

15-175-20634-00-00 EPD 1-1-86 C

STATE OF KANSAS - CORPORATION COMMISSION
PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 1/29/86

Company: FLYNN ENERGY CORP. Lease: Hampton #17-1 Well No.: 17-1

County: Seward Location: C-NE-NW Section: 17 Township: 34S Range: 34W Acres: 40

Field: South Archer Reservoir: Chester Sand Pipeline Connection: Permian Corp.

Completion Date: 8-9-82 Type Completion(Describe): Acidize & Frac Plug Back T.D.: 6,500' Packer Set At: None

Production Method: Pumping Type Fluid Production: Oil API Gravity of Liquid/Oil: None

Flowing Casing Size: 4 1/2" Weight: 10.5# I.D.: 3.927" Set At: 6,606' Perforations: 6,358' To: 6,372'

Tubing Size: 2-3/8" Weight: 4.7# I.D.: 1.901" Set At: 6,336' Perforations: --- To: ---

Pretest: Starting Date 1/27/86 Time 11:10AM Ending Date 1/28/86 Time 11:10AM Duration Hrs. 24

Test: Starting Date 1/28/86 Time 11:10AM Ending Date 1/29/86 Time 11:10AM 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:	210BBL	5798	1	6-3/4	21.93	1	6-3/4	21.93	T	
		5799	7	8	107.64	8	6	119.34		11.60
Test:		5798	1	6-3/4	21.93	1	6-3/4	21.93	T	
		5799	8	6	119.34	9	3	129.87		10.44
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range				
Pipe Taps: <u>(Flange Taps) Flange</u>			Differential: <u>7.50</u> Static Pressure: <u>250</u>				
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure In. Water	Pressure In. Merc. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	<u>3"</u>	<u>1.250</u>		<u>75</u>	<u>.250</u>	<u>0.693</u>	<u>42°</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>7.771</u>	<u>89.4</u>	<u>4.7275</u>	<u>1.201</u>	<u>1.018</u>	<u>1.000</u>	
Gas Prod. MCFD	Oil Prod. Bbls./Day:	Gas/Oil Ratio (GOR) =	Cubic Ft. per Bbl.			
Flow Rate (R): <u>45</u>	<u>10.44</u>	<u>4310</u>				

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 29th day of January 1986.

For Offset Operator

For State

STATE CORPORATION COMMISSION For Company

MAR 11 1986

CONSERVATION DIVISION
Wichita, Kansas