

15-077-2108-0000

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: MCA Petroleum Corporation Lease: Patton E Well No. 1

County: Hopper Location: NE 1/4 Sec 24 Township: 34 Range: 8N Acres: 80

Field: Wharton Pool Extension Reservoir: Mississippi Pipelining Connection: Rock Toples

Completion Date: 10-28-84 Type Completion (Describe): 4690-98 4674-86 Reductions 4725 Plug Back T.D.: 4690-98 Packer Set At: 4674-86

Production Method: Gas Lift Type Fluid Production: Oil Gas SW API Gravity of Liquid/Oil: 32

Flowing Casing Size: 4 1/2 Weight: 10.5 I.D.: 4.748 Set At: 4690-98 Perforations: 4674-86 To: 4674-86

Tubing Size: 2 3/4 Weight: 4.7 I.D.: 4.748 Set At: 4690-98 Perforations: 4674-86 To: 4674-86

Pretest: Starting Date 10-2-86 Time 8:00 Ending Date 10-3-86 Time 8:00 Duration Hrs. 24

Test: Starting Date 10-2-86 Time 8:00 Ending Date 10-3-86 Time 8:00 Duration Hrs. 24

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:	<u>700</u>	<u>3</u>	<u>1</u>	<u>61.79</u>	<u>3</u>	<u>5</u>	<u>68.47</u>		<u>6.68</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>115</u>	<u>3 1/2</u>	<u>150</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 (Pd)
<u>1.214</u>		<u>20.06</u>	<u>1.740</u>	<u>1.000</u>	<u>1.000</u>	

Gas Prod. MCFD: 30.197 Oil Prod. Bbls./Day: 6.68 Gas/Oil Ratio (GOR) = 4521 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 3 day of October 1986

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

NOV 14 1986
 11-14-86