

DRILLERS LOG

YOUNGER #4

CASING RECORD:

8 5/8" set at 209'

TOTAL DEPTH:

3840'

OPERATOR: Liberty Enterprises Co.

CONTRACTOR: Helberg Oil Company

COMMENCED: February 23, 1977

COMPLETED: March 5, 1977

DESCRIPTION:

SW SW NW
Sec. 25-13-20, Ellis County, Kansas

FORMATION	FROM	TO	REMARKS
Shale	0	40	
Shale	40	230	
Shale & Sand	230	410	
Shale & Sand	410	1330	
Shale	1330	1432	
Anhydrite	1433	1480	
Shale	1480	1505	
Shale	1505	1900	
Shale	1900	2250	
Shale & Lime	2250	2420	
Shale & Lime	2420	2500	
Shale & Lime	2500	2725	
Lime & Shale	2725	2850	
Lime & Shale	2850	2990	
Lime & Shale	2990	3130	
Lime & Shale	3130	3230	
Lime & Shale	3230	3315	
Lime & Shale	3315	3389	
Lime	3389	3430	
Lime & Shale	3430	3440	
Lime	3440	3470	
Lime	3470	3527	
Lime	3527	3590	
Lime	3580	3598	
Lime	3598	3620	
Lime	3620	3665	
Lime	3665	3735	
Lime	3735	3780	
Lime	3780	3840	
T.D.	3840		Run pipe