

15-175-21570-0000

STATE OF KANSAS - CORPORATION COMMISSION  
PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover (Reclassification) TEST DATE: 1-16-97

Company APC Lease BLACKMER Well No. A-2

County Seward Location 660FNL & 1980FEL Section 31 Township 34 Range 32 Acres

Field Condit Reservoir Chester Pipeline Connection CRS

Completion Date 11-6-96 Type Completion(Describe) Plug Back T.D. 6397 Packer Set At NA

Production Method: Type Fluid Production Oil API Gravity of Liquid/OIL 35.8 @ 34°

Flowing Pumping Gas Lift Casing Size 5.500 Weight 17.7 I.D. 4.892 Set At 6470 Perforations 6334 To 6365

Tubing Size 2.375 Weight 4.7 I.D. 1.995 Set At 6302 Perforations To

Pretest: Starting Date 1-13-97 Time 9:15A Ending Date 1-14-97 Time 9:30A Duration Hrs. 24

Test: Starting Date 1-14-97 Time 9:15A Ending Date 1-15-97 Time 9:00A Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure Casing: 480 Tubing: 209 Separator Pressure Choke Size 64/64

| Bbls./In. | Tank |        | Starting Gauge |        |         | Ending Gauge |        |         | Net Prod. Bbls. |        |
|-----------|------|--------|----------------|--------|---------|--------------|--------|---------|-----------------|--------|
|           | Size | Number | Feet           | Inches | Barrels | Feet         | Inches | Barrels | Water           | Oil    |
| 1.67      | 300  | 2N     | 9              | 10     | 197.06  | 1            | 3 1/4  | 25.46   |                 |        |
| Pretest:  | 300  | 1S     | 1              | 4      | 26.72   | 8'           | 8"     | 173.68  | 10.0            | 146.96 |
| Test:     | 300  | 2N     | 8'             | 8"     | 173.68  | 10           | 0 1/2  | 201.24  | 17.0            | 130.69 |

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections Orifice Meter Range

Pipe Taps: Flange Taps: FLANGE Differential: 100" Static Pressure: 250#

| 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        | X 4"                   | 1.500        |                              |          | 150.016      | 6"                        | 0.663            | 47°               |
| Critical Flow Prover |                        |              |                              |          |              |                           |                  |                   |
| Orifice Well Tester  |                        |              |                              |          |              |                           |                  |                   |

GAS FLOW RATE CALCULATIONS (R)

| Coeff. (Fb)(Fp)(OWTC) | Meter-Prover Press.(Psia)(Pm) | Extension V/hw x Pm | Gravity Factor (Fg) | Flowing Temp. Factor (Ft) | Deviation Factor (Fpv) | Chart Factor (Fd) |
|-----------------------|-------------------------------|---------------------|---------------------|---------------------------|------------------------|-------------------|
| 11.12                 | 164.4A                        | 31.407              | 1.228               | 1.013                     | 1.012                  |                   |

Gas Prod. MCFD Flow Rate (R): 439.7 Oil Prod. Bbls./Day: 138.83 Gas/Oil Ratio (GOR) = 3169 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 16 day of JANUARY 19 97

For Offset Operator: Gary W. [Signature] For State  
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 \_\_\_\_\_

**ANADARKO PETROLEUM CORPORATION**

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January 28, 1997

Kansas Corporation Commission  
Conservation Division  
Finney State Office Building  
130 South Market, Rm 2078  
Wichita, Kansas 67202

Attn: Mr. Jim Hemmen

Re: Production Test & GOR Report (KCC Form C-5)

Blackmer A-2  
Sec. 31-34S-32W  
Seward County, KS

Dear Jim:

Enclosed is an initial productivity test (KCC Form C-5) for the referenced well. This well was originally completed as a gas well. The GOR for this well, as indicated by this test, has fallen below 5000 and the well should be reclassified as an oil well. Please file accordingly.

If you should have any questions, please contact John Allison at (316) 629-4336.

Very truly yours,

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

Mark Rinehart  
Gas Measurement Supervisor  
JMD/sh

Attachment

cc: Well File  
J. Allison

kccc-5.doc

RECEIVED  
KANSAS CORP COM  
1997 JAN 30 P 12:10