

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division X Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: SEPT-7-97

Company AVADARKO PETRO. CORP. Lease RAY Well No. C-3

County HASKELL KS Location 1980' ENL + 510' FEL Section 21 Township 29S Range 34W Acres

Field EUBANK Reservoir BASAL CHESTER Pipeline Connection P.E.P.L.

Completion Date 3/96 Type Completion (Describe) SINGLE OIL Plug Back T.D. 5525' Packer Set At

Production Method: Pumping Type Fluid Production OIL + WATER API Gravity of Liquid/Oil 39.6 @ 60°

Flowing Casing Size 5.5" Weight 15.5# I.D. 4.950" Set At 5581' Perforations 5377' To 5455'

Tubing Size 2.375 Weight 4.7# I.D. 1.995" Set At 5297" Perforations To

Pretest: Starting Date SEPT-5-97 Time 9:00AM Ending Date SEPT-6-97 Time 9:00AM Duration Hrs. 24

Test: Starting Date SEPT-6-97 Time 9:00AM Ending Date SEPT-7-97 Time 9:00AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure 120 Separator Pressure 80 Choke Size WIDE-OPEN

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	300	28601	9	0.25	181.2	10	2.50	204.57	80	23.37
Test:	300	28602	1	4.25	27.14	2	6.50	50.93	81	23.79
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections Flange Taps X Orifice Meter Range 0-100 Static Pressure: 67.500

Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure		Diff. Press. (hw or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In. Water	In. Merc. Psig or (Pd)			
Orifice Meter	4	1.5			40	.50	60
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psla)(Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
11.12	54.4	5.215	1.240	1.0	1.0	—

Gas Prod. MCFD 72 Oil Prod. Bbls./Day: 24 Gas/Oil Ratio (GOR) - 3000 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 7 day of SEPT 19 97

For Offset Operator Gary Winter For State Eyene L. Lauer For Company