

7-1-33W

KANSAS GEOLOGICAL SOCIETY  
KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU  
KANSAS GEOLOGICAL SOCIETY BUILDING  
508 EAST MURDOCK - WICHITA, KANSAS

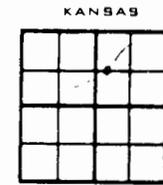
COMPANY **EMPIRE DRILLING**

SEC. 7 T. 1 R. 33W  
LOC. APP CW/2 W/2 NE  
440' WL & 1320' NL, NE/4

FARM **R. H. Palmer** NO. 2

TOTAL DEPTH **4200**  
COMM. **4-25-67** COMP. **5-4-67**  
SHOT OR TREATED  
CONTRACTOR **Empire Drlg.**  
ISSUED **6-10-67**

COUNTY **Rawlins**



CASING

20	10
15	8 5/8" @ 204' w/100 sx
12	6
13	5

ELEVATION **3024'KB**

PRODUCTION **DRY/BKC**

FIGURES INDICATE BOTTOM OF FORMATIONS

0	to	400	Surface-Shale
400	to	1700	Shale
1700	to	2150	Shale & Sand
2150	to	2310	Shale
2310	to	2658	Shale & Gypsum
2658	to	2672	Blaine Gypsum
2672	to	2867	Redbed
2867	to	2901	Anhydrite
2901	to	3140	Shale
3140	to	3280	Shale & Lime
3280	to	3612	Lime
3612	to	3760	Shale & Lime
3760	to	4200	Lime
4200			Rotary Total Depth

SET: 204' of 8 5/8" with 100 sads cement.

SCHLUMBERGER ELECTRIC LOG TOPS:

Anhydrite	2866	+158
Base Anhydrite	2899	+125
Topeka	3723	-699
Deer Creek	3774	-750
Oread	3838	-814
Base Leavenworth	3885	-861
Douglas Sand	3890	-866
Lansing	3926	-902
Sandy Zone	3947	-923
Base Kansas City	4183	-1159
Total Depth	4199	-1175

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C E R T I F I C A T I O N

I, Dan J. Kornfeld, do hereby certify that the above and foregoing is a true and correct copy of the log on the R. H. Palmer #2, Approx. C W/2 W/2 NE Section 7-1-33W, Rawlins County, Kansas, as reflected by the files of the