

STATE OF KANSAS - CORPORATION COMMISSION

PRODUCTION TEST & GOR REPORT

15-189-20517-9000

Form C-5 Revised

Conservation Division

TYPE TEST: Initial  Annual  Workover  Reclassification  TEST DATE:

Company Cities Service Lease Rennick Well No. A-2

County Stevens Location 1320 E 4 Section 1320 S L Township 35 Range 34 S Acres 35 W

Field Chesta Reservoir Chesta Pipeline Connection Koeb

Completion Date \_\_\_\_\_ Type Completion (Describe) Single Plug Back T.D. 6773 Packer Set At none

Production Method: \_\_\_\_\_ Type Fluid Production Oil API Gravity of Liquid/Oil 38.8 50°

Flowing  Pumping  Gas Lift  Casing Size 5 1/2 Weight 15.5 I.D. \_\_\_\_\_ Set At 6773 Perforations 6556 To 6563

Tubing Size 2 7/8 Weight \_\_\_\_\_ I.D. \_\_\_\_\_ Set At 6556 Perforations \_\_\_\_\_ To open

Pretest: Starting Date 12-9-80 Time 1 AM Ending Date 12-10-80 Time 1 AM Duration Hrs. 24

Test: Starting Date 12-10-80 Time 1 AM Ending Date 12-11-80 Time 1 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:	300	N	8	10		10	10	40	6	40
Test:	300	N	10	10		12	10	40	6	40
Test:					used 1.67 per in					

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range			Static Pressure:		
Pipe Taps:	Flange Taps:		Differential:					
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure			Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (Pd)			
Orifice Meter								
Critical Flow Prover								
Orifice Well Tester	2"	3/8		5.0	= 23.3			

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 Flow Rate (R): 23.3 Oil Prod. Bbls./Day: 40 Gas/Oil Ratio (GOR) = 0.575 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 \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_

K B Sealey  
For Offset Operator

Steven M. Porter  
For Company

Pump 2 x 1 1/2 x 16 105 PM 86"