

15-577-30150-0000

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual xx Workover Reclassification TEST DATE: 6-15-96

Company: Bison Production Company Lease: Williams "A" Well No.: 1

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

Field: Spivey-Grabs Reservoir: Mississippi Pipeline Connection:

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

Production Method: Flowing Pumping xx Gas Lift Type Fluid Production: Oil API Gravity of Liquid/Oil:

Casing Size: 4 1/2" Weight: 9.5 I.D.: Set At: 4504,4506-4415' Perforations: To:

Tubing Size: 2 3/8" Weight: I.D.: Set At: 4410' Perforations: To:

Pretest: Starting Date: Time: Ending Date: Time: Duration Hrs.:

Test: Starting Date: 6-15-96 Time: 8:00 AM Ending Date: 6-16-96 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	154978	3	4	3	6			3.34
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			11	5		
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		7.42			1.19	
Gas Prod. MCFD	Oil Prod. Bbls. /Day:			Gas/Oil Ratio (GOR) =		Cubic Ft. per Bbl.
Flow Rate (R): 10.7	3.34			3204		

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 1996.

For Offset Operator

For State

For Company

AUG 16 1996
 8-16-96
 STATE OF KANSAS
 CONSERVATION DIVISION
 OFFICE OF THE SUPERVISOR