



21-16-21W ^{Qnd}

WHITE

AND ELLIS DRILLING, Inc.

DRILLERS LOG

OPERATOR: White & Ellis Drilling, Inc., 401 E. Douglas - Suite 500, Wichita, KS 67202

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

Lease Name Miner Well No. 1-21

Sec. 21 T. 16 S R. 21 W Spot SE SE NE

County Ness State Kansas Elevation _____

Casing Record:

Surface: 8 5/8" @ 305' with 165 sx. 2% Gel 4% CC

Production: _____ @ _____ with _____ sx.

Type Well: D & A Total Depth 4310'

Drilling Commenced 3-27-89 Drilling Completed 4-1-89

Formation	From	To	Tops
Cellar	0	7	
Rock	7	35	
Shale	35	905	
Shale, Shells	905	1025	
Sand	1025	1290	
Shale, Shells	1290	3255	
Shale	3255	3500	
Shale, Shells	3500	3755	
Lime, Shale	3755	4015	
Lime	4015	4160	
Sand	4160	4255	
Lime, Sand	4255	4263	
Lime	4263	4310	

APR 13 1989

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH