



WELL LOGCrown Oil Co.  
WOELK #1Section 28-12-14<sup>N</sup>  
SW SW SW  
Russell County, KansasTotal Depth 2832'  
Comm: 9/29/49, Comp: 10/6/49  
Contractor: Harms & Knight Drilling Co.  
Issued: 10/12/49 Rotary 0-2832'Elevation:  
Production:Casing Records: 8 5/8" set @ 717', cemented with 300 sacks, circulated.  
5 1/2" set @ 2871', cemented with 75 sacks.

Figures indicate bottom of formation:

Cellar	5
Shale	60
Sand	105
Red Bed	255
Shale and shells	375
Redbed and shale	705
Chalk and anhydrite	710
Anhydrite	755
Redbed	950
Shale and shells	1020
Salt and shale	1120
Lime and shells	1675
Lime	1760
Lime and shale	2335
Sand, shale, & broken lime	2380
Sand and shale	2490
Shale and shells	2525
Shale and lime	2535
Lime	2832
Total Depth	2832

Drilling was continued with cable tools to a total depth of 3145 feet:

Lime and Shale Breaks 3145

We hereby certify this to be a correct and accurate log of the above described well as shown on the daily drilling reports.

HARMS &amp; KNIGHT DRILLING CO.

By: *H. Harms*

Subscribed and sworn to before me this 12th day of October, 1949.

*Merle V. Sandys*  
Notary Public

My commission expires:

Oct. 15, 1951