

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: Clark #8-3    Well No.: 8-3

County: Seward    Location: C-SE-NW    Section: 8    Township: 34S    Range: 34W    Acres: 40

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

Completion Date: 5-3-84    Type Completion(Describe): Acidize & Frac.    Plug Back T.D.: 6,400'    Packer Set At: None

Production Method: Pumping    Type Fluid Production: Oil    API Gravity of Liquid/Oil: 6,330'

Flowing Casing Size: 4 1/2"    Weight: 10.5#    I.D.: 3.927"    Set At: 6,450'    Perforations: 6,330'    To: 6,340'

Tubing Size: 2-3/8"    Weight: 4.7#    I.D.: 1.901"    Set At: 6,320'    Perforations: ---    To: ---

Pretest: Starting Date 1/27/86 Time 1:00PM Ending Date 1/28/86 Time 1:00PM Duration Hrs. 24

Test: Starting Date 1/28/86 Time 1:00PM Ending Date 1/29/86 Time 1:00PM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Casing:	Tubing:	Producing Wellhead Pressure			Separator Pressure			Choke Size			
		Bbls./In.	Tank	Starting Gauge	Ending Gauge	Net Prod.	Water	Oil			
		Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels		
Pretest:		210BBL	6044	7	2	100.62	7	10	109.98	0	9.28
			6045	1	3	17.55	1	3	17.55	0	0
Test:			6044	7	10	109.98	8	5	118.17	0	8.12
			6045	1	3	17.55	1	3	17.55	0	0
Test:											

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections    Orifice Meter Range

Pipe Taps: Flange Taps    Flange    Differential: 0-50    Static Pressure: 0-250

Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure	Diff. Press.	Gravity	Flowing		
			In. Water	In. Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter	<u>3"</u>	<u>1.00</u>			<u>75</u>	<u>.125</u>	<u>0.730</u>	<u>35°</u>
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Press. (Psia)(Pm)	Extension	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
		$\sqrt{hw \times Pm}$				
<u>4.912</u>	<u>89.4</u>	<u>3.3429</u>	<u>1.170</u>	<u>1.025</u>	<u>1.000</u>	

Gas Prod. MCFD: 20    Oil Prod. Bbls./Day: 8.12    Gas/Oil Ratio (GOR) = 2463    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 29th day of January, 19 86.

For Offset Operator: [Signature]    For Company: Richard R. Dale

STATE CORPORATION COMMISSION

MAR 11 1986