

15-097-20953-00-00

STATE OF KANSAS - CORPORATION COMMISSION
PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 3-13-84
Company GREY & GREY OIL & GAS Lease GREY & GREY Well No. 2
County KIOWA Location 330FWL-330FSL Section 18 Township 29s Range 18W Acres 160.0
Field L-KC Reservoir L-KC Pipeline Connection CLEAR CREEK / KS. GAS & SUPPLY

Completion Date 11-18-83 Type Completion (Describe) 0- Plug Back T.D. 0- Packer Set At 4650

Production Method: Pumping Type Fluid Production GIL WATER API Gravity of Liquid/Oil 44.8

Flowing Casing Size 4 1/2 Weight 10 1/2 # I.D. 5060 Set At 4659 Perforations 4663 To 4663

Tubing Size 2 3/8 Weight 4.7 I.D. 4390 Set At 4390 Perforations To

Pretest: Starting Date 3-13-84 Time 10:30 AM Ending Date 3-13-84 Time 10:30 AM Duration Hrs. 24

Test: Starting Date 3-13-84 Time 10:30 AM Ending Date 3-13-84 Time 10:30 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size					
Casing:	Tubing:	Water 34%							
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
<u>1.67</u>	<u>WATER TANK</u>	<u>4</u>	<u>10</u>	<u>86.86</u>	<u>8</u>	<u>7</u>	<u>172.01</u>	<u>75.15</u>	
<u>1.67</u>	<u>200 5121</u>	<u>0</u>	<u>10</u>	<u>16.70</u>	<u>1</u>	<u>42</u>	<u>20.88</u>		<u>4.18</u>
<u>1.67</u>	<u>200 5122</u>	<u>0</u>	<u>9</u>	<u>15.03</u>	<u>1</u>	<u>2</u>	<u>143.62</u>		<u>128.59</u>
<u>1.67</u>	<u>200 5134</u>	<u>8</u>	<u>10 1/2</u>	<u>177.86</u>	<u>9</u>	<u>7</u>	<u>192.05</u>		<u>14.19</u>
									TOTAL <u>146.96</u>

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:	Flange Taps:	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)	
			In. Water	In. Merc.	Psig or (Pd)			
<u>Orifice Meter</u>	<u>5.068</u>	<u>1.25</u>			<u>1000</u>	<u>50</u>	<u>710</u>	<u>1</u>
<u>Critical Flow Prover</u>								
<u>Orifice Well Tester</u>								

GAS FLOW RATE CALCULATIONS (R)

Eff. 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)
<u>7.771</u>	<u>2,236</u>		<u>1.195</u>			<u>12.25</u>

Gas Prod. MCFD 254 Oil Prod. Bbls./Day: 147 Gas/Oil Ratio (GOR) = 1.728 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 14 day of March, 1984

For Offset Operator Barlutton For State Grey For Company Grey

RECEIVED
MAR 21 1984
3-21-84
CONSERVATION DIVISION
Wichita, Kansas