

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-129-21076-0000

Conservation Division

Form C-5 Revised

TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE:

Company: Anadarko Petroleum Corp. Lease: Morrison A Well No.: 1

County: Morton Location: 660 FSL & 1980 FEL Section: 33 Township: 22 S Range: 40 W Acres:

Field: STIRRUP Reservoir: upper Morrow Pipeline Connection:

Completion Date: 4-18-91 Type Completion (Describe): Single Oil Plug Back T.D.: 5387 Packer Set At: 5285

Production Method: Flowing Pumping Gas Lift Type Fluid Production: oil API Gravity of Liquid/Oil: 38.9 @ 60°

Casing Size	Weight	I.D.	Set At	Perforations	To
5.500	15.50	4.950	5428	5300	5304
Tubing Size	Weight	I.D.	Set At	Perforations	To
2.375	4.70	1.995	5285		

Pretest: Starting Date 5-8-91 Time 9:30 AM Ending Date 5-9-91 Time 9:30 AM Duration Hrs. 24

Test: Starting Date 5-9-91 Time 9:30 AM Ending Date 5-10-91 Time 9:30 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size					
Casing: -0-			Tubing: 905			150"			18/64		
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.		
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil	
Pretest:	300 FLM	South East	5	8	112.32	12	2.5	243.00	-0-	130.68	
Test:	300 Fht	South West	-0-	9	15.04	7	2	142.29	-0-	127.25	
Test:											

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range				
Pipe Taps:		Flange Taps: <input checked="" type="checkbox"/>		Differential: 500		Static Pressure: 50		
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure In. Water	In. Merc.	Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	3	2.00			85.7	29	.704	75
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (Fb)(Fp)(GATE)	Meter-Prover Press. (Psia) (Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
21.86	100.1	53.879	1.192	.9859	1.000	

Gas Prod. MCFD Flow Rate (R): 1384. Oil Prod. Bbls./Day: 127.25 Gas/Oil Ratio (GOR) = 10876 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 10 day of May 19 91

For Offset Operator: James R. Kay For State: RECEIVED For Company: Dawn L. Hense
 STATE CORPORATION COMMISSION

Form C-5 (5/88)

MAY 14 1991

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR _____ LOCATION OF WELL _____
 LEASE _____ OF SEC. _____ T _____ R _____
 WELL NO. _____ COUNTY _____
 FIELD _____ PRODUCING FORMATION _____
 Date Taken _____ Date Effective _____
 Well Depth _____ Top Prod. Form _____ Perfs _____
 Casing: Size _____ Wt. _____ Depth _____ Acid _____
 Tubing: Size _____ Depth of Perfs _____ Gravity _____
 Pump: Type _____ Bore _____ Purchaser _____
 Well Status _____
 Pumping, flowing, etc.

TEST DATA

Permanent _____ Field _____ Special _____
 Flowing _____ Swabbing _____ Pumping _____

STATUS BEFORE TEST:

PRODUCED _____ HOURS

SHUT IN _____ HOURS

DURATION OF TEST _____ HOURS _____ MINUTES _____ SECONDS

GAUGES: WATER _____ INCHES _____ PERCENTAGE

OIL _____ INCHES _____ PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) _____

WATER PRODUCTION RATE (BARRELS PER DAY) _____

OIL PRODUCTION RATE (BARRELS PER DAY) _____ PRODUCTIVITY

STROKES PER MINUTE _____

LENGTH OF STROKE _____ INCHES

REGULAR PRODUCING SCHEDULE _____ HOURS PER DAY.

COMMENTS _____

WITNESSES:

FOR STATE

FOR OPERATOR

FOR OFFSET