

Conservation Division
 TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 4-23-93
 Company Lease Well No.
 A L ABERCROMBIE Inc. MICHAELIS 1
 County Location Section Township Range Acres
 LOGAN na nw sw 15 12 33 w
 Field Reservoir Pipeline Connection
 LKC KOCH
 Completion Date Type Completion(Describe) Plug Back T.D. Packer Set At
 1-15-93 TD-4770 PBD 4718
 Production Method: Ls 44 SPM 8 Type Fluid Production API Gravity of Liquid/Oil
 Flowing (pumping) Gas Lift 014 39
 Casing Size Weight I.D. Set At Perforations To
 4 1/2 4768 4272-75
 Tubing Size Weight I.D. Set At Perforations To
 2 3/8 4486

Pretest: Duration Hrs.
 Starting Date Time Ending Date Time
 Test: Duration Hrs.
 Starting Date 4-22-93 Time 12:30 Pm Ending Date 4-23-93 Time 12:30 Pm 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing:		Tubing:							
Bbls./In.	Tank Size	Starting Gauge Feet	Inches	Barrels	Ending Gauge Feet	Inches	Barrels	Net Prod. Bbls. Water	Oil
Pretest:									
1.67/in									
Test:	200	46456	1	4	4	9 1/2		0	69
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 In. Water	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. (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 23rd day of April 1993

For Offset Operator *Mawin L. Miller* For State *Walter* For Company *RECEIVED STATE CORPORATION COMMISSION*

APR 28 1993