

16-21-3W

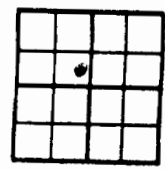
COMPANY LAW, SPEAR & FORESE

SEC. 16 T. 21 R. 3W  
 LOC. CE/2 E/2 SE NW

FARM Flaming NO. 1

TOTAL DEPTH 3420½'  
 COMM. 7-15-66 COMP. 7-25-66  
 SHOT OR TREATED  
 CONTRACTOR Melland Drlg. Co., Inc.  
 ISSUED 12-24-66

COUNTY McPherson  
 KANSAS



CASING  
 20 10  
 15 B 5/8 218' w/180 sx cem.  
 12 6 3415' w/80 sx cem.  
 13 5

ELEVATION 1468' K.B.

PRODUCTION Pmp. 30 BED, NW (ARB 3415-20½)

FIGURES INDICATE BOTTOM OF FORMATIONS

surface clay	50
sand	175
blue shale	218
shale	404
anhydrite	445
lime	655
shale & lime	1018
shale	1758
lime & shale	2149
sand	2360
lime & shale	3044
shale	3358
sand	3406
Arbuckle	3420.5
RTD	3420.5

TOPS: SCOUT	
Heebner	2139
Toronto	2154
Douglas	2166
Lansing	2408
B/Kansas City	2972
Ero Mississippi	3015
Kinderhook	3046
Maquoketa Dolomite	3245-58
Viola	3312
Simpson Shale	3336
Simpson sand	3343
Arbuckle	3413

CERTIFICATE

State of Kansas, County of McPherson, ss.

Donald J. Melland, do hereby certify that the above is a true and correct copy of the log of the above named and described well as reflected by the records of the Melland Drilling Company, Inc.