

DRILLERS LOG

OPERATOR: White & Ellis Drilling, Inc.; Box 448; El Dorado, Kansas 67042

CONTRACTOR: **White & Ellis Drilling, Inc., Box 448, El Dorado, Kansas 67042**

Lease Name Wentworth Well No. 4

Sec. 4 T. 35S R. 2E Spot CE/2 SW/4

County Sumner State Kansas Elevation _____

Casing Record:

Surface: 8 5/8" @ 253' with 180 Sxs. 3 3/8 CC

Production: 5 1/2" @ 3445' with 100 Sxs.

Type Well: Oil Total Depth 3452' K.B.

Drilling Commenced: 2-7-77 Drilling Completed 2-13-77

Formation	From	To	Tops
Cellar	0	7	Kansas City 3015
Soil-Clay-Shale	7	75	Mississippi 3432
Lime & Shale (Stks)	75	205	
Lime	205	253	
Lime & Shale (Stks)	253	500	
Lime & Shale	500	945	
Shale & Lime (Stks)	945	1490	
Shale & Lime	1490	2155	
Shale	2155	2303	
Lime	2303	2332	
Shale & Sand	2332	2435	
Sandy Shale	2435	2620	
Shale & Sand	2620	2980	
Lime & Shale (Stks)	2980	3010	
Shale	3010	3015	
Lime	3015	3080	
Lime & Shale	3080	3130	
Shale	3130	3160	
Lime	3160	3270	
Shale	3270	3360	
Shale & Lime (Stks)	3360	3432	
Lime	3432	3452	

COMPLETION RECORD

Liner Record: Size _____ From _____ To _____

Cementing Record: _____ Sacks _____

Perforating Record: _____

Formation _____ Perforated Interval _____ Number Shots _____