

15-189-21400-00-00

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division
 TYPE TEST: Initial Annual Workover Reclassification TEST DATE:
 Company McCoy Petroleum Lease LAHEY A. Well No. 2-24
 County Stevens Location 17S NE 4C SW NW Section 24 Township 31 Range 35 Acres
 Field Lahey Reservoir Chester Pipeline Connection Jayhawk - Koch oil
 Completion Date _____ Type Completion (Describe) _____ Plug Back T.D. 5754 Packer Set At _____

Production Method: _____ Type Fluid Production Oil & Water API Gravity of Liquid/Oil 35
 Flowing (Pumping) Gas Lift _____
 Casing Size 5 1/2 Weight 15.5# I.D. _____ Set At 5805.5 Perforations 5464- To 5498
 Tubing Size 2 3/8 Weight _____ I.D. _____ Set At 5445 Perforations _____ To _____

Retest: _____ Duration Hrs. _____
 Starting Date 03-20-90 Time 1100 AM Ending Date 03-21-90 Time 1100 PM Duration Hrs. 24
 Retest: _____ Duration Hrs. _____
 Starting Date 03-21-90 Time 1100 AM Ending Date 03-22-90 Time 1100 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	<u>107</u>	Tubing:	<u>107</u>		<u>18</u>					
Bls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Retest:	<u>200</u>	<u>20023</u>	<u>4</u>	<u>4</u>	<u>86.84</u>	<u>8</u>	<u>6.5</u>	<u>171.17</u>	<u>2.5</u>	<u>84.33</u>
Retest:	<u>200</u>	<u>20021</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Retest:	<u>200</u>	<u>20012</u>	<u>3</u>	<u>11</u>	<u>78.49</u>	<u>4</u>	<u>0</u>	<u>3016</u>	<u>2.5 bbl</u>	<u>81.83</u>
Retest:	<u>200</u>	<u>20020</u>	<u>1</u>	<u>5</u>	<u>28.39</u>	<u>5</u>	<u>5</u>	<u>108.55</u>	<u>2.5 bbl</u>	<u>81.83</u>

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Line Taps:	<u>Flange Taps</u>		Differential:			Static Pressure:		
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-In. Water	Tester Pressure In. Merc.	Pressure (Psig or (Pd))	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	<u>3</u>	<u>.750</u>			<u>46.0</u>	<u>15</u>	<u>1.000</u>	<u>60</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>2.740</u>	<u>60.4</u>	<u>30.0998</u>		<u>1.000</u>		

Gas Prod. MCFD _____ Oil Prod. Bbls./Day: 81.83 Gas/Oil Ratio (GOR) = 1001- 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 22 day of MARCH 19 90

For Offset Operator _____ For State _____ For Company FRANK HEARD