

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

CO 1285X
 15-081-20334-0000

Conservation Division Form C-5 Revised

TEST: Initial Annual Workover Reclassification TEST DATE:

Company: CITIES SERVICE OIL AND GAS Lease: HCCMLEY Well No.: B-1

County: HASKELL Location: 660' FSL AND 710' FEL Section: 3 Township: 19 Range: 34 Acres: 40

Field: SOUTH EMBANK Reservoir: LANSING D Pipeline Connection: PERMIAN

Completion Date: 2-15-86 Type Completion (Describe): SINGLES Plug Back T.D.: 4600 Packer Set At: 4600

Production Method: Pumping Type Fluid Production: OIL API Gravity of Liquid/Oil: _____

Casing Size	Weight	I.D.	Set At	Perforations	To
<u>5/2</u>	<u>14 lb</u>	<u>5"</u>	<u>5649</u>	<u>4483</u>	<u>4494</u>
Tubing Size	Weight	I.D.	Set At	Perforations	To
<u>2 3/8</u>	<u>47 lb</u>	<u>2"</u>	<u>4548</u>		

Retest: Starting Date 2-19-86 Time 9:30 AM Ending Date 2-20-86 Time 5:30 AM Duration Hrs. 24

Test: Starting Date 2-20-86 Time 9:45 AM Ending Date 2-21-86 Time 9:45 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size						
Casing:	Tubing:									
<u>18</u>	<u>18</u>									
Wells./In.	Tank	Starting Gauge		Ending Gauge		Net Prod. Bbls.				
Size	Number	Feet	Inches	Feet	Inches	Water	Oil			
Retest:	<u>300</u>	<u>6233</u>	<u>12</u>	<u>3</u>	<u>245.49</u>	<u>14</u>	<u>1</u>	<u>282.23</u>	<u>6</u>	<u>36.74</u>
Test:	<u>300</u>	<u>6234</u>	<u>11</u>	<u>3</u>	<u>225.45</u>	<u>14</u>	<u>5 1/2</u>	<u>289.75</u>	<u>10</u>	<u>64.30</u>
Test:	<u>300</u>	<u>6233</u>	<u>4</u>	<u>9</u>	<u>45.19</u>	<u>11</u>	<u>7</u>	<u>232.13</u>	<u>10.02</u>	<u>136.94</u>

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Line Taps:	Flange Taps:	Differential:	Static Pressure:					
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure In. Water	In. Merc.	Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter								
Critical Flow Prover								
Orifice Well Tester	<u>2"</u>	<u>1/8"</u>	<u>TSTN</u>					

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (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	Oil Prod. Bbls./Day:	Gas/Oil Ratio (GOR) =	Cubic Ft. per Bbl.			
Flow Rate (R):						

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 21 day of FEBRUARY 1986

For Offset Operator: _____ For State: _____ For Company: _____

MAR 4 1986