

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

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

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: MCA Petroleum Corporation Lease: Unit D Well No. 1

County: Wharton Pool Location: CNESE Section: 7 Township: 34S Range: 8W Acres: 1

Field: Hopper Reservoir: Mississippian Pipeline Connection: None

Completion Date: 12-1-87 Type Completion (Describe): MS F. Scott Plug Back T.D.: None 4133 (4630) Packer Set At: None

Production Method: Flowing Type Fluid Production: Oil Gas 90 API Gravity of Liquid/Oil: 33

Flowing Pumping Gas Lift

Casing Size: 4 1/2 Weight: 10.5 I.D.: Set At Perforations: 4478-26 4144-26 4158-72 To: 4676-80

Tubing Size: 7 3/8 Weight: 47 I.D.: Set At Perforations: None To: 4676-80

Pretest: Starting Date 10-1-87 Time 8:00 Ending Date 10-7-87 Time 8:00 Duration Hrs. 168

Test: Starting Date 10-1-87 Time 8:00 Ending Date 10-7-87 Time 8:00 Duration Hrs. 168

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	<u>1 1/2</u>		Tubing:	<u>1 1/2</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>ZDD</u>		<u>4</u>	<u>7</u>	<u>83.50</u>	<u>4</u>	<u>4</u>	<u>86.84</u>		<u>334</u>
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:	Flange Taps:		Differential:			Static Pressure:		
Measuring Device	Run-Prover-Tester	Orifice Size	Meter-Prover	Tester Pressure	Diff. Press.	Gravity Gas	Flowing Temp.	
			In. Water	In. Merc.	Psig or (Pd)	(hw) or (hd)	(Gg)	(t)
Orifice Meter	<u>3</u>	<u>1/2</u>			<u>140</u>	<u>3</u>	<u>62.0</u>	<u>60</u>
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (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>70.49</u>	<u>1.740</u>	<u>1.000</u>	<u>1.000</u>	

Gas Prod. MCFD: 30.8AA Oil Prod. Bbls./Day: 334 Gas/Oil Ratio (GOR) = 9.734 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 2 day of October 1987.

For Offset Operator

RECEIVED
 STATE CORPORATION COMMISSION

For State

For Company

11-02-87
 NOV 2 1987