

WELL LOG

OPERATOR: Petroleum Management, Inc.

WELL NAME: Friebus #1 LOCATION: NW NW SE 25-2S-19W

COUNTY: Phillips STATE: Kansas

WELL COMMENCED: January 7, 1980 WELL COMPLETED: January 13, 1980

ELEVATION: 2154' K.B. TOTAL DEPTH: 3760'

PRODUCTION: D & A RIG NO: #1

CASING - 8-5/8": 206.10' of 28# cemented with 120 sxs common 2% gel 3% cc

5-1/2": none

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

			DEVIATION FROM VERTICAL	REMARKS:
FROM	TO	FORMATION		
0'	215'	sand and clay		
215'	700'	sand and clay		
700'	1700'	shales and sands		
1701'	1705'	Anhydrite		
1705'	1728'	Anhydrite		
1728'	1985'	sand and shale		
1985'	2300'	shale and lime	1991' - 1/4 degree	
2300'	2354'	shales and shells		
2354'	2545'	shale and shells		
2545'	2584'	shale	2584' - 2 degrees	
2584'	2597'	shale and lime		
2597'	2785'	shales and limes		
2785'	3000'	shale and lime		
3000'	3040'	lime and shale		
3040'	3148'	lime and shale		
3148'	3343'	limes and shales		
3343'	3460'	lime and shale	3460' - 2 degrees	
3460'	3460'			
3460'	3475'	lime and shale		
3475'	3612'	lime and shale		
3612'	3696'	lime and shale		
3696'	3760'	lime and shale		
3760'	RTD			

RECEIVED

FEB - 5 1980