15-137-20116

State Geological Survey
WICHITA, BRANCH

DRILLER'S LOG

35-4-22W

COMPANY: Leben Oil Corporation

SEC. 35 T. 4S R. 22W

LOC. SW NW SE

WELL NAME: #3 Hansen Estate

COUNTY: Norton

RIG NO. #4

TOTAL DEPTH 3552'

ELEVATION

COMMENCED: 3-3-77 COMPLETED: 3-8-77

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 207' w/150 sx. 60/40 poz., 2% gel, 3% cc.

PRODUCTION: 4 1/2" @ 3542' w/200 sx. 50/50 poz., 2% gel, 18% salt, 3/4 of 1% CFR2, 20 bbl. salt flush.

LOG

(Figures Indicate Bottom of Formations)

Sand & Blue Shale	217
Shale & Sand	1225
Shale, Redbed & Sand	1480
Redbed, Sand & Shale	1685
Shale & Redbed	2093
Shale	2545
Shale & Lime	2790
Lime & Shale	2930
Shale & Lime	3328
Lime & Shale	3425
Lime	3552
ROTARY TOTAL DEPTH	3552

STATE OF Kansas) ss.