

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15.145.00318.00.01

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover 108 STRIPPER / Reclassification / TEST DATE: 9-17-84

Company Hinkle Oil Co. Lease BENDER Well No. 1

County RAWNEE Location SWSWSW Section 35 Township 23 Range 18 Acres 160

Field Herman-Sponcer Pool Reservoir MISSISSIPPI Pipeline Connection NATURAL GAS PIPELINE UP AM.

Completion Date 9-14-81 Type Completion (Describe) PACKERLESS Plug Back T.D. 4545 Packer Set At

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

Flowing Pumping Gas Lift H2O

Casing Size 4 1/2" Weight I.D. Set At Perforations To

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

Pretest: Starting Date 9-14-84 Time 11:00 AM Ending Date 9-17-84 Time 11:00 Duration Hrs. 72 hrs Shut in

Test: Starting Date 9-17-84 Time 11:00 Ending Date 9-18-84 Time 11:00 Duration Hrs. 24 hrs Flow (gas)

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure Separator Pressure Choke Size  
 Casing: 570 Tubing: 0 . 375

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:										
Test:									<u>20</u>	

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections Orifice Meter Range

Pipe Taps: Flange Taps: 3 x .375 Differential: 35 Static Pressure: 4.6

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		<u>.375</u>				<u>.638</u>	<u>80F</u>	
Critical Flow Prover	<u>Coeff of .1904 x 4ha Diff = Cubic Ft/day -</u>							
Orifice Well Tester	<u>.1904 x 3.5 x 4.6 = 30.654 CF</u>							

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)

Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft. Flow Rate (R): 30,654 Cu. Ft. Bbls./Day: 0 (GOR) = 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 18 day of Sept 1984

*Steve Stewart*

STATE CORPORATION COMMISSION

For Offset Operator For State For Company SEP 24 1984