

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-12921230-00-00

8

Conservation Division

Form C-5 Revised

TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 11-18-93

Company: Anadarko Petroleum Corporation Lease: U.S.A. Well No.: AD-2

County: Morton Location: 660 FSL & 660 FWL Section: 1 Township: 33 Range: 40 Acres: [blank]

Field: Stirrup Reservoir: U. Morrow D Pipeline Connection: Centana Energy

Completion Date: 10-26-93 Type Completion (Describe): Single Oil Plug Back T.D.: 5781 Packer Set At: [blank]

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

Flowing Casing Size	Weight	I.D.	Set At	Perforations	To
5.500	15.5	4.950	5832	5468	5490
Tubing Size	Weight	I.D.	Set At	Perforations	To
2.375	4.70	1.995	5499	-	-

Pretest: Starting Date 11-16-93 Time 9:30am Ending Date 11-17-93 Time 9:30am Duration Hrs. 24

Test: Starting Date 11-17-93 Time 9:30am Ending Date 11-18-93 Time 9:30am Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure	Separator Pressure	Choke Size
Casing: 80# Tubing: 80#	76#	-

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	300Ft	00309	10	2 3/4	203.48	11	4	225.53	45.39	22.05
Test:	300Ft	00310	1	6	29.79	2	7	50.68	24.82	20.89
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range			
Pipe Taps:	Flange Taps:	Differential:	Static Pressure:				
	✓	100	100				

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	1.000			-0-	-0-	74.0 RECEIVED
Critical Flow Prover							NOV 23 1993
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (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			1.147		1.000	

Gas Prod. MCFD: [blank] Oil Prod. Bbls./Day: 20.89 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 18th day of November 1993

For Offset Operator: [Signature] For State: [Signature] For Company: [Signature]

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