

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-077-21179-0000

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual x Workover Reclassification TEST DATE:

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

County: Harper Location: E/2 NE NW Section: 11 Township: 31-S Range: 8-W Acres: 40

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

Completion Date: 9-88 Type Completion(Describe): Frac Plug Back T.D. Packer Set At

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

Flowing Pumping X Gas Lift Oil

Casing Size 5 1/2" Weight 14.5# I.D. Set At 4458' Perforations 4430'-4434' To

Tubing Size 2 7/8" Weight I.D. Set At 4250' Perforations To

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 7-10-90 Time 8:00 a.m. Ending Date 7-11-90 Time 8:00 a.m. 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:	200								5.8
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		Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In.Water	In.Merc.	Psig or (Pd)		
Orifice Meter		.625			8	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)
1.897		4	1.195			

Gas Prod. MCFD Flow Rate (R): 9 Oil Prod. Bbls./Day: 5.8 Gas/Oil Ratio (GOR) = 1813 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 16th day of July 1990

For Offset Operator: _____ For State: _____ For Company: C. J. Lett, III, President

JUL 24 1990