



Musgrove Petroleum Corporation  
K F H Building  
Wichita, Kansas

Grunder Well No. 1

SE SE SE  
Sec. 12-25-15  
Stafford County, Kansas

Contractor: The R. W. Rine Drilling Company  
Started: 12-21-47 Finished: 1-11-48

Log

Sand and shale	0- 165	
Sand and gravel	165-215	
Shale	215- 245	8 5/8" csg. cemented @ 244'
Shale	245- 300	
Red bed	300- 665	
Red bed and shale	665- 800	
Shale and shells	800-1425	
Lime and shale	1425-1665	
Shale and shells	1665-1885	
Lime and shale	1885-2176	
Lime	2176-2285	
Lime and shale	2285-2895	
Shale and shells	2895-3015	
Shale and lime	3015-3095	
Lime	3095-3165	
Lime and shale	3165-3380	
Lime	3380-3640	
Lime and shale	3640-3915	
Lime	3915-4125	
Lime and shale	4125-4233	
Chert	4233-4246	
Shale and lime	4246-4292	
Lime and chert	4292-4314	
Sand and shale	4314-4368	
Shale and lime	4368-4406	
Lime	4406-4428	
Lime and shale	4428-4510	
Lime	4510-4550	

Total Depth 4550'  
Dry and abandoned

State of Kansas )  
County of Sedgwick ) ss

I, Clyde W. Goddard, do hereby certify that the above is a true and complete log of the Grunder Well No. 1 in the SE/4 of the SE/4 of the SE/4 of Sec. 12-25-15, Stafford County, Kansas.

*Clyde W. Goddard*  
Secretary

Sworn to and subscribed before me this 16th day of January, 1948.

*Louisa Hancy*  
Notary Public

My Commission Expires August 27, 1951

PLUGGING  
FILE SEC 12-25-15  
BOOK PAGE 9 LINE 7