



20-33-2E

WHITE

AND ELLIS DRILLING, Inc.

DRILLERS LOG

OPERATOR: Jenkins & Broyles Production RFD #2, Box 20 Arkansas City, Ks. 67005

CONTRACTOR: White & Ellis Drilling, Inc., 401 E. Douglas, Suite 500,
Wichita, Ks. 67202

Lease Name Paton Well No. 4
Sec. 20 T. 33S R. 2E Spot SW SE NW
County Sumner State Kansas Elevation

Casing Record:

Surface: 8 5/8" @ 254' with 126 SX. 3%ccProduction: 4 1/2" @ 3634' with 175 SX.Type Well: Oil Total Depth 3635'Drilling Commenced 2-15-84 Drilling Completed 2-25-84

Formation	From	To	Tops
Cellar	0	7	Stalnaker 2365
Shale, Lime	7	1277	Layton 2729
Lime, Shale	1277	1486	Kansas City 2863
Shale, Lime	1486	1607	Bartlesville 3257
Lime, Shale	1607	1760	Mississippi 3300
Shale, Lime	1760	2228	Simpson 3594
Shale	2228	2365	
Sand, Shale	2365	2335	
Shale	2385	2729	
Sand	2729	2805	
Shale, Sand	2305	2363	
Lime	2863	2998	
Lime, Shale	2998	3133	
Shale, Lime	3138	3152	
Lime, Shale	3152	3198	
Shale, Lime	3198	3257	
Sand	3257	3273	
Shale, Sand	3273	3276	
Shale, Sand, Lime	3276	3300	
Lime	3300	3594	
Shale, Sand	3594	3635	