day of December

19<u>83</u>.

SHARON WILLIAMS NOTARY PUBLIC STATE OF KANSAS MY APPT. EXPIRES 10-24-84 MY COMMISSION EXPIRES:

RECEIVED ETATE CORPORATION & Cleans (NOTARY PUBLIC)
Sharon Williams

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\*\* The person who can be reached by phone regarding any duestions concerning this information.

KEKKX

Side TWO SEC 15 TWP8s RGE 25 (W) Liberty Operations & LEASE NAME Ostmeyer **OPERATOR** WELL NO #2 FILL IN WELL INFORMATION AS REQUIRED: Show all important zones of porosity and contents thereof; Show Geological markers, logs run, or other cored intervals, and all drill-stem tests, including depth Descriptive information. interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries. Bottom Name Depth Top Formation description, contents, etc. TOPS ANHYDRITE 2065 (+283) Check if no Drill Stem Tests Run. TOPEKA 3381 (-1033) Check if samples sent Geological HEEBNER 3617 (-1269) Survey. 3640 (-1292) TORONTO 3657 (-1309) LANSING/KC BASE/KC 3870 (-1522) shale and sand 0' 40' 277' shale and sand 40' 277' 280' sand 280' 1305 shale and sand 1305' 2070' shale and sand anhydrite 2070 2075 2107' anhydrite 2075**'** 2435' 2108 sand and shale 2435' .2600\/m/i shales 2805 shale and lime 2600**'** shale and lime 3007**'** 2805 lime and shale 3007**'** 3210' 3383**'** lime and shale 3210' lime and shale 3383**'** 3556**'** lime and shale 3556**'** 3710' 3710' lime and shale 3824 lime and shale 3824 3925 3925**'** R.T.D. If additional space is needed use Page 2 Report of all strings set - surface, intermediate, production, etc. CASING RECORD (New) or XXXXXX Type and percent additives Sixe hole drilled | Sixe casing set (in O.D.) Weight lbs/ft. Setting depth Purpose of string Type cement Sacks Surface Casing 12 1/4" 8 5/8" 24# 276' 145 60-40pos 2%gel 3%cc 4 1/2" 7 7/8" 150 Production 10.5# 3869! ASC LINER RECORD PERFORATION RECORD Top, ft. Bottom, ft. Socks cement Shots per ft. Size & type Depth interval 2 per 1' TUBING RECORD 4 per 1' 3784-3786 Setting depth Packer set at 2 3/8" 3848 ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD Amount and kind of material used Depth interval treated 500 gallons 15% mud acid, retreated with 1500 gallons 15% CRA 3806-3809 3784-3786 500 gallons 15% mud acid 1.NMS POMARS NOTARY PUBLIC (flowing, pumping, gds lift, etc.) Date of first production EXPL:ES Gravity <del>12-12-83</del> Pumping Water Estimated Gas-oil ratio Production-I.P. isposition of gas (vented, us 5 BWPD bbls 20 BOPD CFPB Perforations