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ARTESIA, OFFICE

Darrell W. Smith Co.

PHONE OX 4-2511—MIDLAND, TEXAS

PHONE EX 3-6173—HOBBS, N. MEX.

FULL DIAMETER CORE STUDY

Operator	W. S. Marshall	Field	Wildcat	Formation	Yates <i>Givens</i>
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Well No. 3 White Ranch Location 3 White Ranch

Depths _____ Date _____ Lab No. 277-HA

SAMPLE NO.	REPRESENTATIVE OF FEET	FOOTAGE	PERMEABILITY, MD.		EFFECTIVE POROSITY %	SATURATION % OF PORE SPACE		DESCRIPTION
			HORIZONTAL	VERTICAL		RESIDUAL OIL	WATER	
			Core No. 1	775-795.5	(20.5 Ft.)			
	775-82	7.0	Recovered	775-795.5	(20.5 Ft.)	-	-	Ss vfg shy salty NA
	782-87.3	5.3	-	-	-	-	-	Sh sl sdy salty NA
	787.3-88.6	1.3	-	-	-	-	-	Ahy NA
	788.6-92	3.4	-	-	-	-	-	Sh Gyp stgr sl salty NA
	792-95.5	3.5	-	-	-	-	-	Ss vfg shy salty NA
	795.5-831	35.5	-	-	-	-	-	Drilled
			Core No. 2	831-840	(9 Ft.)			
	831-33	2.0	Recovered	831-840	(9 Ft.)	-	-	Dol d-vfx ahyd shy NA
	833-35	2.0	-	-	-	-	-	NSL
	835-840	5.0	-	-	-	-	-	Ss vfg shy Sh ptg NA
	840-1414	674.0	-	-	-	-	-	Drilled
			Core No. 3	1414-1440	(26 Ft.)			
	1414-15	1.0	Recovered	1414-1440	(26 Ft.)	-	-	Ss vfg sl shy gil Salt C NA
1	1415-16	1.0	-	-	-	-	-	Ss vfg sl shy salty
2	1416-17	1.0	2.9	7.2	16.7	39.2		
			2.3	11.0	11.8	50.0		