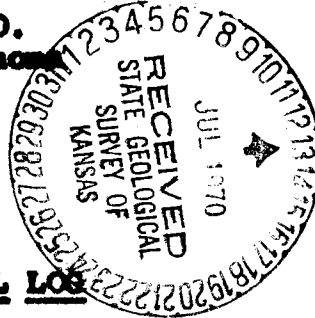


KANSAS GEOLOGICAL SOCIETY
508 East Murdock
Wichita, Kansas

JUL 11 1970

1-31-4W
NW NE SW
1-31-4W

MACK OIL CO.
Duncan, Oklahoma
73533



Dry/KH

DRILLERS WELL LOG

#1 Shetlar #1
Commenced R. D.: 6-3-70
Completed R. D.: 6-14-70
Rotary Total Depth: 4511'

NW NE SW - Section 1-31S-4W
Sumner County, Kansas
Elevation: 1458' K. B.
Initial Production: Dry
Contractor: Thomas Drilling Co.

<u>STRATA</u>	<u>DEPTH</u>
Sand & Red Bed	0 - 272'
Shale	272 - 760
Lime	760 - 1265
Lime & Shale	1265 - 1515
Shale & Lime	1515 - 1801
Shale & Shells	1801 - 2241
Shale & Lime	2241 - 2904
Lime	2904 - 3054
Lime & Shale	3054 - 3457
Lime	3457 - 4502
Shale & Lime	4502 - 4511' - R. T. D.

Kansas City 3448
Mississippi 4096

I hereby certify that the above is a true and correct log of said well as reflected by the daily drilling reports.

MACK OIL CO.

By Benny C. Singleton, Jr.
Benny C. Singleton, Jr.

Signed and sworn to in my presence this 18th day of June, 1970, by Benny C. Singleton, Jr., representative for Mack Oil Co.

Elizabeth F. Nice
Elizabeth F. Nice, Notary Public