

**STATE OF KANSAS - CORPORATION COMMISSION
PRODUCTION TEST & GOR REPORT**

Conservation Division Form C-5 Rev.

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company **ROBERTS RESOURCES, INC.** Lease **McKINLEY** Well No. **1**

County **KIOWA** Location **N1/2 SENE** Section **9** Township **29 S** Range (E/W) **18 W** Acres **320**

API Well Number **15-097-21472** Reservoir(s) **MARMATON** Gas Pipeline Connection **ONEOK**

Completion Date **8/31/01** Type of Completion (Describe) **Perforations 4852-58 ; 4807-12** Plug Back T.D. **4906** Packer Set At **4750**

Lifting Method: None Pumping Gas Lift ESP Type Liquid **OIL** API Gravity of Liquid/Oil **40**

Casing Size **5 1/2"** Weight **14 #** LD. Set At **6055** Perforations **4807** To **4858 OA**

Tubing Size **2 3/8"** Weight **4.7 #** LD. Set At **4750** Perforations To

Pretest: Starting Date **12-17-01** Time **1:00** AM/PM **AM/PM** Ending Date **12-18-01** Time **1:00** AM/PM **AM/PM**

Test: Starting Date **12-17-01** Time **1:00** AM/PM **AM/PM** Ending Date **12-18-01** Time **1:00** AM/PM **AM/PM**

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure Casing: **0** Psig Tubing: **250** Psig Separator Pressure **125** Psig Choke Size **17/64"**

Bbls./In.	Stock Tank		Starting Gauge			Ending Gauge			Net API Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:										
Test:	200	7748	7	1	141.95	8	3	165.33	0	23.38

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections (Yes/No) **Yes** Orifice Meter Range **0-100** Differential: **0-100** Static Pressure: **0-250**

Type Measuring Device	Entry Size	Orifice Size	Meter-Prover-Tester Pressure					Diff. Press. (h _w) or (h _d)	Gas Gravity (G _g)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (P _d)	%CO ₂	H ₂ Sppm			
Orifice Meter	2.067	1"	12.5		97 Pa	0.048	0	12.5 hw	0.6879	60
Critical Flow Prover										
MERLA Well Tester										

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (F ₁) (F ₂)	Meter-Prover Press. (P _{1a}) (P _{1b})	Press. Extension $\sqrt{h_w \cdot P_m}$	Gravity Factor (F _g)	Flowing Temp. Factor (F _t)	Deviation Factor (F _d)	KCC WSP Chart Factor (F _c)
5.073	97	34.8	1.206	1.00	1.00	—
		$\sqrt{12.5 \times 97}$				

Gas Prod. MCFD **256** Oil Prod. Bbls./Day **23.38** Gas/Oil Ratio $\frac{256 \times 5.073}{23.38} = 10,949$ Cubic Feet 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 19th day of December 2001

Richard W. Lacy
Kent Roberts

For Offset Operator For Commission For Company

