

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division
 TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 9-27-90
 Company: Maak Energy Co Lease: Missouri Well No.: #1
 County: Kingman Co Location: NW SE SE Section: 19 Township: 29 S Range: 7W Acres: 160
 Field: Savary Gash Reservoir: Mls Pipeline Connection: Kansas Gas Supply
 Completion Date: 6-3-60 Type Completion (Describe): Single (Oil) Plug Back T.D.: 4220 Packer Set At: None
 Production Method: Pumping Type Fluid Production: Saltwater API Gravity of Liquid/Oil: N/A
 Casing Size: 4" Weight: I.D.: Set At: 4219' Perforations: 4137' To: 4145'
 Tubing Size: 2 3/8" Weight: I.D.: Set At: Perforations: To:

Pretest: Starting Date Time Ending Date Time Duration Hrs.
 Test: Starting Date 9-27-90 Time Ending Date 9-28-90 Time Duration Hrs.

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:								94	0
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections		Orifice Meter Range				Static Pressure:	
Pipe Taps:	Flange Taps:	Differential:					
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover In. Water	Tester Pressure In. Merc.	Diff. Press. (hg) or (Pd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	<u>2</u>	<u>5/8</u>	<u>25</u>	<u>24</u>	<u>82,000</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)

Gas Prod. MCFD: 82 Oil Prod. Bbls./Day: 0 Gas/Oil Ratio (GOR) = 82 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 28 day of 9 19 90

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