

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & COR REPORT

15-095-21355.00-00  
 Form C-5 Revised

Conservation Division

TYPE TEST: Initial (Annual) Workover Reclassification TEST DATE: 8-7-97

Company Lease Well No. UMC Petro. HUFFORD 4

County Location Section Township Range Acres KM 14 30 7

Field Reservoir Pipeline Connection S.G. BASIL MISS. TRUCK

Completion Date Type Completion (Describe) Plug Back T.D. Packer Set At SINGLE

Production Method: Type Fluid Production API Gravity of Liquid/OIL Pumping GAS-OIL-WATER

Flowing Casing Size Weight I.D. Set At Perforations To

Tubing Size Weight I.D. Set At Perforations To 2 7/8

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 8-7-97 Time Ending Date 8-8-97 Time Duration Hrs. 24 HRS

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing:	Tubing:								
Bbls./In.	Tank	Starting Gauge		Ending Gauge		Net Prod. Bbls.			
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	200 25015	2	5 1/4	48.84	2	8 3/4	54.68	60	5.84
Test:									

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 In. Water	Pressure In. Merc.	Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	3"	.750			70	.10	.760	60
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (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)
2.740		2.65	1.147			

Gas Prod. MCFD Flow Rate (R): 8.33 Oil Prod. Bbls./Day: 5.84 Gas/Oil Ratio (GOR) = 1.43 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 24 day of Nov 1997

For Offset Operator For State For Company