

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-077-20783-0000 Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: MCA Petroleum Corp Lease: Local Well No. 1

County: Hopper Location: Missouri Section: 7 Township: 3AS Range: 8N Acres: 1

Field: Wharton East Extension Ft. Scott Miss Reservoir: Wharton Pipeline Connection: Hook Northern

Completion Date: 3-2-87 Type Completion (Describe): Refracture Plug Back T.D.: 4710 Packer Set At: 4710

Production Method: Pumping Type Fluid Production: Oil-Gas-Sol API Gravity of Liquid/Oil: 38

Flowing Pumping Gas Lift Casing Size: 4 1/2 Weight: 10.5 I.D.: 4.487-97 Set At: 4487-97 Perforations: 4485 To: 4485

Tubing Size: 7 3/8 Weight: 4.7 I.D.: 4.485 Set At: 4485 Perforations: 4485 To: 4485

Pretest: Starting Date: 7-8-87 Time: 8:00 Ending Date: 7-9-87 Time: 8:00 Duration Hrs.: 74

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	<u>130</u>		Tubing:	<u>130</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>700</u>		<u>6</u>	<u>7</u>	<u>17358</u>	<u>6</u>	<u>7</u>	<u>13193</u>		<u>835</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. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	<u>3</u>	<u>1/2</u>		<u>170</u>	<u>9</u>	<u>1.650</u>	<u>60</u>
Critical Flow Prover							
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)
<u>1.714</u>		<u>37.87</u>	<u>1.740</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>49 481</u>	<u>835</u>	<u>5975</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 9 day of July 1987

For Offset Operator: [Signature] For Company: [Signature]

RECEIVED
 STATE CORPORATION COMMISSION
 11-02-87
 NOV 2 1987
 CONSERVATION DIVISION