

1st prod 3-22-89

Pretest

15-129-20949-0000

STATE OF KANSAS - CORPORATION COMMISSION PRODUCTION TEST & GOR REPORT

APR 1 1989

Form C-5 Revised

Conservation Division

TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 04-11-89

Company: Anadarko Petroleum Corporation Lease: U.S.A. K #1 Well No.:

County: Morton Location: 1430 FWL 1650 FSL Section: 02 Township: 33 Range: 40 Acres:

Field: Stirrup Reservoir: Marrow C Pipeline Connection: P.E.P.L.

Completion Date: 03-10-89 Type Completion (Describe): Single Plug Back T.D.: 5194 Packer Set At: N/A

Production Method: Flowing Pumping Gas Lift Type Fluid Production: Oil API Gravity of Liquid/Oil: 41.5 @ 60°

Casing Size: 5.500 Weight: 15.50 I.D.: 4.950 Set At: 5356 Perforations: 5074 To: 5076

Tubing Size: 2.375 Weight: 4.70 I.D.: 1.995 Set At: 5054 Perforations: N/A To:

Pretest: Starting Date: 04-10-89 Time: 3:00 pm Ending Date: 04-11-89 Time: 2:30 pm Duration Hrs.: 23.50

Test: Starting Date: Ending Date: Duration Hrs.:

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing: 640	Tubing: 500	235			22/64				
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	300ft North	8	03	163.94	3	02	62.36	-0-	68.25
Pre. Test:	300ft South	3	06	69.02	3	06	69.02	-0-	-0-
Run Ticket #3301023	North	11	07	230.52	3	01	60.70	-0-	169.82

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:	Flange Taps		Differential: 100"		Static Pressure: 250"			
Measuring Device	Run- Error Tester Size	Orifice Size	Meter- Prover In. Water	Prover- Tester In. Merc.	Pressure Psig or (Pa)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	3	1.750	✓		90.2	27.5	72.2	
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (Fb) (Pa)	Meter- Prover Press. (Psia) (Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Conservation Division Chart Factor (Fd)
16.01	104.6	53.63	1.174	1.000	1.015	-

Gas Prod. MCFD: 966.3 Oil Prod. Bbls./Day: 69.70 Gas/Oil Ratio (GOR) = 13.864 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 _____ day of _____ 19

For Offset Operator For State For Company Form C-5 (5/88)

Total Flow Meter Reading: Ending 20495.2 Starting 19528.9 966.3 mcfD

Tr 382 Per 639