

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

FEB 1 1990

Conservation Division Form C-5 Revised

TYPE TEST: Initial (Annual) Workover Reclassification TEST DATE: 02-06-90

Company: Anadarko Petroleum Corp. Lease: U.S.A. Well No.: R-1

County: Morton Location: 1390 FSL-1250 FWL Section: 35 Township: 32S Range: 40W Acres: [blank]

Field: Stirrup Reservoir: Upper Morrow D Pipeline Connection: J.M. Petroleum

Completion Date: 10-18-89 Type Completion (Describe): Single-Oil Plug Back T.D.: 5394 Packer Set At: None

Production Method: Pumping Type Fluid Production: Oil & Water API Gravity of Liquid/Oil: 41.5

Flowing Casing Size	Weight	I.D.	Set At	Perforations	To
4.50	11.6	4.00	5394	5254	5266
Flowing Tubing Size	Weight	I.D.	Set At	Perforations	To
2.375	4.70	1.995	5230		

Pretest: Starting Date 02-04-90 Time 11:30am Ending Date 02-05-90 Time 11:30am Duration Hrs. 24

Test: Starting Date 02-05-90 Time 11:30am Ending Date 02-06-90 Time 11:30am Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure	Separator Pressure	Choke Size
Casing: 36 Tubing: 38	26"	

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	300	West	8	10	171.99	10	01	202.07	6.00	30.08
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range				
Pipe Taps:	Flange Taps:	Differential:	Static Pressure:					
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester In. Water	Pressure In. Merc.	Pressure Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter								
Critical Flow Prover								
Orifice Well Tester	2"	1/4	2-13		25		Assumed .700	60°

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (P1/P2) (OWTC)	Meter-Prover Press. (Pm)	Extension V/hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
54.7	1325		.9258	1.0	1.0	1.0

Gas Prod. MCFD: 50.64 Oil Prod. Bbls./Day: 30.08 Gas/Oil Ratio (GOR) = 1684 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 6th day of February 1990

For Offset Operator: James R. Rapp For State: [Signature] For Company: [Signature]

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