

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-109-20383-0001 R

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual (Workover) Reclassification TEST DATE: 2-11-92

Company Ritchie Exploration Inc Lease Delzeit Well No. 1

County Logan Location SW-NE-SE Section 13 Township 18 Range 32W Acres

Field Logan Reservoir _____ Pipeline Connection _____

Completion Date 11-15-91 Type Completion (Describe) Toronto-LKC-Maxamator Myrick Station Plug Back T.D. 4602 Packer Set At _____

Production Method: SPM 12 LS 54 Type Fluid Production Oil API Gravity of Liquid/Oil 38

Flowing (Pumping) Gas Lift _____

Casing Size 4 1/2 Weight _____ I.D. _____ Set At 4651 Perforations 4007-10, 4095-98, 4166-71, 4206-10 To _____

Tubing Size 2 3/8 Weight _____ I.D. _____ Set At 4566 Perforations 4329-32, 4342-47, 4476-79, 4520-73 To _____

Pretest: _____ Duration Hrs. _____

Starting Date _____ Time _____ Ending Date _____ Time _____ Duration Hrs. _____

Test: _____ Duration Hrs. _____

Starting Date 2-10-92 Time 10:10 AM Ending Date 2-11-92 Time 10:10 AM 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:										
1.67/in										
Test:	250	137692	2	7		3	3			13
Test:									133	

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range			
Pipe Taps:		Flange Taps:		Differential:		FER Static Pressure:	
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure	Diff. Press (in) or (hd)	Gravity	Flowing Temp. (t)	
			In. Water In. Merc. Psig or (Pd)				
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 _____ 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 11 day of February 1992

For Offset Operator _____ For State Maurice Miller For Company Doug Brummer
John E. ...