

Conservation Division

PRODUCTION TEST & GOR REPORT

15-077-20851-0000 Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

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

County Harper Location C NE-SW Section 2 Township 34S Range 8W Acres

Field Wharton Pool Reservoir Mississippian Pipeline Connection Koch - Peoples

Completion Date 12-6-82 Type Completion(Describe) Miss - Ft. Scott Plug Back T.D. Float @ 4733' Packer Set At

Production Method: Flowing Pumping X Gas Lift Type Fluid Production Oil-Gas-SW API Gravity of Liquid/Oil 33

Casing Size 4 1/2" Weight 10.5# I.D. Set At 4758 Perforations 4478-86 To 4658-72

Tubing Size 2-3/8" Weight 4.7# I.D. Set At Perforations 4644-46 To 4676-80

Pretest: 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:	105	Tubing:	105	90				Open	
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water Oil
Pretest:									
Test:	200		3	9	75.15	3	10	76.82	1.67
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	3	1/2		105	1	.650	60
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension √hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
1.214		10.25	1.240	1.000	1.000	1.000

Gas Prod. MCFD Flow Rate (R): 15,429 Oil Prod. Bbls./Day: 1.67 Gas/Oil Ratio (GOR) = 9238 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 19 90

For Offset Operator \_\_\_\_\_ For State \_\_\_\_\_ For Company \_\_\_\_\_

FEB 27 1991  
02-27-91  
CONSERVATION DIVISION  
Wichita, Kansas

**PRODUCTION TEST & GOR REPORT**

Form C-5 Revised

Conservation Division

TYPE TEST: Initial    Annual    Workover    Reclassification    TEST DATE: \_\_\_\_\_

Company \_\_\_\_\_ Lease \_\_\_\_\_ Well No. 1

McCoy Petroleum Corporation    Gates "D"

County Harper    Location C-NE-SW    Section 2    Township 34S    Range 8W    Acres \_\_\_\_\_

Field Wharton Pool    Reservoir Mississippian    Pipeline Connection Koch - Peoples

Completion Date 1-10-83    Type Completion (Describe) Perforations    Plug Back T.D. 4728'    Packer Set At \_\_\_\_\_

Production Method: Type Fluid Production    API Gravity of Liquid/Oil \_\_\_\_\_

Flowing     Pumping     Gas Lift     Oil-Gas-SW     33

Casing Size 4-1/2"    Weight 10.5#    I.D. \_\_\_\_\_    Set At 4758'    Perforations 4644-4646'    To 4658-4664'

Tubing Size 2-3/8"    Weight 4.7#    I.D. \_\_\_\_\_    Set At 4722'    Perforations 4667-4672'    To 4700-4706'

Pretest: \_\_\_\_\_    Duration Hrs. \_\_\_\_\_

Starting Date \_\_\_\_\_ Time \_\_\_\_\_    Ending Date \_\_\_\_\_ Time \_\_\_\_\_

Test: \_\_\_\_\_    Duration Hrs. \_\_\_\_\_

Starting Date 8-19-92    Time 8:00    Ending Date 8-20-92    Time 8:00    Duration Hrs. 24

**OIL PRODUCTION OBSERVED DATA**

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing: 105	Tubing: 105	95			Open				
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	200	4	0	80.16	4	1	81.83		1.67
Test:									

**GAS PRODUCTION OBSERVED DATA**

Orifice Meter Connections			Orifice Meter Range						
Pipe Taps:	Flange Taps:	Orifice	Meter-Prover-Tester Pressure			Diff. Press.		Gravity	Flowing
Measuring Device	Run-Prover-Tester Size	Size	In. Water	In. Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)	
Orifice Meter	3	1/2			90	2.0	.650	60	
Critical Flow Prover									
Orifice Well Tester									

**GAS FLOW RATE CALCULATIONS (R)**

Coeff. MCFD (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psla)(Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
1.214		13.41	1.240	1.0	1.0	1.0

Gas Prod. MCFD 20.19    Oil Prod. Bbls./Day: 1.67    Gas/Oil Ratio (GOR) - 12.09    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 20 day of Aug. 19 92

For Offset Operator \_\_\_\_\_

For State \_\_\_\_\_

For Company \_\_\_\_\_

RECEIVED  
OIL & GAS COMMISSION

NOV 6 1992

WICHITA DIVISION  
Wichita, Kansas