WELL LOG

12-31-2W

COMPANY RAINS AND WILLIAMSON OIL CO., INC. SEC. 12 T. 31S R. 2W
LOC. N/2 NE SW

FARM ROTH-HORNER NO. 1

RIG. NO. 3 SUMNER

TOTAL DEPTH 3825' COUNTY

KANSAS

COMM. 9-27-75 COMP. 10-8-75

CONTRACTOR RAINS AND WILLIAMSON OIL CO., INC.

CASING

20 10
15 8 -5/8" @ 285' cemented w/200 sxs cement. 2% cc, 3% gel.
12 6
13 5

ELEVATION 1313 KB

PRODUCTION OIL

4½" @ 3823' w/100 sxs cement, 15% salt.

FIGURES INDICATE BOTTOM OF FORMATIONS

SHALE & SHELLS	288
SHALE	330
SHALE & LIME	1055
SHALE & SHELLS	1370
SHALE & LIME	2695
LIME & SHALE	2860
LIME SHALE & SAND	3149
LIME	3301
LIME & SHALE	3770
LIME	3825
ROTARY TOTAL DEPTH	3825

LOG TOPS:	DEPTH:
St	2781
Kc	3094
Bkc	3338
Cher	3606
Miss Cht	3755
Mi Dol	3759
Rtd	3825
Ltd	3829

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STATE GEOLOGICAL SURVEY OF KANSAS

KANSAS