

15-077-2179-0000

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual xx Workover Reclassification **TEST DATE:** 7-14-96

Company: Bison Production Company **Lease:** Yoder "A" **Well No.:** 1

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

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

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

Production Method: Flowing ~~Pumping xx~~ Gas Lift **Type Fluid Production:** **API Gravity of Liquid/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: **Duration Hrs.:**

Starting Date: **Time:** **Ending Date:** **Time:**

Test: **Duration Hrs.:**

Starting Date: 7-14-96 **Time:** 8:00 AM **Ending Date:** 7-15-96 **Time:** 8:00 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:	200	170269	1	9		1	11			2.32
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.	Gravity	Flowing	
			In. Water	In. Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter		.5			13	4		
Critical Flowprover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS

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)
1.214		7.21			1.19	
Gas Prod. MCFD Flow Rate (R): 10.4	Oil Prod. Bbls. /Day: 2.32			Gas/Oil Ratio (GOR) = 4482		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 12th day of August 19 96.

For Offset Operator

For State

For Company

AUG 16 1996
 8-16-96
 CONSERVATION DIVISION
 WASHINGTON, KS