

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-129-20758-0000 Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company Santa Fe Energy Lease Santa Fe Well No. 2-14-

County Morton Location 1st Section 33 Township 43 Range 43 Acres

Field Morrow Reservoir Morrow Pipeline Connection

Completion Date 7-7-85 Type Completion (Describe) Single completion Plug Back T.D. 4875 Packer Set At 4522

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

Casing Size	Weight	I.D.	Set At	Perforations	To
<u>5/2</u>	<u>15.5#</u>		<u>5050</u>	<u>4582</u>	<u>4584</u>
Tubing Size	Weight	I.D.	Set At	Perforations	To
<u>2 3/8 EUE</u>	<u>55</u>		<u>4593</u>		

Pretest: Starting Date 7-7-85 Time 5:00 AM Ending Date 7-8-85 Time 10:00 Duration Hrs. 17

Test: Starting Date 7-7-85 Time 10:00 AM Ending Date 7-8-85 Time 10:00 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure	Separator Pressure			Choke Size						
	Casing:	Tubing:								
Bbls./In.	Tank	Starting Gauge		Ending Gauge		Net Prod. Bbls.				
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	<u>frac tank</u>	<u>1</u>	<u>2'</u>	<u>49.9</u>	<u>1'</u>	<u>9"</u>	<u>75.5</u>	<u>0</u>	<u>25.6</u>	
Test:										

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 In. Water	Tester Pressure In. Merc. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter							
Critical Flow Prover	<u>2"</u>	<u>1 1/4"</u>		<u>60</u>			<u>108°</u>
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)	MCFD (Fp)	Meter-Prover Press. (Pm)	Extension (Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
<u>28.34</u>	<u>74.4</u>		<u>1.000</u>	<u>9568</u>	<u>1000</u>		

Gas Prod. MCFD 2017 Oil Prod. Bbls./Day: 25.6 Gas/Oil Ratio (GOR) = 78789 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 8 day of July 1985

Oliver Wiley For State
Sam Lewis For Company

RECEIVED Company
 STATE CORPORATION COMMISSION