

15-119-20634-00-00

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 9/14/83

Company: Cities Serv. Oil & Gas Corp Lease: Meyers Well No.: E-7

County: Meade Location: 990' E. E. 1/4, 990' F. N. 1/4, 20 Township: 33 Range: 30 W Acres: 85

Field: BRUNO Reservoir: MURKIN-S-3-2-4-11 Pipeline Connection: ?

Completion Date: 9/7/83 Type Completion (Describe): Port Plug Back T.D.: 5300 Packer Set At: None

Production Method: Flowing Pumping Gas Lift Type Fluid Production: OIL & GAS API Gravity of Liquid/Oil: 28.1

Casing Size: 5 1/2 Weight: 115 I.D.: 5.318 Set At: 5300 Perforations: 5337 To: 5527

Tubing Size: 2 3/8 Weight: 5659 I.D.: 2.250 Set At: 5659 Perforations: To:

Pretest: Starting Date 9/14/83 Time 8:00 AM Ending Date 9/15/83 Time 9:00 AM Duration Hrs. 24

Test: Starting Date 9/14/83 Time 8:00 AM Ending Date 9/15/83 Time 9:00 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	Tubing:									
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.		
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	<u>200</u>	<u>TEST</u>	<u>4</u>	<u>4</u>	<u>198.2</u>	<u>4</u>	<u>8 1/2</u>	<u>221</u>	<u>Trace</u>	<u>22</u>
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range			
Pipe Taps:	Flange Taps:		Differential:		STATE Static Pressure:		
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							
Critical Flow Prover							
Orifice Well Tester	<u>2 1/2</u>	<u>1/2</u>			<u>200</u>		<u>720</u> <u>60°</u>

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>200</u>			<u>1.0179</u>	<u>0</u>	<u>0</u>	

Gas Prod. MCFD: 236 Oil Prod. Bbls./Day: 22 Gas/Oil Ratio (GOR) = 10.727 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 15th day of September 1983

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

STATE OF KANSAS
 SEP 19 1983
 CONSERVATION DIVISION
 Wichita, Kansas