

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-189-20921-0000

Form C-5 Revised

Conservation Division

TYPE TEST: Initial    Annual    Workover    Reclassification    TEST DATE: 9/30/86

Company: ROSEL ENERGY, INC.    Lease: BROLLIER    Well No.: A-1

County: Stevens    Location: N/2 NE/ NW    Section: 2    Township: 32S    Range: 35W    Acres: 40

Field: W.C.    Reservoir: Chester    Pipeline Connection: 0

Completion Date: 9/17/86    Type Completion(Describe): Perforation    Plug Back T.D.: 6125    Packer Set At:

Production Method: Flowing    Pumping X    Gas Lift     Type Fluid Production: Oil    API Gravity of Liquid/Oil: 43.1

Casing Size: 4 1/2    Weight: 10.5    I.D.:     Set At: 6192    Perforations: 6037    To: 6041, 4SPF, 16 holes

Tubing Size: 2 3/8    Weight:     I.D.:     Set At: 6122    Perforations:     To:

Pretest: Starting Date 9/28/86 Time 9:00 a.m. Ending Date 9/29/86 Time 9:00 a.m. Duration Hrs. 24

Test: Starting Date 9/29/86 Time 9:00 a.m. Ending Date 9/30/86 Time 9:00 a.m. Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	<u>200</u>	Tubing:	<u>80</u>	<u>30</u>						
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	<u>300</u>	<u>West</u>	<u>12</u>	<u></u>	<u></u>	<u>13</u>	<u></u>	<u></u>	<u>0</u>	<u>20.04</u>
		<u>East</u>	<u>2</u>	<u>9</u>	<u></u>	<u>6</u>	<u>2</u>	<u></u>	<u></u>	<u>68.47</u>
Test:										<u>88.51</u>
Test:	<u>300</u>		<u>6</u>	<u>2</u>	<u></u>	<u>10</u>	<u>8</u>	<u></u>	<u></u>	<u>90.18</u>

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 Temp. (t)
Orifice Meter							
Critical Flow Prover							
Orifice Well Tester		<u>1/8</u>		<u>50</u>		<u>.700</u>	<u>60</u>

GAS FLOW RATE CALCULATIONS (R)

Gcoeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension /hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
<u>27.6</u>			<u>.9258</u>			

Gas Prod. MCFD: 25.55    Oil Prod. Bbls./Day: 88.51    Gas/Oil Ratio (GOR) = 2870    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 1st day of October 1986

For Offset Operator: [Signature]    For State: [Signature]    For Company: [Signature]

10-9-86  
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