

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division
 TYPE TEST: (Initial) Annual **Workover** Reclassification TEST DATE: FEB 9 1996
 Lease Well No. 1
 Company P.L. Abernethy Inc. Location THORN
 County LOGAN Reservoir NE SE SE Section 16 Township 12 Range 33 Acres
 Field OWEN Pipeline Connection Koch
 Completion Date 1-20-96 Type Completion (Describe) LKC Johnson Plug Back T.D. 4680 Packer Set At
 Production Method: SPM 39 LS 54 Type Fluid Production oil API Gravity of Liquid/Oil 36
 Flowing Pumping Gas Lift
 Casing Size 4 1/2 Weight I.D. Set At Perforations To 4725 4105-06 4182-84 4594-97
 Tubing Size 2 3/8 Weight I.D. Set At Perforations To 4676 4196-4200 4250-55

Pretest: Duration Hrs.
 Starting Date Time Ending Date Time
 Test: Duration Hrs.
 Starting Date 2-8-96 Time 11:45 AM Ending Date 2-9-96 Time 11:45 AM Duration 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:	<u>200</u>	<u>H2O</u>	<u>4</u>	<u>8</u>		<u>7</u>	<u>8</u>		
Test:	<u>200</u>	<u>234391</u>	<u>7</u>	<u>3 3/4</u>		<u>9</u>	<u>9 1/4</u>		<u>49</u>
Test:	<u>200</u>	<u>234390</u>	<u>1</u>	<u>3 1/4</u>		<u>2</u>	<u>10 1/2</u>		<u>32</u>

GAS PRODUCTION OBSERVED DATA

TOTAL 60 81

Orifice Meter Connections Orifice Meter Range 02-15-96

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: 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 9th day of FEBRUARY 19 96

For Offset Operator Martin Miller For State Walter Smith For Company