

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-095-01795-0001

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual  Workover Reclassification TEST DATE: July 7-86

Company: Mack Energy Co. Lease: Garrison Well No. 1

County: Kingman Location: NW-SW-NW Section: 30 Township: 29S Range: 7W Acres: 1

Field: Reservoir: Pipeline Connection:

Completion Date: 6-14-1964 Type Completion: Single Plug Back T.D. Packer Set At

Production Method: Type Fluid Production: Water API Gravity of Liquid/Oil

Flowing Pumping Gas Lift Casing Size: 4 3/8 Weight: 9.5 I.D.: 4.199 Set At Perforations: 4/22 To: 4/26

Tubing Size: 2 3/8 Weight: 4.7 I.D.: Set At Perforations: To

Pretest: Starting Date: July 7-86 Time: 9:00 Ending Date: July 8-86 Time: 9:00 Duration Hrs.: 24

Test: Starting Date: Time: Ending Date: Time: Duration Hrs.:

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size						
Casing: 400	Tubing: 140									
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	Metered								60	-
Test:										
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 In. Water	Tester In. Merc.	Pressure Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	2	1/2			25	10		
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)
1.219		19.7				

Gas Prod. MCFD: 24 29 Oil Prod. Bbls./Day: Gas/Oil Ratio (GOR) = 24 29 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 7th day of July 1986

For Offset Operator: For State: For Company:

07-08-86