

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-025-20816-0000 Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 7-18-84

Company Rene Drilling Co. Lease Barbey Harper Well No. 7-22A

County Clark Location NE NESE 330' FEL 22 Section 22 Township 34 Range 21 Acres

Field Snake Creek Reservoir Marmaton Pipeline Connection Inland

Completion Date 8-30-81 Type Completion (Describe) Perforated Plug Back T.D. 5448' Packer Set At None

Production Method: Flowing Pumping Gas Lift Type Fluid Production Oil API Gravity of Liquid/Oil 39.0

Casing Size 5 1/2" Weight 15 1/2 I.D. 4.974 Set At 5388' Perforations 5065' to 5093'

Tubing Size 2 3/8" Weight 4.70 I.D. 1.995 Set At 5118' Perforations none

Pretest: Starting Date 9-18-84 Time 8:45 AM Ending Date 9-19-84 Time 8:45 AM Duration Hrs. 24

Test: Starting Date 9-18-84 Time 8:45 AM Ending Date 9-19-84 Time 8:45 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size					
Casing:	<u>100#</u>	Tubing:	<u>100#</u>		<u>Open</u>				
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:					4	1 1/2	82.66		
Test:	<u>250</u>	<u>2811</u>	<u>3</u>	<u>0</u>	<u>60.12</u>	<u>2</u>	<u>6 1/4</u>	<u>90.00</u>	<u>22.54</u>
Test:	<u>210</u>	<u>Friday Release water tank</u>	<u>2</u>	<u>3 3/4</u>	<u>83.0</u>			<u>70.70</u>	

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range			
Pipe Taps:	Flange Taps:	<input checked="" type="checkbox"/>	Differential:	Static Pressure:			
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)	
Orifice Meter	<u>2"</u>	<u>3/4"</u>	<u>44</u>	<u>5</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)
<u>3.6</u>	<u>44</u>	<u>14.832</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>

Gas Prod. MCFD 5.3 Oil Prod. Bbls./Day: 22.54 Gas/Oil Ratio (GOR) = 2.751 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 19 day of September 1984

For Offset Operator Paul A. Luttig For State Joel Roberson For Company