

STATE OF KANSAS - CORPORATION COMMISSION FEB 1 1990
 PRODUCTION TEST & GOR REPORT

15-065-22516-00-00 N

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company Ritchie Exploration Inc. Lease Buss Well No. 1

County Graham Location N/2 NW NW Section 35 Township 8 Range 22 W Acres

Field K.C. Reservoir Koch Pipeline Connection

Completion Date Jan. 1989 Type Completion (Describe) 3780-3828 Plug Back T.D. Packer Set At

Production Method: 8x44 Type Fluid Production oil API Gravity of Liquid/Oil 39 @ 60

Flowing Pumping Gas Lift

Casing Size 4 1/2 Weight I.D. Set At Perforations To 3827 3570-3608 3 sets

Tubing Size 2 3/8 Weight I.D. Set At Perforations To 3668

Pretest: Starting Date 2-8-90 Time 10:30 A Ending Date 2-9-90 Time 10:30 A 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	Feet	Inches	Water	Oil
1.67							
Pretest:							
Test:	200 13798	7	4	7	11	0	12
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	Tester Pressure 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. MCFD (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: 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 _____ day of _____ 19____

FEB 13 1990

For Offset Operator _____ For State Wale F. Balthazor For Company Tom Port

CONSERVATION DIVISION
 Wichita, Kansas
 Feb 13, 1990