

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-175-21199-0000 Form C-5 Revised

Conservation Division  
 TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 11-21-91  
 Company ANADARKO PETRO. CORP. Lease MEHL Well No. A-2  
 County SEWARD Location 1980 FNL 660EWL Section 2426 Township 34s Range 34w Acres  
 Field ADAMSON Reservoir ST. LOUIS Pipeline Connection CENTANA ENERGY  
 Completion Date 10-6-91 Type Completion(Describe) SINGLE OIL Plug Back T.D. 6710 Packer Set At  
 Production Method: Flowing Type Fluid Production OIL & WATER API Gravity of Liquid/Oil 42.2 @ 60°  
 Casing Size 5.500 Weight 15.5 I.D. 4.950 Set At 6725 Perforations To  
 Tubing Size 2.375 Weight 4.70 I.D. 1.995 Set At 6580 Perforations To  
 Pretest: Starting Date 11-20-91 Time 8:15 AM Ending Date 11-21-91 Time 8:15 AM Duration Hrs. 24  
 Test: Starting Date 11-21-91 Time 8:15 AM Ending Date 11-22-91 Time 8:15 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing: <u>53</u>	Tubing: <u>53</u>					<u>S.L - 100"</u>	<u>S.P.M. = 8.0</u>			
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	<u>300</u>	<u>14090-1</u>	<u>9'</u>	<u>7"</u>	<u>192</u>	<u>11'</u>	<u>7"</u>	<u>232</u>	<u>8.7</u>	<u>40.0</u>
Test:	<u>300</u>	<u>14090-2</u>	<u>2'</u>	<u>8"</u>	<u>53</u>	<u>4'</u>	<u>9"</u>	<u>95</u>	<u>2.9</u>	<u>42.0</u>
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range			
Pipe Taps: <u>(Flange)</u>	Taps: <u>FLANGE</u>	Differential: <u>0-100</u>	Static Pressure: <u>0-250</u>				
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester In. Water	Pressure In. Merc. (Psi) or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	<u>2"</u>	<u>.500</u>		<u>52.7</u>	<u>∅</u>		<u>58°</u>
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 TSTM Oil Prod. Bbls./Day: 42.0 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 22 day of November 1991

For Offset Operator Michael Pond For State Michael Pond STATE CORPORATION COMMISSION Company

Gas Sample taken 11-22-91  
 DEC 10 1991