

15-007-22650-0000
 STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division Initial Form C-5 Rev.

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 7-9-03

Company: F.G. Holl company LLC Lease: LAWRENZ Well No. 1-10

County: Barber Location: 100' W of SE-SW- SW 300' FSL #890 FWL Section: 10-30S Township: 13W Range (E/W): Acres:

API Well Number: 15-007-22650 Reservoir(s): Kinderhook - Viola Gas Pipeline Connection:

Completion Date: 7-11-01 Type of Completion (Describe): New well completion Plug Back T.D.: 4704 Packer Set At:

Lifting Method: Pumping Type Liquid: Oil & Water API Gravity of Liquid/Oil: 31.5

Casing Size: 4 1/2 Weight: 10.5# ID: 4.052 Set At: 4829 Perforations: 4434 To 4452 Kinderhook

Tubing Size: 2 3/8 Weight: 4.7 ID: 1.995 Set At: 4409 Perforations: 4434 To 4452 Viola

Pretest Starting Date: 7-8-03 Time: 10 AM/PM Ending Date: 7-9-03 Time: 10:00 AM/PM

Test Starting Date: 7-8-03 Time: 10 AM/PM Ending Date: 7-9-03 Time: 10:00 AM/PM

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure: Casing: 31 Psig Tubing: 85 Psig Separator Pressure: 31 Psig Choke Size:

Bbls./In.	Stock Tank		Starting Gauge			Ending Gauge			Net API Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest										
Test	250	2767	5'	8'	113.36	6'	-	120	2.6	6.64
Test										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections (Yes/No): Pipe Taps: Flange Taps: Orifice Meter Range: Differential: Static Pressure:

Type Measuring Device	Entry Size	Orifice Size	Meter-Prover-Tester Pressure					Diff. Press. (h _w) or (h _d)	Gas Gravity (G _v)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (P _d)	%CO ₂	H ₂ S ppm			
Orifice Meter										
Critical Flow Prover										
MERLA Well Tester										

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (F _w) (F _p)	Meter-Prover Press. (P _{st}) (P _m)	Press. Extension $\sqrt{h_w \cdot P_m}$	Gravity Factor (F _g)	Flowing Temp. Factor (F _t)	Deviation Factor (F _{pr})	Sqr. Rt. Chart Factor (F _d)

NO GAS SALES

Gas Prod. MCFD Flow Rate (R): Oil Prod. Bbls./Day: Gas/Oil Ratio (GOR) = Cubic Feet per Bbl.

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this 9th day of July 2003

For Offset Operator: *Stephen J. Gier* For Commission: *D. J. Voss* For Company:

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR _____ LOCATION OF WELL _____

LEASE _____ OF SEC. _____ T _____ R _____

WELL NO. _____ COUNTY _____

FIELD _____ PRODUCING FORMATION _____

Date Taken _____ Date Effective _____

Well Depth _____ Top Prod. Form _____ Perfs _____

Casing: Size _____ Wt. _____ Depth _____ Acid _____

Tubing: Size _____ Depth of Perfs _____ Gravity _____

Pump: Type _____ Bore _____ Purchaser _____

Well Status _____

Pumping, flowing, etc.

TEST DATA

Permanent _____ Field _____ Special _____

Flowing _____ Swabbing _____ Pumping _____

STATUS BEFORE TEST:

PRODUCED _____ HOURS

SHUT IN _____ HOURS

DURATION OF TEST _____ HOURS _____ MINUTES _____ SECONDS

GAUGES: WATER _____ INCHES _____ PERCENTAGE

OIL _____ INCHES _____ PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) _____

WATER PRODUCTION RATE (BARRELS PER DAY) _____

OIL PRODUCTION RATE (BARRELS PER DAY) _____ PRODUCTIVITY

STROKES PER MINUTE _____

LENGTH OF STROKE _____ INCHES

REGULAR PRODUCING SCHEDULE _____ HOURS PER DAY.

COMMENTS _____

WITNESSES:

FOR STATE

FOR OPERATOR

FOR OFFSET