** The person who can be reached by phone regarding any question this information.

**OCT 2 1 1983

**CONSERVATION DIVISION

Side TWO LEASE NAME Nicholson WELL NO #3 Liberty Operation & SEC 29 TWP 12s RGE 20 OPERATOR FILL IN WELL INFORMATION AS REQUIRED: Show Geological markers, Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth logs run, or other interval tested, cushion used, time tool open, flowing and Descriptive information. shut-in pressures, and recoveries. Bottom Name Depth Top Formation description, contents, etc. TOPS Check if no Drill Stem Tests Run. ANHYDRITE 1546 (+639) Check if samples sent Geological TOPEKA 3214 (-1029) Survey. HEEBNER 3442 (-1257) 3464 (-1279) TORONTO LANSING/KC 3479 (-1294) 0' 284' sand and shale BASE/KC 419' 3726 (-1541) 284! shale and sand MARMATON 3776 (-1591) 1464' 419' sand and shale ARBUCKLE 3848 (-1663) 1464' 1544' shale 1544 1587' anhydrite 1587' 1840' shale DRILLSTEM TEST #1 1890**'** INTERVAL: 3780-3871
RECOVERY: 314' drilling mud
with oil specks 1840' shale 2012' 1890' shale 2384' 2012' shales and limes 2384 2580 17 310' heavy gassy oil lime and shale 2580! 2789**'** shales and lime cut mud 2789**'** 2996 30-30-30-30 shale and limes INITIAL HYD MUD 2175 2996' 3130' lime and shale 1ST INITIAL FL PRESS 363 3278' 3130' shale and lime 1st FINAL FL PRESS 387 3278**'** 3393**'** shale and lime INITIAL CL-IN PRESS 2ND INITIAL FL PRESS 2ND FINAL FL PRESS 924 lime and shale 3393 3480' 408 3550**'** shale and lime 3480**'** 418 FINAL CL-IN PRESS shale and lime 3550**'** 3633**'** 910 FINAL HYD MUD 2137 3710' lime and shale 3633**'** 3780' 3710**'** shale and lime 3871 ' 3780**'** shale and lime 3871 ' 3883 arbuckle 3910' 3883 4 arbuckle. 3910' R.T.D. If additional space is needed use Page 2 Report of all strings set — surface, intermediate, production, etc. CASING RECORD XXXXX or (Used) Type and percent additives Size hole drilled Size cosing set | Weight lbs/ft. Setting depth Purpose of string Type cement Sacks 155 3%cc 2%gel 277.33 50-50pos 12 1/4" 8 5/8" 20# Surface Casing 9.5# 3894 100 4 1/2" ASC 7 7/8" Production LINER RECORD PERFORATION RECORD Top, ft. Shots per ft. 4 per 1' Depth interval 3858-3861 Bottom, ft. Sacks cement Size & type TUBING RECORD 4 per 1' 3859-3862 etting depth Packer set at 2 3/8" 3867.75 -ACID, FRACTURE, SHOT GEMENT SQUEEZE RECORD Amount and kind of material used Depth interval treated 250 gallons 15% mud acid 3858-3861, 3859-3862 SHARON WILLIAMS OLIBIE VEATOR . [3] Date of first production Gravity MY APPT, EXPIRES Pumping Water Gas-oil ratio Estimated Production-I.P. MCF CFPB Disposition of gas (vented, used on lease or sold) द्रवित । द्रुप्त Perforations

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