

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-095-00817-0000 Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual  Workover  Reclassification  TEST DATE: JUNE 9 1986

Company Black Energy Co. Lease MISSOURI Well No. 6

County Kingman Location 19 Section 19S Township 7N Range 7W Acres

Field Spruce Reservoir Miss Pipeline Connection

Completion Date Single Type Completion (Describe) Single Plug Back T.D. Packer Set At

Production Method: Flowing  Pumping  Gas Lift  Type Fluid Production Water API Gravity of Liquid/Oil

Casing Size 2 3/8 Weight 4.7 I.D. Set At Perforations To

Tubing Size 2 3/8 Weight 4.7 I.D. Set At Perforations To

Pretest: Starting Date July 9-86 Time 8:00 Ending Date July 10-86 Time 8:00 Duration Hrs. 24

Test: Starting Date Time Ending Date Time Duration Hrs.

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure				Separator Pressure				Choke Size		
Casing: <u>3 1/2</u>				Tubing: <u>2 3/8</u>				<u>16/64</u>		
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									<u>22</u>	
Test:										
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 Pressure In. Merc. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	<u>4</u>	<u>625</u>		<u>25</u>	<u>14</u>		
Critical Flow Prover							
Orifice Well Tester							

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)
<u>1.892</u>		<u>20.1</u>	<u>1.240</u>			

Gas Prod. MCFD Flow Rate (R): 61 Oil Prod. Bbls./Day: 61 Gas/Oil Ratio (GOR) = 61 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. Executed this the June day of 10 1986

RECEIVED

STATE CORPORATION COMMISSION

For Offset Operator  
 MAR 30 1987

For State

For Company