

15-077-20529-0000

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: \_\_\_\_\_  
 Lease \_\_\_\_\_ Well No. \_\_\_\_\_  
 Company MCA Petroleum Corporation Location W. J. Moore Section 72 Township 30S Range 8W Acres \_\_\_\_\_  
 County Abbeot Reservoir Siz Sand Pipeline Connection Koch Bros Service  
 Field \_\_\_\_\_ Completion Date 7-25-87 Type Completion (Describe) Open Hole Plug Back T.D. 4390' Packer Set At \_\_\_\_\_  
 Production Method: \_\_\_\_\_ Type Fluid Production Oil-Gas-SD API Gravity of Liquid/Oil 35°  
 Flowing  Pumping  Gas Lift  Casing Size 5 1/2 Weight 155 I.D. \_\_\_\_\_ Set At 4382 Perforations \_\_\_\_\_ To \_\_\_\_\_  
 Tubing Size 2 3/8 Weight 47 I.D. \_\_\_\_\_ Set At 4385' Perforations \_\_\_\_\_ To \_\_\_\_\_

Pretest: \_\_\_\_\_ Duration Hrs. \_\_\_\_\_  
 Starting Date \_\_\_\_\_ Time \_\_\_\_\_ Ending Date \_\_\_\_\_ Time \_\_\_\_\_  
 Test: \_\_\_\_\_ Duration Hrs. \_\_\_\_\_  
 Starting Date 10-15-87 Time 8:00 Ending Date 10-16-87 Time 8:00 Duration Hrs. 74

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing: <u>60</u>		Tubing: <u>35</u>			<u>Open</u>				
Bbls./In.	Tank		Starting Gauge		Ending Gauge		Net Prod. Bbls.		
	Size	Number	Feet	Inches	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	<u>700</u>		<u>5</u>	<u>2</u>	<u>201.87</u>	<u>5</u>	<u>A</u>	<u>106.88</u>	<u>501</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 Pressure		Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)	
			In. Water	In. Merc.	Psig or (Pd)			
Orifice Meter	<u>3</u>	<u>5/8</u>			<u>75</u>	<u>2</u>	<u>650</u>	<u>80</u>
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)	Extension (Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
		$\sqrt{hw \times Pm}$				
<u>1.897</u>		<u>7.071</u>	<u>1.745</u>	<u>1.000</u>	<u>1.000</u>	
Gas Prod. MCFD	Oil Prod. Bbls./Day:	Gas/Oil Ratio (GOR) =	Cubic Ft. per Bbl.			
Flow Rate (R): <u>16.637</u>	<u>501</u>	<u>3319</u>				

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 27 day of October 1987

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

RECEIVED  
 STATE CORPORATION COMMISSION

OCT 26 1987  
 10-26-87  
 CONSERVATION DIVISION  
 Wichita, Kansas