

AUG 2 1969

3-10S-40W

MACK OIL CO.
Duncan, Oklahoma
73533

DRILLERS WELL LOG

#1 Darnauer

Commenced R. D.: 2- 4-69
Completed R. D.: 2-17-69
Rotary Total Depth: 5240'

C NW NW - Section 3-10S-40W
Sherman County, Kansas
Elevation: 3741' K. B.
Initial Production: Dry
Contractor: Mack Oil Co.

STRATA	DEPTH
Top Soil & Clay	0 - 30'
Sand	30 - 190
Shale	190 - 1616
Shale & Sand	1616 - 2108
Dakota Sand	2108 - 2375
Sand & Lime	2375 - 2551
Lime	2551 - 2855
Lime & Shale and Anhydrite	2855 - 3120
Anhydrite	3120 - 3155
Shale & Shells	3155 - 3600
Shale, Lime & Red Bed	3600 - 3768
Lime	3768 - 3932
Lime & Shale	3932 - 4079
Lime	4079 - 4171
Lime & Shale	4171 - 4210
Lime	4210 - 4339
Lime & Sand	4339 - 4441
Lime	4441 - 4969
Sand	4969 - 5001
Lime & Sand	5001 - 5015
Lime	5015 - 5109
Lime & Sand	5109 - 5155
Lime	5155 - 5175
Sand	5175 - 5201
Lime	5201 - 5240'

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.