

STATE OF KANSAS - CORPORATION COMMISSION 15171-20527-0000
 PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company A.L. Abercrombie Lease Schowalter Well No. 1-12

County Scott Location SW-NE Section 12 Township 18 Range 32 Acres

Field Cherokee Reservoir Koch Pipeline Connection

Completion Date Type Completion(Describe) Single Plug Back T.D. 4640' Packer Set At

Production Method: Type Fluid Production API Gravity of Liquid/Oil 29.9

Flowing Pumping Gas Lift Casing Size 4 1/2 Weight 10.5 I.D. 4677' Set At 4548' Perforations 4552' To

Tubing Size 2 3/8 Weight 4632 I.D. 4632 Set At Perforations To

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 3-2-98 Time 10:00 am Ending Date 3-3-98 Time 10:00 Duration Hrs. 24 hrs.

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure Separator Pressure Choke Size

| Casing: | Tubing: | | Starting Gauge | | | Ending Gauge | | | Net Prod. Bbls. | |
|----------|------------|-----------------|----------------|--------------|-----------|--------------|-----------|------------|-----------------|-----------|
| | Size | Number | Feet | Inches | Barrels | Feet | Inches | Barrels | Water | Oil |
| Pretest: | | | | | | | | | | |
| Test: | <u>250</u> | <u>2 1/2 35</u> | <u>3</u> | <u>5 1/2</u> | <u>69</u> | <u>7</u> | <u>11</u> | <u>159</u> | <u>Trace</u> | <u>90</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-Tester Pressure In.Water In.Merc. Psig or (Pd) | Diff. Press. (hw) or (hd) | Gravity Gas (Gg) | Flowing 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 Flow Rate (R): Oil Prod. Bbls./Day: 90 Gas/Oil Ratio (GOR) = 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 3rd day of March 19 98

For Offset Operator Louis J. Smith For State Mike R. [Signature] For Company [Signature]

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