

15-095-21461-00-00

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Conservation Division Form C-5 Revised  
 TYPE TEST: Initial (Annual) Workover Reclassification TEST DATE: 8-8-91  
 Company BHP Petroleum Lease Dunkelburger Well No. 1  
 County Kingman Location 14 Section 30 Township 7 Range 7 Acres  
 Field S.G. Basil Reservoir Cities Service Pipeline Connection  
 Completion Date \_\_\_\_\_ Type Completion (Describe) \_\_\_\_\_ Plug Back T.D. \_\_\_\_\_ Packer Set At \_\_\_\_\_

Production Method: \_\_\_\_\_ Type Fluid Production Oil-water API Gravity of Liquid/Oil \_\_\_\_\_  
 Flowing Pumping Gas Lift \_\_\_\_\_  
 Casing Size \_\_\_\_\_ Weight \_\_\_\_\_ I.D. \_\_\_\_\_ Set At \_\_\_\_\_ Perforations \_\_\_\_\_ To \_\_\_\_\_  
 Tubing Size 2 7/8 Weight \_\_\_\_\_ I.D. \_\_\_\_\_ Set At \_\_\_\_\_ Perforations \_\_\_\_\_ To \_\_\_\_\_

Pretest: \_\_\_\_\_ Duration Hrs. \_\_\_\_\_  
 Starting Date \_\_\_\_\_ Time \_\_\_\_\_ Ending Date \_\_\_\_\_ Time \_\_\_\_\_  
 Test: \_\_\_\_\_ Duration Hrs. \_\_\_\_\_  
 Starting Date 8-7-91 Time \_\_\_\_\_ Ending Date 8-8-91 Time \_\_\_\_\_ 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size					
Casing:	Tubing:									
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.		
<u>1.67</u>	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil	
Pretest:										
Test:	<u>200</u>	<u>154001</u>	<u>9</u>	<u>0</u>	<u>179.80</u>	<u>9</u>	<u>1 1/4</u>	<u>181.88</u>	<u>190</u>	<u>2</u>
Test:										

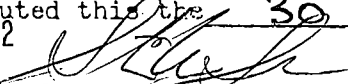
GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range			
Pipe Taps:	Flange Taps:	Differential:		Static Pressure:			
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester In. Water	Pressure (Psig or (Pd))	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	<u>2</u>	<u>.375</u>		<u>40</u>	<u>5</u>	<u>.712</u>	<u>60</u>
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psa)(Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
<u>.6860</u>	<u>54.4</u>	<u>16.5</u>	<u>1.185</u>	<u>1</u>	<u>1</u>	

Gas Prod. MCFD \_\_\_\_\_ Oil Prod. \_\_\_\_\_ Gas/Oil Ratio \_\_\_\_\_ Cubic Ft. per Bbl. \_\_\_\_\_  
 Flow Rate (R): 13.4 RECEIVED Day: 2 (GOR) = 6.7

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 30 day of December 19 91  
 MAR 3 1992  
 3-3-92  Carl W. Durr  
 For Offset Operator CONSERVATION DIVISION For State WICHITA, KS For Company