

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TEST: Initial Annual Workover Reclassification TEST DATE: 2-21-86

Lease Mobil Oil Corp Well No. 1
Vernon Combs

County Stevens Location SE SE Section 10 Township 32 S Range 35 Acres 10

Field Wildcat Reservoir Chester Pipeline Connection Oil - DENN 411 / Williams 110

Completion Date 12-3-85 Type Completion (Describe) Single Plug Back T.D. 6354 Packer Set At 5966

Production Method: Pumping Type Fluid Production Gas-Saltwater-Oil API Gravity of Liquid/Oil 44

Flowing Casing Size 5 1/2 Weight 15.5 I.D. 4.950 Set At 6400 Perforations 6074 To 6099

Tubing Size 2 3/8 Weight 6.5 I.D. 2.441 Set At 6117 Perforations To

Pretest: Starting Date 2-19-86 Time 9:00 A.M. Ending Date 2-20-86 Time 10:30 A.M. Duration Hrs. 25.5

Test: Starting Date 2-20-86 Time 10:30 A.M. Ending Date 2-21-86 Time 10:30 A.M. Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure: _____ Separator Pressure 30⁷² Choke Size _____
 Casing: _____ Tubing: _____

Bhls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	300	15054	2	10.25	57	4	10.75	99	9	41
Test:	300	15054	4	10.75	98	6	9.25	136	18	38
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 Gas (Gg)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (Pd)			
Orifice Meter								
Critical Flow Prover	2"	7/16				28 ⁺	1.680	60°
Orifice Well Tester								

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)
1.714	42.4	—	1.213	1.000		

Gas Prod. MCFD _____ Oil Prod. Bbls./Day: 38 Gas/Oil Ratio (GOR) = 2,315.79 • Cubic Ft. per Bbl.

Flow Rate (R): 88 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 21st day of February, 19 86

For Offset Operator _____ For State _____ For Company _____

MAR 27 1985