

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 12-14-95

Company Amoco Production Lease Brian Daniel Well No. 1-34

County Stanton Location ST. LOUIS Section 34 Township 29 Range 40 Acres

Field Wildcat Reservoir ST. LOUIS Pipeline Connection W.T.G.

Completion Date 9/21/95 Type Completion (Describe) Single Plug Back T.D. 5669 Packer Set At

Production Method: Flowing Pumping Gas Lift Type Fluid Production Oil API Gravity of Liquid/Oil 49.7

Casing Size 4.5 Weight 10.50 I.D. 4.052 Set At 5710 Perforations 5588 To 5594

Tubing Size 2.75 Weight 4.7 I.D. 1.995 Set At 5604 Perforations None To

Pretest: Starting Date 12-12-95 Time 10:20 Ending Date 12/13/95 Time 10:30 Duration Hrs. 24

Test: Starting Date 12-13-95 Time 10:30 Ending Date 12/14/95 Time 10:30 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size			
Casing:	Tubing:			<u>OPEN SWELL</u>			
Bbls./In.	Tank	Starting Gauge		Ending Gauge		Net Prod. Bbls.	
	Size Number	Feet	Inches	Feet	Inches	Water	Oil
1.668							
Pretest:	<u>15" 300</u>	<u>10'</u>	<u>0"</u>	<u>200</u>	<u>11' 1/2"</u>	<u>0</u>	<u>21.0</u>
Test:	<u>15" 300</u>	<u>11'</u>	<u>4 1/2"</u>	<u>221</u>	<u>12' 1"</u>	<u>0</u>	<u>21.0</u>
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 Pressure In. Water In. Merc. Paig or ()	Diff. Press. (hw) or ()	Gravity Gas (Gg)	Flowing Temp. (t)	
Orifice Meter	<u>3-068</u>	<u>1.75</u>	<u>7.5</u>	<u>65 psig</u>	<u>7.5</u>	<u>N/A</u>	<u>60°</u>
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. 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)
<u>16.01</u>	<u>79.4</u>	<u>24.4028</u>	<u>N/A</u>	<u>1.10</u>	<u>N/A</u>	<u>4-1996</u>

Gas Prod. MCFD 390.7 Oil Prod. Bbls./Day 21.0 Gas/Oil Ratio (GOR) 18.604 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 14 day of Dec 1995

For Offset Operator Gary Winters For State Tom McFadden For Company