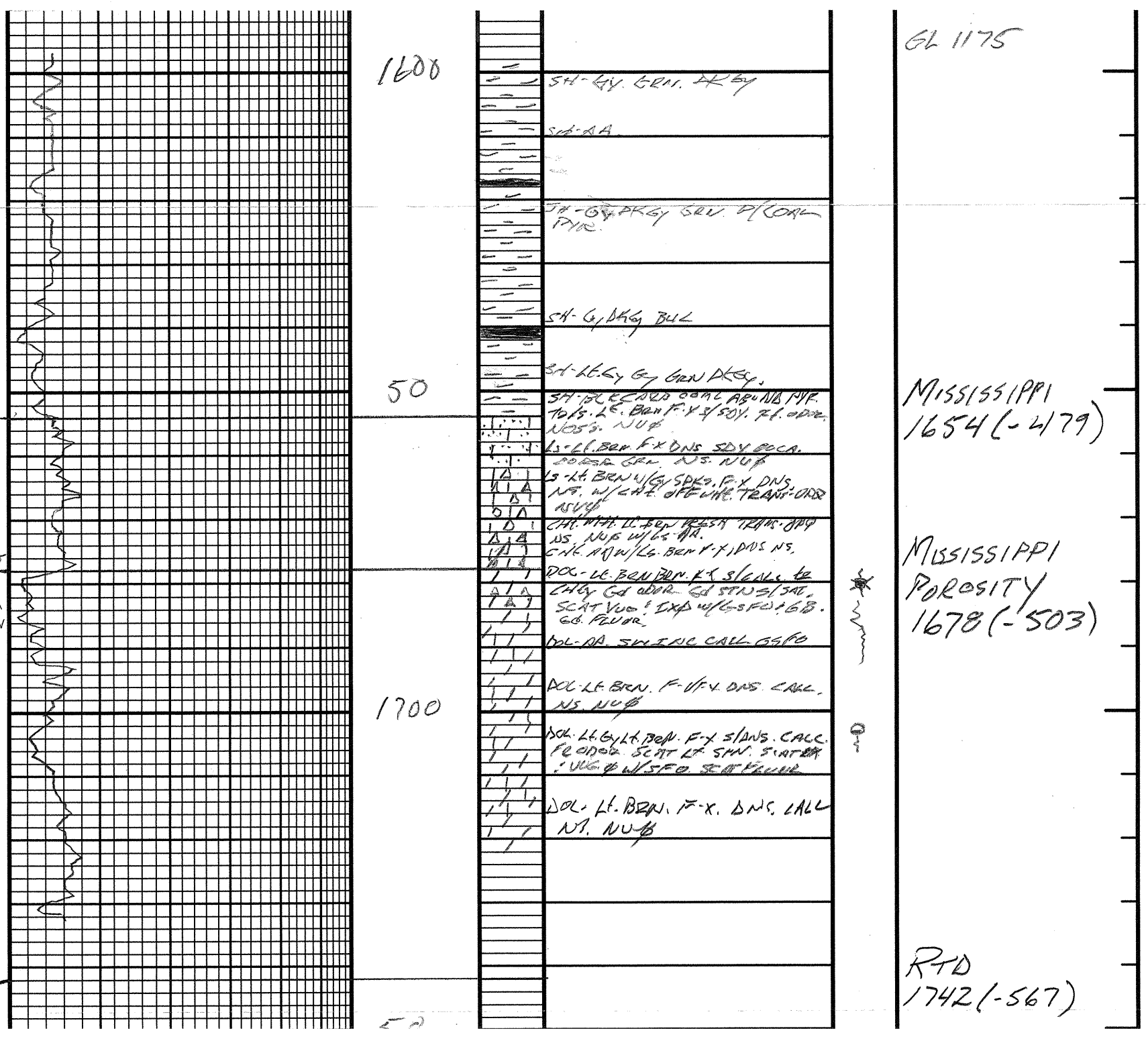
Mississippi Porosity 1678' (-503)

1678' – 1692'

Dolomite – light brown, fine crystalline, some sucrosic, friable, slightly, cherty, good odor, good light stain some saturated, good show free oil with gas bubbles, intercrystalline and vugular porosity with fluorescences.

1703' – 1707'

Dolomite – light gray, light brown, fine crystalline, some dense, calcareous, fair odor, scattered light stain, some intercrystalline and vugular porosity with show free oil, scattered fluorescence.

CONCLUSIONS

The decision to set and cement 4 ½" casing was made to further evaluate the Mississippi shows through perforations.