

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: McCoy Petroleum Corporation Lease: Ritter "A" Well No. 1

County: Harper Location: W/2 SW SE Section: 2 Township: 34S Range: 8W Acres:

Field: Wharton Pool Reservoir: Mississippian Pipeline Connection: Koch - Peoples

Completion Date: 1-10-85 Type Completion (Describe): Perforations Plug Back T.D. Packer Set At

Production Method: Flowing Pumping X Gas Lift Type Fluid Production: Oil-Gas-SW API Gravity of Liquid/Oil: 32

Casing Size: 5-1/2" Weight: 14# I.D. Set At: 5350' Perforations: 4646-4654' To: 4664-4668' 4672-4678'

Tubing Size: 2-1/16" Weight: 3.25# I.D. Set At: 5260' Model D Perforations: To

Pretest: Starting Date: 9-24-91 Time: 8:00 Ending Date: 9-25-91 Time: 8:00 Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size						
Casing: 120	Tubing: 120	100		Open						
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	200		2	7	51.77	2	9	55.11		3.34
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range				Static Pressure:		Flowing Temp. (t)		
Pipe Taps:	Flange Taps:	Differential:	Meter-Tester Pressure		Diff. Press.	Gravity					
Measuring Device	Run-Prover-Tester Size	Orifice Size	In. Water	In. Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)				
Orifice Meter	3	1/2			90	1	.650			60	
Critical Flow Prover											
Orifice Well Tester											

GAS FLOW RATE CALCULATIONS (R)

Coef. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Pa)	Extension / hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
1.214		9.48	1.240	1.000	1.000	1.000

Gas Prod. MCFD: 14.270 Oil Prod. Bbls./Day: 3.34 Gas/Oil Ratio (GOR) = 4.272 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 25 day of September 19 91

For Offset Operator

For State

STATE CORPORATION COMMISSION

RECEIVED *James O. Dye* For Company

OCT 24 1991

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Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date Time Ending Date Time Duration 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:										
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 In. Water	Tester Pressure In. Merc.	Paig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter								
Critical Flow Prover			Set CIBP @ 5050' for Mississippian Disposal					10/20/92
Orifice Well Tester								

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: Gas/Oil Ratio (GOR) = Cubic Ft. per Bbl.

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For Offset Operator

For State

[Signature]
Company