

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division  
 TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 1-9-91  
 Company Picknell Drilling Lease Scheufler Well No. D #1  
 County Ford Location 5/2 NESW Section 29 Township 29S Range 22W Acres  
 Field WC Reservoir Morrow Pipeline Connection Koch  
 Completion Date 1-1-91 Type Completion (Describe) Single Plug Back T.D. Packer Set At  
 Production Method: Pumping Type Fluid Production API Gravity of Liquid/Oil 36° @ 55°  
 Flowing Pumping Gas Lift  
 Casing Size 4 1/2" Weight I.D. Set At Perforations To  
4 1/2" 5420 5276 to 5288  
 Tubing Size 2 3/8" Weight I.D. Set At Perforations To  
2 3/8" 5300

Pretest: Starting Date Time Ending Date Time Duration Hrs.  
 Starting Date 1-8-91 Time 10:00 Ending Date 1-9-91 Time 10:00 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure				Choke Size			
Casing: <u>150</u>		Tubing:							
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	<u>250</u>	<u>South</u>	<u>7</u>	<u>3</u>	<u>145.29</u>	<u>11</u>	<u>3</u>	<u>225.45</u>	<u>80 bbl</u>
Test:								<u>JAN 14 1991</u>	

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range				
Pipe Taps:	Flange Taps:	Differential:	Static Pressure:				
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover	Tester Pressure	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In. Water	In. Merc. Psig or (Pd)			
Orifice Meter							
Critical Flow Prover	<u>Venting</u>	<u>15 to 20 Mcf</u>	<u>until company can hook</u>				
Orifice Well Tester	<u>up to gas line</u>						

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD Flow Rate (R): Oil Prod. Bbls./Day: 80 Gas/Oil Ratio (GOR) = Cubic Ft. 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 the 9th day of January 1991  
 For Offset Operator Richard W. Lacy For State E. Mendenhall 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 \_\_\_\_\_