

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-077-30158-0000

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 10/20/88

Company: Bison Energy Corporation Lease: Williams "A" Well No.: 1

County: Harper Location: C NW NW Section: 11 Township: 31-S Range: 8-W Acres: 40

Field: Spivey-Grabs Reservoir: Mississippi Pipeline Connection: Oxy

Completion Date: 1966 Type Completion(Describe): Frac Plug Back T.D. Packer Set At

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

Flowing Pumping XGas Lift Casing Size: 4 1/2" Weight: 9.5# I.D. Set At Perforations To

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

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date Time Ending Date Time Duration Hrs.

RECEIVED
 STATE CORPORATION COMMISSION
 NOV 14 1988

Producing Wellhead Pressure Separator Pressure Choke Size

Casing:	Starting Gauge			Ending Gauge			Net Prod. Bbls.			
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	200		4	1		4	3			2.32
Test:										

GAS PRODUCTION OBSERVED DATA

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.			
Orifice Meter		1.625			25	2	
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. (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)
1.914		7.071	1.195			

Gas Prod. MCFD Flow Rate (R): 16 Oil Prod. Bbls./Day: 2.32 Gas/Oil Ratio (GOR) = 6971 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 10th day of Nov. 1988

For Offset Operator For State For Company