

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

E. 100 1-86

Conservation Division

15-189-20778-0500 Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: Cities Service Oil & Gas Corp Lease: GRANT B Well No.: 1

County: Stevens Location: 2310 ENL 2310 FWL Section: 25 Township: 34S Range: 35W Acres: 40

Field: Kinnou Reservoir: Chastain Pipeline Connection: Santa Fe Minerals

Completion Date: 12-4-84 Type Completion (Describe): Single Reef Plug Back T.D.: 6590 Packer Set At:

Production Method: Pumping Type Fluid Production: Oil & Water API Gravity of Liquid/Oil: 40.8

Flowing Casing Size: 5 1/2 Weight: 14.0 I.D.: 6.630 Set At: 6512 Perforations: 6512 To: 6569

Tubing Size: 2 3/8 Weight: 6.521 I.D.: 6.521 Set At: Perforations: To:

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date Time Ending Date Time Duration Hrs.

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:								10 5
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-Tester Pressure		Diff. Press.	Gravity	Flowing	
			In. Water	In. Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter								
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)

Gas Prod. MCFD: 25 Oil Prod. Bbls./Day: 5 Gas/Oil Ratio (GOR) = 5 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 25 day of Sept 1986

For Offset Operator: James R. Wynn For State: James R. Wynn For Company: James R. Wynn

OCT 1 1986  
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