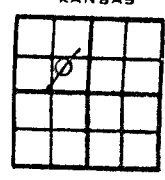


COMPANY **JOHN C. GRAVES ET AL**  
 FARM **Mowry** NO. **1**

SEC. 31 T. 13 R. 15W  
 LOC. NW SE NW

TOTAL DEPTH **3425'**  
 COMM. **7-18-68** COMP. **7-25-68**  
 SHOT OR TREATED  
 CONTRACTOR **Graves Drilling**  
 ISSUED **9-14-68**

COUNTY **Russell**  
 KANSAS



CASING  
 20 10  
 15 8 **5/8" 251' cem w/ 150 sx**  
 12 6  
 13 5

ELEVATION **1918' KB**  
 PRODUCTION **DRY/ARB**

FIGURES INDICATE BOTTOM OF FORMATIONS

0 - 251	Soil & shale
251 - 380	Red bed & shale
380 - 625	Clay & sand
625 - 975	Red bed
975 - 1026	Anhydrite
1026 - 1640	Shale & shells
1640 - 1905	Shale & lime
1905 - 1990	Lime
1990 - 2830	Lime & shale
2830 - 3055	Lime
3055 - 3101	Lime & shale
3101 - 3300	Lime
3300 - 3392	Shale & lime
3392 - 3425	Lime
3425	Rotary Total Depth

TOPS: SMP  
 Heebner 3054  
 Toronto 3073  
 Lansing 3101  
 Base Kansas City 3340  
 Cedar Hills Council Grove 3352  
 Arbuckle 3399  
 TD 3425