

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company McCoy Petroleum Corp. Lease Gates "C" Well No. 1

County Harper Location C NW-SE Section 2 Township 34S Range 8W Acres

Field Wharton East Extension Reservoir Ft. Scott, Miss Pipeline Connection Koch - Northern Peoples

Completion Date 3-26-82 Type Completion(Describes) Perforations Plug Back T.D. 4760 Packer Set At

Production Method: Flowing Pumping Gas Lift X Type Fluid Production Oil-Gas-SW API Gravity of Liquid/Oil

Casing Size 4 1/2" Weight 10.5# I.D. 4487-92 Set At 4485 Perforations To

Tubing Size 2-3/8" Weight 4.7# I.D. 4485 Set At 4485 Perforations To

Pretest: Starting Date 11-15-90 Time 8:00 Ending Date 11-16-90 Time 8:00 Duration Hrs. 24

Test: Starting Date 11-15-90 Time 8:00 Ending Date 11-16-90 Time 8:00 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	<u>115</u>	Tubing:	<u>115</u>		<u>115</u>	<u>Open</u>				
Bbls./In.	Tank		Starting Gauge		Ending Gauge			Net Prod. Bbls.		
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	<u>200</u>		<u>3</u>	<u>2</u>	<u>63.46</u>	<u>3</u>	<u>6</u>	<u>70.14</u>		<u>6.68</u>
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. Paig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	<u>3</u>	<u>1/2</u>		<u>90</u>	<u>9</u>	<u>.650</u>	<u>60</u>
Critical Flow Prover							
Orifice Well Tester						<u>1.000</u>	<u>01-30-91</u>

GAS FLOW RATE CALCULATIONS (R)

Coef. (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)
<u>1.214</u>		<u>28.46</u>	<u>1.240</u>	<u>1.000</u>	<u>1.000</u>	<u>1.000</u>

Gas Prod. MCFD 42,842 Oil Prod. Bbls./Day 6.68 Gas/Oil Ratio (GOR) = 6413 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 16 day of November 1990

For Offset Operator _____ For State _____ For Company Jeffrey O. Dyle