STATE OF KANSAS MY APPT. EXPIRES 10 - 24-84874 \*\* The person who can be reached by phone togranding any wights, Kansas Slow

Williams (NOTARY PUBLIC)

ECORPORATION COMMISSION CONCERNING this Wichita, Kansas

SHARON WILLIAMS NOTARY PUBLIC

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Side TWO Liberty Operations & LEASE NAME Wise (OWWO) SEC 19 TWP 10s RGE 18 (W) OPERATOR WELL NO #1 FILL IN WELL INFORMATION AS REQUIRED: Show all important zones of porosity and contents thereof; Show Geological markers, cored intervals, and all drill-stem tests, including depth logs run, or other Descriptive information. interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries. Name Depth Formation description, contents, etc. Top Bottom OLD TOPS Check if no Drill Stem Tests Run. ANHYDRITE 1461 (+632) Check if samples sent Geological TOPEKA 3072 **(-**979) Survey. HEEBNER 3286 (-1193) 3309 (-1216) TORONTO 3330 (-1237) 0 ' 1229' LANSING/KC washdown 1229' 3681' BASE/KC 3549 (-1456) washdown CONGLOMERATE **3574 (~1481)** 3681' 3714 washdown SIMP DOL 3634 (-1541) 3714 R.T.D. 3671 (-1578) ARBUCKLE OLD DRILLSTEM TESTS #1 Interval Tested: 3412-3450 (Lans G) 30-30-30-30 Rec. 300' SW SIP 456-476#, FP 39-58# #2 Interval Tested: 3478-3562 (Lans) 30-30-30-30 Rec. 25' SOCM SIP 909-456#, FP 59-59# If additional space is needed use Page 2 Report of all strings set - surface, intermediate, production, etc. CASING RECORD (New) or XXXXXXX Sixe hole drilled Sixe casing set Type and percent additives Weight Ibs/ft. Setting depth Purpose of string Type cement Sacks 248' 12 1/4" 8 5/8" Surface Casing 150 7 7/8" 4 1/2" 10.5# 3684 ASC Production LINER RECORD PERFORATION RECORD : Depth interval Bottom, ft. Shots per ft. Size & type Top, ft. Sacks cement <u>4 per 1'</u> 3652-3654 reperf 16 holes @ 3652 TUBING RECORD 4 per <u>3616-3620</u> Setting depth perf 14 holes Size Packer set at 3576-3588 2 3/8" 3646' 3544.3525.3502 each @ ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD Depth interval treated Amount and kind of material used 500 gallons 15% mud acid 3652-3654 <del>250 gallons 15% mud</del> <del>3652</del> 3616-3620, 3576-3588 1000 gallons 15% mud, 2500 gallons A.O.G. 200 1500 gallons 15% mud acid <del>3544,3525, 3502</del> Producing method (flowing, pumping, gas lift, etc.) Date of first production Gravity Pumping 4-25-84 Gas-oil ratio Estimated %0 35 BOPD MCF CFPB Production-I.P. ition of gas (vented, used on lease or sold) Perforations