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A.D. Allison and Co.
3212 E. Kellogg
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Heatherington #6
SE SW SE 15-26-4E
Butler County, Kansas

Gentlemen:

The following is my geological summary of your above-captioned well:

Elevation: 1311 R.B.
Casing 150' 8 5/8"

Formation Tops

Kansas City 2031 -720
Base Kansas City 2210 -899
Marmaton Lime 2350 -1039
Base Lime 2400 -1089
Conglomerate 2451 -1140
Vari-colored chert nodules in shale matrix to 2456
Mississippian 2504 -1183 Tripolitic chert with free oil.
Simpson 2507 -1186
Gray-green shale with pyritic sand streaks, some with trace s
free oil. Thin sand with free oil laying immediately upon
Arbuckle, very pyritic.
Arbuckle 2573 -1263
Med course xln dark dolomite.
Total depth 2577

Cored from 2447 to 2485
2447-51 Brown shaley limestone
2451-56 Colored chert nodules in green sandy shale
2456-85 Gray-green shale with maroon mottling.

DST 2504-09 (Mississippian) very weak blow, recovered 25' muddy
water. BHP 700#.

It appears that this well cut a fault, starting on the downthrow
side and cutting the fault immediately below the base of the
Simpson Sand ending up on the upthrown side of the fault. The
producing sand section of the Simpson was cut out. The feather edge
of the Mississippian was cut allowing for only 3 feet of section
found.

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