

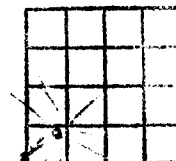
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- **ASHLAND OIL & REFINING**
 Farm- **Harden Unit No. 1**

SEC. 32 T. 34 R. 25W
NE SW SW
1250' EWL, 1250' NSL

Total Depth. 6010'
Comm. 1-9-63 Comp. 1-30-63
Shot or Treated.
Contractor. R. W. Rine Drlg. Co.
Issued. 4-13-63

County Clark
KANSAS



Elevation. 2056' DF

Production. 58,300 MCFG

CASING:

8 5/8" 716' cem w/600 sx.
4 1/2" 6002' cem w/175 sx.

Figures Indicate Bottom of Formations.

red bed & sand	633
red bed	1012
red bed & gyp	1562
red bed & sand	2065
red bed & gyp	2228
shale & gyp	2390
shale	2681
lime & shale	3021
lime & anhydrite	3181
lime & shale	3362
lime, shale & chalk	3507
lime & shale	3762
lime, shale & chalk stringers	4002
lime & shale	4970
lime	5733
lime, shale & sand	5805
shale & lime	5992
lime	6010
Total Depth	

TOPS: LOG	
Heebner	4322
Brown Lime	4494
Lansing	4506
Marmaton	5229
Cherokee	5404
Morrow	5733
Chester	5795