

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-189-21511-0000

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Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 11/26/91

Company: Mobil Oil Corp Lease: Ruella - Potts Well No.: 1

County: Stevens Location: E 1/4 NW 1/4 NE 1/4 Section: 13 Township: 31 Range: 35 Acres: 80

Field: Morrow Reservoir: Morrow Pipeline Connection: Permian / Mobil

Completion Date: 10/20/91 Type Completion (Describe): Single Flowing Plug Back T.D.: 5349 Packer Set At: 5300

Production Method: Flowing Type Fluid Production: Oil API Gravity of Liquid/Oil: 43.0

Casing Size	Weight	I.D.	Set At	Perforations	To
<u>3 1/2</u>	<u>15.5</u>		<u>5866</u>	<u>5329</u>	<u>5349</u>
Tubing Size	Weight	I.D.	Set At	Perforations	To
<u>2 7/8</u>	<u>6.5</u>		<u>5349</u>	<u>5329</u>	<u>5349</u>

Pretest: Starting Date 1-1- Time Ending Date Time Duration Hrs 24

Test: Starting Date Time Ending Date Time Duration Hrs 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure	Separator Pressure	Choke Size
Casing: <u>560#</u> Tubing: <u>50#</u>		<u>1 1/2" 64</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>15657</u>	<u>2</u>	<u>0</u>	<u>40.8</u>	<u>13</u>	<u>0</u>	<u>260</u>	<u>0</u>	<u>219.7</u>
Test:	<u>300</u>	<u>15658</u>	<u>2</u>	<u>0</u>	<u>40.8</u>	<u>12</u>	<u>11</u>	<u>259.3</u>	<u>0</u>	<u>218.5</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-Tester Pressure	Diff. Press. (hw) or (hd)	Gravity (Gg) or (Gd)	Flowing Temp (F)
Orifice Meter	<u>EGMC</u>		<u>500 MCF/D</u>			
Critical Flow Prover						
Orifice Well Tester						

DEC 03 1991
 12-3-91
 CONSERVATION DIVISION
 Wichita, Kansas

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension $\sqrt{hw \times Fm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
			<u>NIL</u>	<u>60</u>	<u>✓</u>	<u>✓</u>

Gas Prod. MCFD: 500 Oil Prod. Bbls./Day: 218 Gas/Oil Ratio (GOR) = 2.293 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 27th day of Nov 1991

For Offset Operator

For State

For Company