

STATE OF KANSAS - CORPORATION COMMISSION

PRODUCTION TEST & GOR REPORT 15-109-20641-00-00 Form C-5 Revised

Conservation Division

TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 7-16-97

Company inocoy Petroleum Lease Bernard Well No. A1-11

County Logan Location E2 SW NW Section 11 Township 11 Range 34 Acres W

Field Monument NW Prospect Reservoir LKC Pipeline Connection Koch

Completion Date 3-26-97 Type Completion (Describe) 4740 Plug Back T.D. Packer Set At

Production Method: 5pm 9 1/2 L5 64 Type Fluid Production oil API Gravity of Liquid/Oil 338

Flowing (Pumping) Gas Lift oil Casing Size 4 1/2 Weight 4786 I.D. 4335-40 Set At Perforations To

Tubing Size 2 3/8 Weight 4386 I.D. 4386 Set At Perforations To

Pretest: Starting Date 7-15-97 Time 11:35 AM Ending Date 7-16-97 Time 11:35 PM 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	Barrels	Feet	Inches	Barrels	Water	Oil	
1.67/in											
Pretest:	200	H20	7	9		8	2 1/2		9		
Test:	"	245387	8	7		9	6 1/2			19 1/2	
Test:	"	245386	1	3 1/2		2	3			19	
GAS PRODUCTION OBSERVED DATA									TOTAL	9	38 1/2

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	Pressure In. Merc.	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 16 day of July 1997

For Offset Operator Marvin Miller For State                      For Company