

STATE OF KANSAS - CORPORATION COMMISSION

EFD 12-186

PRODUCTION TEST & GOR REPORT 15-119-20375-00-00

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 12-18-86

Company: Buttonwood Petroleum Inc. Lease: Burmeister Well No. #1

County: Meade Location: 495' FSL - 495' FEL Section: 17 Township: 33.5 Range: 30 W Acres:

Field: Brind N.E. Reservoir: Morrow Pipeline Connection: None Permian

Completion Date: 9-10-80 Type Completion(Describe): Single Plug Back T.D.: Packer Set At: None

Production Method: Type Fluid Production: oil/water API Gravity of Liquid/Oil:

Flowing Pumping X Gas Lift Casing Size: 4 1/2 Weight: 10.5 # I.D.: 4.052 Set At: 6.056 Perforations: 5678-5684 To:

Tubing Size: 2 3/8 Weight: 4.7 # I.D.: 1.995 Set At: 5.705 Perforations: To:

Pretest: Starting Date: 12/18/86 Time: 1:45 PM Ending Date: 12/18/86 Time: 1:45 PM Duration Hrs.: 24

Test: Starting Date: 12/18/86 Time: 1:45 PM Ending Date: 12/19/86 Time: 1:45 PM Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure: Casing: 18 Tubing: 15 Separator Pressure: 15 Choke Size: Pumping

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
1.67	300	West	6	3	125.25	6	4 1/2	127.76	-0-	2.51
	300	West	6	4 1/2	127.76	6	6	130.26	-0-	2.50

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 In. Water	Tester Pressure In. Merc.	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter							
Critical Flow Prover							
Orifice Well Tester	2"	1/4"	1.0			Assumed .700	60

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)	Extension (Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
6.23			0.9258	1.0		

Gas Prod. MCFD: 5.77 Oil Prod. Bbls./Day: 3. Gas/Oil Ratio (GOR) = 1923 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 19th day of Dec. 1986

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

STATE CORPORATION COMMISSION

DEC 30 1986 12-30-86 CONSERVATION DIVISION Wichita, Kansas