

15-095-21389-00-00

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division  
 TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 8-7-90  
 Company BHP Petroleum Lease Hilfford Well No. 5  
 County Hingman Location 14 Section 14 Township 30 Range 7 Acres  
 Field S.G. Basil Reservoir \_\_\_\_\_ Pipeline Connection Cities Service  
 Completion Date \_\_\_\_\_ Type Completion (Describe) \_\_\_\_\_ Plug Back T.D. \_\_\_\_\_ Packer Set At \_\_\_\_\_

Production Method: \_\_\_\_\_ Type Fluid Production \_\_\_\_\_ 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 8-7-90 Time 9:00 Ending Date 8-7-90 Time 9:00 Duration 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	Feet	Inches	Water	Oil			
<u>1.67</u>										
Pretest:										
Test:	<u>200</u>	<u>15298</u>	<u>2</u>	<u>2 3/4</u>	<u>44.31</u>	<u>2</u>	<u>9</u>	<u>55.17</u>	<u>80</u>	<u>11</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 Pressure	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In. Water In. Merc. Psig or (Pd)			
Orifice Meter	<u>3"</u>	<u>.750</u>	<u>100</u>	<u>.26</u>	<u>.758</u>	<u>65</u>
Critical Flow Prover						
Orifice Well Tester						

GAS FLOW RATE CALCULATIONS (R)

Gcoeff. (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)
<u>2.740</u>	<u>114.4</u>	<u>5.5</u>	<u>1.149</u>	<u>.9952</u>	<u>1</u>	

Gas Prod. MCFD \_\_\_\_\_ Oil Prod. Bbls./Day: 11 Gas/Oil Ratio (GOR) = 1.6 Cubic Ft. per Bbl. \_\_\_\_\_  
 Flow Rate (R): 17.1

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 15 day of NOV 19 90

For Offset Operator

For State

Carl W. Durr  
 For Company