

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Conservation Division Form C-5 Rev.

TYPE TEST:  Initial  Annual  Workover  Reclassification TEST DATE:

Company **HELLAR DRILLING COMPANY, INC.** Lease **SELTMAN (Wildcat)** Well No. **1**

County **PAWNEE** Location **E/2-NE/4-NE/4** Section **2** Township **20S** Range (E/W) **20W** Acres **160**

API Well Number **15-145-21,437-0000** Reservoir(s) **Cherokee** Gas Pipeline Connection **none**

Completion Date **9-10-96** Type of Completion (Describe) **Rotary Single Oil** Plug Back T.D. **--** Packer Set At **--**

Lifting Method: **Pumping** Gas Lift **None** ESP **None** Type Liquid **Oil** API Gravity of Liquid/Oil **38.2°**

Casing Size **5 1/2"** Weight **15.5#** I.D. **4328'** Set At **4216** Perforations **4220** To **4220**

Tubing Size **2 3/8"** Weight **4.6#** I.D. **1.9996** Set At **4246'** Perforations **--** To **--**

Pretest: Starting Date **12-16-96** Time **1:00** AM/PM **AM** Ending Date **12-17-96** Time **1:00p** AM/PM **AM**

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure **Psig** Tubing: **Psig** Separator Pressure **Psig** Choke Size

Bbls./In.	Stock Tank		Starting Gauge			Ending Gauge			Net API Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
<b>1.67</b>									<b>9</b>	
Pretest:										
Test:	<b>200</b>	<b>2356</b>	<b>5</b>	<b>1</b>	<b>101.87</b>	<b>7</b>	<b>10</b>	<b>156.98</b>		<b>55.11</b>
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections (Yes/No) **Yes** Orifice Meter Range **Differential** Static Pressure:

Type Measuring Device	Entry Size	Orifice Size	Meter-Prover-Tester Pressure					Diff. Press. (h <sub>w</sub> ) or (h <sub>d</sub> )	Gas Gravity (G <sub>p</sub> )	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (P <sub>d</sub> )	%CO <sub>2</sub>	H <sub>2</sub> Sppm			
Orifice Meter	<b>No</b>	<b>69.5</b>							<b>12-23-94</b>	
Critical Flow Prover										
MERLA Well Tester										

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (F <sub>b</sub> ) (F <sub>p</sub> )	Meter-Prover Press. (Psia)(P <sub>m</sub> )	Press. Extension $\sqrt{h_w * P_m}$	Gravity Factor (F <sub>g</sub> )	Flowing Temp. Factor (F <sub>t</sub> )	Deviation Factor (F <sub>p</sub> )	Sqr. Rt. Chart Factor (F <sub>d</sub> )

Gas Prod. MCFD **55** Oil Prod. Bbls./Day: **55** Gas/Oil Ratio (GOR) = **55** 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 **17** day of **December** 19**96**.

*Richard W. Lacey* For Commission *Dick Winter* For Company

For Offset Operator