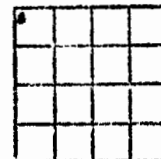


WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY **30-15-17W**
 503 East Murdock, Wichita, Kansas

Company- NATIONAL COOPERATIVE REFINERY ASSOCIATION SEC. 30 T. 15 R. 17W
 Farm- Leiker No. 1 NW NWNW

Total Depth. 3547
 Comm. 5-14-53 Comp. 5-26-53
 Shot or Treated.
 Contractor. John Lindas Oil, Inc.
 Issued. 7-25-53

County Ellis KANSAS



CASING:
 8 5/8" 1142' cem. w/ 725 sx
 5 1/2" 3526' cem. w/ 150 sx

Elevation. 1984' DF

Production. 250 bbls. & no wtr

Figures Indicate Bottom of Formations.

shale & sand	40
shale	100
shale & shells	500
sand & shale streaks	550
sand	765
red bed	800
shale & shells	1075
red rock	1140
anhydrite	1170
red rock	1290
shale & shells	1810
lime	1840
shale & lime	1870
lime	1960
lime & shale	2170
lime	2205
lime & shale	2240
lime	2475
lime & shale	3120
lime	3547
Total Depth	

TOPS: Scout	
Anhydrite	1132
Heobner	3215
Toronto	3231
Lansing	3264
Arbuckle	3523