

Recommended
Shut, Qts./Ft.

Permeability, Millidarcys

0 2 4 340 320 300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0

Fm. Log

Depth Feet

80 60 40 20 0

Percent Oil Sat. 0 20 40 60 80 100

Percent Water Sat. 0 20 40 60 80 100

Percent Porosity

0 10 20 30 40 50 60 70 80 90 100

Oil Content, Bbls./A.Ft.

0 200 400 600 800 1000 1200

Core Loss

Sec.	Elev, KB, 971 Ft Sand	Depth, Feet		Net Ft. of Sand	Avg. Por.	Average Core Sat.		Core Oil Content		Permeability		Flood Pot Residuals			
		From	To			Oil	Water	Avg. B./A.Ft.	Total Bbl./Ac.	Avg. Mds.	Capacity Ft. x Md.	Saturation		Oil Content	
												Oil	Water	B./A.Ft.	Bbl./Ac.
1	MISSISSIPPI LS	1880.0	1892.0	** 9.6	7.3	3	43	17	160	0.8	7.7	--	--	--	--
2	Poss Oil	1892.0	1896.0	4.0	7.5	7	40	41	160	0.9	3.6	7	68	41	160
3	Poss Oil	1896.0	1910.0	14.0	5.6	7	58	30	420	0.2	2.8	6	78	26	360
2 & 3	Poss Oil	1892.0	1910.0	18.0	6.0	7	54	32	580	0.4	6.4	6	76	29	520
Does not include 2.4 feet core loss.															

COMPANY CARTER & MANDELL COMPANY

LEASE Smith WELL NO. 1

LOCATION SW SW SE

SEC. 17 T. 33S R. 11E COUNTY Chautauqua

STATE Kansas DATE 7-19-67

EARLOUGHER ENGINEERING TULSA, OKLAHOMA