



COPY

WHITE

AND ELLIS DRILLING, Inc.

DRILLERS LOG

Operator: Black Petroleum Company API #15-109-20558
 P. O. Box 12922
 Wichita, KS 67277-2922

Contractor: White & Ellis Drilling, Inc.
 P. O. Box 48848
 Wichita, KS 67201-8848

Lease Name Garvey Well No. 1

Spot S/2 S/2 NE/4 Section 9 Township 13S Range 33W

County Logan State Kansas

Casing Record

Surface: 8 1/8" @ 274' with 165 SK.

Production: _____ @ _____ with _____ SK.

Type Well: D & A Total Depth 4664'

Drilling Commenced: 10-23-93 Drilling Completed: 10-29-93

<u>Formation</u>	<u>From</u>	<u>To</u>	<u>Tops</u>
Cellar	0	5	Anhydrite 2469
Clay, Sand, Shale	5	275	Topeka 3700
Shales	275	1035	Toronto/Lansing 3905
Shales & Sand	1035	3070	Kansas City 4090
Lime, Salt & Shales	3070	3295	Pawnee 4340
Lime & Shale	3295	4664	Ft. Scott/Cherokee & Johnson 4465
			Johnson 4576
			Johnson/Miss 4589

RECEIVED
 STATE CORPORATION COMMISSION

JAN 05 1994

CONSERVATION DIVISION