KANSAS CORPORATION COMMISSION ONE POINT STABLIZED OPEN FLOW OR DELIVERABILITY TEST

FORM G-2 (Rev.8/98)

Checked by

TYPE TEST: Open Flow Deliverability 1/11/2012 057-20611-0000 TEST DATE: API No. Lease Well Number Ritchie Exploration Stephenson 4B County Section Location Acres Attributed RNG (E/W) Ford SE NW NW 4 28s 22w 640 Field Reservoir Gas Gathering Connection Lamb North Mississippian Superior Pipeline Completion Date Plug Back Total Depth Packer Set at 7-1-10 5165 Casing Size Weight Internal Diameter Set at Perforations To 4.500 10.500 4.052 5187 4968 4991 Tubing Size Weight Internal Diameter Set at Perforations 2.375 4.700 1 995 4992 Type Completion (Describe) Type Fluid Production Pump Unit or Traveling Plunger? New Well None Producing Thru (Annulus/Tubing) % Carbon Dioxide % Nitrogen Gas Gravity- Gq tubing 0.087 9.531 0.662 Vertical Depth (H) Pressure Taps Meter Run Size 4979 3.067 Pressure Buildup: Shut in 1/6/2012@ 1030 TAKEN 1/10/2012@1330 1/10/2012@ 1330 Well on Line: Started TAKEN 1/11/2012@1330 **OBSERVED SURFACE DATA** Casing WellHead Press. Tubing WellHead Press Static/ Orifice Meter Pressure Flowing WellHead Liquid Dynamic (P_w) (P_t) (P_c) $(P_w)(P_t)(F_c)$ Size Pressure Diff. Temp. Temp. Duration Prod. Property In. H 20 in psig (Hours) Barrels t. t. psig psia psig psia Shut-in 1202 1217 1201 1216 75.0 Flow 1.625 50.0 35.20 61 929 943 899 914 24.0 FLOW STREAM ATTRIBUTES COEFFICIENT (METER) EXTENSION GRAVITY FLOWING TEMP DEVIATION RATE OF FLOW (Fb) PRESSURE FACTOR FACTOR FACTOR GOR G m Pm x Hw Mcfd psia Fq Ft Fpv Mcfd 13.580 64.4 47.61 1.2291 0.9990 1.0052 798 0.662 (OPEN FLOW)(DELIVERABILITY) CALCULATIONS $(Pa)^2 = 0.207$ (Pc)² = 1481.8 $(Pw)^2 =$ 890.8 $(Pd)^2 = 2.50$ Pd = 4.1 (Pc - 14.4) + 14.4 =Backpressure Open Flow Curve Slope"n' Deliverability = R x Antilog LOG n x LOG Assigned Antilog Mcfd Standard Slope 1481.61 591.06 2.507 0.3991 1.000 0.3991 2.507 2000 1479.32 591.06 2.503 0.3984 1.000 0.3984 2.503 1997 OPEN FLOW 2000 Mcfd @ 14.65 psia DELIVERABILITY 1997 Mcfd @ 14.65 psia The undersigned authority, on behaf of the Company, states that he is duly authorized to make the about and that he has knowledge of the facts stated herein and that said report is true and correct. Executed this the JAN 17 2012 Witness (if any)

KCC WICHITA

For Commission