** The person who can be reached by phone regarding any questions concernity FD is

*** IF HOLE IS PLUGGED A THIRD COPY IS NEEDED. FOR INJECTION OR DISPOSAL FOUR COPIES ARE NEEDED.

HOTARY PUBLIC - State of Kansas

III My Appt. Exp.

PAM SHAFFER

9-30-86

19_83 .

MY COMMISSION EXPIRES:

AUG 0 7 1983

Shallor

(NOTARY PUBLIC)

OPERATOR

LEASE Irma B

WELL NO.

SEC. 10 TWP, 23s RGE. 15w(W)

FILL IN WELL INFORMATION AS REQUIRED: SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION. Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including dopth interval tostac, cushion used, time tool open, flowing and shut-in pressures, and recoveries. DEPTH FORMATION DESCRIPTION, CONTENTS, ETC. BOTTOM TOP Check if no Drill Stem Tests Run. LOG TOPS Howard 3003 1961 0 Shale Severy 3054 1961 Lime, Shale 2038 Topeka 3081 Shale, Lime Lime, Shale 2038 2510 Heebner 3472 2510 2750 3499 Toronto Shale, Lime 2750 3003 Douglas 3512 3003 3054 Lime Brown Lime 3601 Shale 3081 3054 Lansing 3611 Lime 3081 3472 3961 Cong. 3476 3472 Shale 4015 Viola Shale, Lime 3476 3499 Simpson Sand 4073 3499 3512 Lime Arbuckle 4126 Shale 3512 3601 4139 I TD Lime 3601 3961 RTD 4140 Lime, Shale, Sand, Chert 3961 4015 Lime 4015 4073 Sand 4073 4126 Dolomite 4126 4140 DST #1 1951-2038 times: 15-15-15-15 ISIP 51. FSIP 51. IF 51-30, FF. rec: 6' muddy water FSIP 102, IF 122-102, FF 122-122, DST #2 3953-4040 times: 45-45-45-45 ISIP 193, rec: 125' GIP, 70' mud 1170' GIP, 45' OCM, 60' HOCM, 60' DST #3 4030-4096 time ob 3 hrs, rec: MdyGsy0 If additional space is needed use Page 2, Side 2 Report of all strings set - surface, intermediate, production, etc. CASING RECORD (New) or (Used) Size casing set Weight lbs/ft. Setting depth Type and parcent additives Sacks Type comont Sixe hale drilled . Purpose of string Surface 121" 409' 8 5/8" 23# 285 3%cc, 2%gel common 10.5# 41391 411 Production 7 7/8" 18% salt, 3/<u>4</u>of 1% 60/40 poz 175 LoMar D PERFORATION RECORD LINER RECORD Depth Interval Socks cement Size & type Shots per ft. Top, ft. Bottom, ft. 4074-4082 2 TUBING RECORD 4078-4086 2 Setting depth Packer set at Sixe ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD Depth interval treated Amount and kind of material used partings 2 - 3/15 West. Acidized w/ 500 gal MCA ranuse Mai Frac w/ 17700 gal crosslink gel, 13500# 20/40 & 9000# 10/20 san Producing method (flowing, pumping, gas lift, etc.) Date of first production Gravity Not Applicable N/A Gas-oil ratio Water Gas % Estimated CFPB Production <u>N/A</u> MCF bbls Disposition of gas (vented, used on lease or sold) Perforations