

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: 8-15-91
 Company: BHP Petroleum Lease: Hufford Well No. 5
 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: Pumping Type Fluid Production: Oil-Water API Gravity of Liquid/Oil
 Flowing Casing Size: 2 7/8 Weight: I.D.: Set At: Perforations: To:
 Tubing Size: Weight: I.D.: Set At: Perforations: To:

Pretest: Starting Date: Time: Ending Date: Time: Duration Hrs.
 Test: Starting Date: 8-14-91 Time: Ending Date: 8-15-91 Time: 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.		
1.67	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	<u>200</u>	<u>15298</u>	<u>3</u>	<u>0 3/4</u>	<u>61.02</u>	<u>3</u>	<u>4 3/4</u>	<u>68.11</u>	<u>64</u>	<u>7</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 In. Water	Tester In. Merc.	Pressure Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	<u>3</u>	<u>.750</u>			<u>100</u>	<u>.26</u>	<u>.758</u>	<u>60</u>
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)	MCFD (Fp)	Meter-Prover Press. (Psia)	Extension (Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
(OWTC)			$\sqrt{hw \times Pm}$				
<u>2.740</u>	<u>114.4</u>	<u>114.4</u>	<u>5.5</u>	<u>1.149</u>	<u>1</u>	<u>1</u>	

Gas Prod. MCFD: 17.17 Oil Prod. Bbls./Day: 7 Gas/Oil Ratio (GOR) = 2.5 Cubic Ft. per Bbl.

The undersigned authority of the Company, states that he is duly authorized to make the above knowledge of the facts stated therein, and that said report is true and correct. Executed this 30 day of December 19 91

MAR 3 1992

For Offset Operator 3-3-92

For State

For Company Carl W. Durr

CONSERVATION DIVISION
 WICHITA, KS