

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-175-21703-00-00

Form C-5 Revised

Conservation Division  
 TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 3-15-98  
 Company: ANADARKO Petro. Corp. Lease: BLACKMER Well No.: A-3  
 County: Seward Location: 1320FNL + 1980FWL Section: 31 Township: 34 Range: 32 Acres: RECEIVED  
 Field: Condit Reservoir: Chester A Pipeline Connection: HUG Mfg. GAS CORP COMM.  
 Completion Date: 2-8-98 Type Completion(Describe): SINGLE GAS Plug Back T.D.: 6362 Packer Set: NA  
 Production Method: Flowing Pumping Gas Lift Type Fluid Production: OIL API Gravity of Liquid/Oil: 43.3 @ 60°  
 Casing Size: 5.500 Weight: 15.5 I.D.: 4.95 Set At: 6510 Perforations: 6319 To: 6376  
 Tubing Size: 2.375 Weight: 4.7 I.D.: 1.995 Set At: 6310 Perforations: To:  
 Pretest: Starting Date: 3-13-98 Time: 11:30 Ending Date: 3-14-98 Time: Duration Hrs.: 24  
 Test: Starting Date: 3-14-98 Time: Ending Date: 3-15-98 Time: Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	520	Tubing:	140	NA			27/64			
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.		
1.67	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	300	3289	1	4"	26.79	14	1 1/2"	283.12	0	256.33
Test:	300	3290	1	6"	30.13	12'	11"	258.90	0	228.77
Test:	300								0	

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:	Flange Taps: <input checked="" type="checkbox"/>		Differential: 100" Static Pressure: 300#					
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure			Diff. Press.	Gravity	Flowing
			In. Water	In. Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter	4"	1"			120.0	7"	0.679	46°
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Gcoeff. MCFD (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)
4.874	134.4	30.672	1.214	1.014	1.015	
Gas Prod. MCFD Flow Rate (R):	186.79	Oil Prod. Bbls./Day:	242.55	Gas/Oil Ratio (GOR) =	770.11	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 15<sup>th</sup> day of March 1998

For Offset Operator

*[Signature]*  
 For State

*[Signature]*  
 For Company

Form C-5 (5/88)

Note: GAS SALES USING Compression

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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RECEIVED  
KANSAS CORP. COMM.  
1998 / 03 - 9 12:20



April 3, 1998

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

Attn: Jim Hemmen

Re: Blackmer A-3  
Sec. 31-34S-32W  
Seward County, Kansas

Dear Mr. Hemmen:

Enclosed please find the initial Production Test and GOR Report (KCC Form C-5) for the referenced well. Please file accordingly.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Shawn D. Young".

Shawn D. Young  
Division Production Engineer  
JTC/sjc

Enclosure

cc: Well File

gorint.doc