

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial (Annual) Workover Reclassification TEST DATE: 2-7-96

Company Anadarko Petroleum Corporation Lease USA Well No. AD-1

County MORTON Location 1980 FSL + 660 FWL Section 11 Township 33 Range 40 Acres

Field Stirrup Reservoir Upper Morrow Pipeline Connection Anadarko Gathering Co.

Completion Date 6-2-92 Type Completion (Describe) Single Oil Plug Back T.D. 5489 Packer Set At

Production Method: Type Fluid Production Oil API Gravity of Liquid/Oil 40.5 @ 60°

Flowing Pumping Gas Lift Casing Size 5.50 Weight 15.50 I.D. 4.950 Set At 5489 Perforations 5392 To 5412

Tubing Size 2.375 Weight 4.70 I.D. 1.995 Set At 5364 Perforations To

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 2-6-96 Time 9:15 AM Ending Date 2-7-96 Time 9:15 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size						
Casing: 55	Tubing: 55	33#								
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	300		2	1"	40.84	3	3 1/2	64.86	29.7	24.02
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range				
Pipe Taps:	Flange Taps: ✓		Differential: 100		Static Pressure: 7000		
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	2	100		37.5	2.43	760	60°
Critical Flow Prover							
Orifice Well Tester					rec'd 375 ⁹⁶		

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension √hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
5.073	51.9	11.230	1.147	1.000	1.000	

Gas Prod. MCFD 65.3 Oil Prod. Bbls./Day: 24.02 Gas/Oil Ratio (GOR) = 2,720 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 Feb, 1996

For Offset Operator

For State

For Company
Andy L. Kashi