

15-095-21355-00-00

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division  
 TYPE TEST: Initial (Annual) Workover Reclassification TEST DATE: 8-14-91  
 Company: BHP Petroleum Lease: Hufford Well No. 4  
 County: Kingman Location: 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 Oil-Water  
 Casing Size Weight I.D. Set At Perforations To  
 Tubing Size Weight I.D. Set At Perforations To  
 2 7/8

Pretest: Duration Hrs.  
 Starting Date Time Ending Date Time  
 Test: Duration Hrs.  
 Starting Date 8-13-91 Time Ending Date 8-14-91 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.	
1.67	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	200	15298	2	4 3/4	48.07	3	0 3/4	61.02	70 13
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 In. Merc. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Tempo. (t)
Orifice Meter	3	.750		100	.1	.758	60
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension V/hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
2.740	114.4	3.4	1.149	1	1	

Gas Prod. MCFD: 10.6 Oil Prod. Bbls./Day: 13 Gas/Oil Ratio (GOR) = .819 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 as of the 30 day of DECEMBER 19 91

RECEIVED  
 For Offset Operator: 3-3-92  
 For State: Carl W. Durr  
 For Company:  
 CONSERVATION DIVISION  
 WICHITA, KS