

**STATE OF KANSAS - CORPORATION COMMISSION
PRODUCTION TEST & GOR REPORT**

Conservation Division

Form C-5 Rev.

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 04/01/02

Company: Special Energy Corp Lease: Ladine Well No. 1

County: Rush Location: N/2 S/2 SW Section: 235 Township: 19S Range (E/W): 16 W Acres: 40

API Well Number: 15-165-21734-06-00 Reservoir(s): Arbuckle Gas Pipeline Connection: None Vented

Completion Date: 02/21/02 Type of Completion (Describe): Single Perforated Plug Back T.D.: Packer Set At:

Lifting Method: Type Liquid: Water + Oil API Gravity of Liquid/Oil: 39

None Pumping Gas Lift ESP

Casing Size: 7" Weight: 23# ID: Set At: 3848 Perforations: 3680 to 3808 To:

Tubing Size: 3 1/2" Weight: ID: Set At: Perforations: To:

Pretest: Starting Date Time AM/PM Ending Date Time AM/PM

Test: Starting Date 04/01/02 Time 8:00 AM/PM Ending Date 04/02/02 Time 8:00 AM/PM

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure Separator Pressure Choke Size

Casing: 24 Psig Tubing: 122 Psig Separator Pressure: 25 Psig

Bbls./In.	Stock Tank		Starting Gauge			Ending Gauge			Net API Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
<u>1.67</u>										
Pretest										
Test	<u>300</u>	<u>43/39</u>	<u>5</u>	<u>6.5</u>	<u>111.05</u>	<u>6</u>	<u>5</u>	<u>128.59</u>	<u>4240</u>	<u>17.54</u>
Test										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections (Yes/No) Orifice Meter Range Static Pressure:

Pipe Taps: Flange Taps: Differential:

Type Measuring Device	Entry Size	Orifice Size	Meter-Prover-Tester Pressure					Diff. Press. (h _w) or (h _d)	Gas Gravity (G)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (P _d)	%CO ₂	H ₂ Sppm			
Orifice Meter										
Critical Flow Prover	<u>2</u>	<u>.250</u>			<u>3</u>		<u>8000</u>			
MERLA Well Tester										

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (F _d) (F _e)	Meter-Prover Prcss. (P _{ria})(P _m)	Prcss. Extension $\sqrt{h_w \cdot P_m}$	Gravity Factor (F _g)	Flowing Temp. Factor (F _t)	Deviation Factor (F _{pr})	Sqr. Rt. Chart Factor (F _d)

Gas Prod. MCFD Oil Prod. Bbls./Day: 17.54 Gas/Oil Ratio (GOR) = 895 Cubic Feet per Bbl.

Flow Rate (R): 15.7

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 2nd day of April 1902

For Offset Operator: _____ For Commission: Richard W. Lucy For Company: [Signature]