

Conservation Division

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: 6260 FSL & 660 EWL Section: 11 Township: 33 Range: 40 Acres: [blank]

Field: Stirrup Reservoir: U. Morrow 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: Flowing Pumping Gas Lift Type Fluid Production: Oil & Water API Gravity of Liquid/Oil: 40.5 @ 60°

Casing Size: 5.500 Weight: 15.5 I.D.: 4.950 Set At: 5832 Perforations: 5468 To: 5490

Tubing Size: 2.375 Weight: 4.70 I.D.: 1.995 Set At: 5499 Perforations: - To: -

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: [blank] Separator Pressure: [blank] Choke Size: [blank]
 Casing: 80# Tubing: 80# [blank]

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

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections: [blank] Orifice Meter Range: [blank]
 Side Taps: [blank] Flange Taps: Differential: 100 Static Pressure: 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-	57.150	RECEIVED
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension $\sqrt{hw \times Pm}$	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. [blank]

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 _____

ANADARKO PETROLEUM CORPORATION

PHONE 316-624-6253 • 2330 NORTH KANSAS AVE. • P.O. BOX 351 • LIBERAL, KANSAS 67905-0351



December 1, 1993

Kansas Corporation Commission
Conservation Division
200 Colorado Derby Building
Wichita, Kansas 67202-1286

Re: Form C-5, Initial Productivity Test
USA "AD" No. 2
660' FSL & 660' FWL
Section 11-33S-40W
Morton County, Kansas

Dear Sirs:

Enclosed is Form C-5, Initial Productivity Test for the referenced well as required by Corporation Commission rules.

If you should have any questions, please contact the Anadarko office at the above letterhead address.

Very truly yours,

A handwritten signature in cursive script that reads "Mark Rinehart".

Mark Rinehart
Staff Production Engineer
BJW/km

RECEIVED
STATE CORPORATION COMMISSION
DEC 02 1993
CONSERVATION DIVISION
Wichita, Kansas