

R O T A R Y D R I L L E R S ' L O G

OPERATOR: Graves Drilling Co., Inc. DRILLING COMMENCED: July 22, 1980  
910 Union Center  
Wichita, Kansas 67202

CONTRACTOR: Graves Drilling Co., Inc. DRILLING COMPLETED: July 29, 1980  
910 Union Center  
Wichita, Kansas 67202

CASING RECORD: 5 Jts. 223' of used 8-5/8" cemented with 200 sacks. LOCATION: DeWeese No. 1  
600' EWL & 330' SNL of SE  
Section 12-32S-12W  
Barber County, Kansas

120 Jts. 4330' of used 4½" cemented with 75 sacks.

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0 -	50	Sand
50 -	223	Red bed
223 -	1537	Red bed & shale
1537 -	1743	Red bed, shale & lime
1743 -	2030	Shale & lime
2030 -	2191	Lime & shale
2191 -	2600	Shale & lime
2600 -	3035	Lime & shale
3035 -	3449	Shale & lime
3449 -	3603	Lime & shale
3603 -	3964	Shale & lime
3964 -	4099	Lime & shale
4099 -	4307	Shale & lime
4307 -	4332	Lime
4332		Rotary Total Depth

I hereby certify the foregoing statements to be true and correct to the best of my knowledge.