

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-077-2179-0000

Form C-5 Revised

Conservation Division

TYPE TEST: Initial		Annual	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: Flowing			Type Fluid Production: Oil		API Gravity of Liquid/Oil	
Casing Size: 5 1/2"	Pumping Weight: 14.5#	X Gas Lift: I.D.	Set At: 4458'	Perforations: 4430'-4434'	To	
Tubing Size: 2 7/8"	Weight	I.D.	Set At: 4250'	Perforations	To	

Pretest:				Duration Hrs.	
Starting Date	Time	Ending Date	Time		
Test:				Duration Hrs.	
Starting Date	Time	Ending Date	Time		
7-24-91	7:00 am	7-25-91	7:00 am	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		9	8		10	1			5.80
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:		Flange Taps:		Differential:		Static Pressure:		
Measuring Device	Run-Prover-Tester	Orifice Size	Meter-Prover-Tester Pressure			Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter		.500	In.Water	In.Merc.	Psig or (Pd)			
Critical Flow Prover						21	2.5	
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia) (Pm)	Extension / sqrt(hw x Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
1.214		7.245			1.195	

Gas Prod. MCFD: 10      Oil Prod. Bbls./Day: 5.80      Gas/Oil Ratio (GOR) = 1724      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 29th day of July 1991

For Offset Operator: \_\_\_\_\_      For State: \_\_\_\_\_      For Company: \_\_\_\_\_

C. J. Lett, III  
 President