

WELL LOG

OPERATOR: Liberty Enterprises, Inc.

WELL NAME: Wasinger "B" #1 LOCATION: SE SW NW 21-11-18W

COUNTY: Ellis STATE: Kansas

WELL COMMENCED: June 14, 1978 WELL COMPLETED: June 24, 1978

ELEVATION: 1919 KB TOTAL DEPTH: 3487'

PRODUCTION: D & A RIG NO: #1

CASING - 8-5/8": 208' with 140 sxs common 2% gel, 3% cc

5-1/2": none

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

			DEVIATION	REMARKS:
FROM	TO	FORMATION	FROM VERTICAL	
0'	216'			
216'	680'	sand and shale		
680'	715'	sand		
715'	890'	sand		
890'	1200'	shale and Redbed		
1200'	1239'	Anhydrite		
1239'	1330'	shale and Redbed		
1330'	1740'			
1740'	1930'	lime and shale	1774'-1 degree	
1930'	2150'	lime and shale		
2150'	2260'		2244'-1 degree	
2260'	2460'	shale and lime		
2460'	2700'	lime and shale		
2700'	2910'			
2910'	3062'	lime and shale		
3062'	3108'	lime and shale	3080'-1 degree	
3108'	3135'	lime		
3135'	3200'	lime		
3200'	3225'	lime and shale		
3225'	3235'	lime		
3235'	3286'	lime		
3286'	3353'			
3353'	3386'	lime		
3386'	3395'	lime		
3395'	3450'			
3450'	3477'	lime		
3477'	3487'	RTD		

STATE OF KANSAS
COUNTY OF