

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-189-20700-000

Form C-5 Revised

Conservation Division

TEST: Initial Annual Workover Reclassification TEST DATE:

Company: Mobil Oil Corp Lease: Patch # 8-27-84 Well No. 3-5

County: Stevens Location: 2100' from North 330' from West Section: 17 Range: 33 Acres: 37

Field: Guntzler Reservoir: Morrow Pipeline Connection: Northeast Natural Gas

Completion Date: 5/13/84 Type Completion (Describe): Single Plug Back T.D.: 6184 Packer Set At: None

Production Method: Pumping Type Fluid Production: Oil Gas Saltwater API Gravity of Liquid/Oil: 39.0

Flowing: Casing Size: 5 1/2 Weight: 15.5 # I.D.: 4.950 Set At: 6220 Perforations: 6073 To: 6082

Tubing Size: 2 3/8 Weight: 4.70 I.D.: 1.995 Set At: 6066 Perforations: To

Pretest: Starting Date: 8-27-84 Time: 11:00 AM Ending Date: 8-28-84 Time: 11:00 AM Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure	Separator Pressure	Choke Size
Casing: 90# Tubing: 70		None

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	300	932	7	9	155.31	13	5	268.87	30	113.56
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections: Pipe Taps: Flange Taps: X Differential: Static Pressure:

Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover In. Water	Tester Pressure In. Merc.	Pressure Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	3"	1.75	2.1"				1.690	75°
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)	Extension (Pm) / hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
16.01	90.4	13.446	1.203	.985	0	0

Gas Prod. MCFD: 255 Oil Prod. Bbls./Day: 114 Gas/Oil Ratio (GOR) = 2238 Cubic Ft. per Bbl.

I, 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 28th day of August 1984

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

200  
08-29-84