

CONTRACTOR'S WELL LOG

OPERATOR: F & M OIL CO., INC.  
 CONTRACTOR: Union Drilling Co., Inc.  
 LEASE NAME: Summit #1  
 LOCATION: SW NE SE Section 32-4S-29W  
 Decatur County, Kansas  
 COMMENCED: August 30, 1982  
 COMPLETED: September 4, 1982

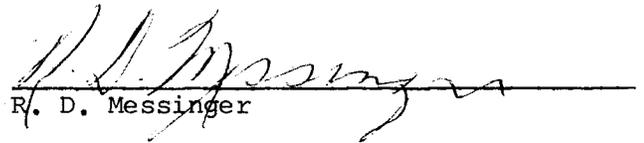
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0	2890	Shale	Set 8-5/8" @ 254' w/160 sxs common
2890	3210	Shale & lime	cement 2% gel, 3% CC
3210	3945	Lime & shale	
3945		RTD	

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We certify that the above foregoing is a true and correct copy of the log on the Summit #1, SW NE SE Section 32-4S-29W, Decatur County, Kansas.

Union Drilling Co., Inc.

  
 R. D. Messinger

STATE OF KANSAS     )  
                                   ) SS  
 COUNTY OF SEDGWICK )

Subscribed and sworn to before me a Notary Public, in and for the aforesaid County and State as of this 9th day of September, 1982.

My appointment expires:  
12-24-84

  
 Shirley A. Gallegos-Notary Public



*Shirley A. Gallegos*  
 NOTARY BRANCH