

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TEST: Initial Annual Workover Reclassification TEST DATE: 1-22-86

Company: Mobil Oil Corp. Lease: Grant Marcell Well No.: #1

County: Stevens Location: NW NW NW Section: 23 Township: 32S Range: 36 Acres: 10

Field: Wildcat Reservoir: Morrow Pipeline Connection: Permian / Northern Natural

Completion Date: 9-12-85 Type Completion (Describe): Single Plug Back T.D.: 6044 Packer Set At: 5877

Production Method: Flowing Type Fluid Production: Oil, Saltwater & Gas API Gravity of Liquid/Oil: 41.4

Casing Size: 5 1/2 Weight: 15.5 I.D.: 1546 Set At: 5960 Perforations: 6004 To: 6004

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

Pretest: Starting Date: 1-22-86 Time: 9:00 AM Ending Date: 1-23-86 Time: 9:00 AM Duration Hrs.: 21

Test: Starting Date: _____ Time: _____ Ending Date: _____ Time: _____ Duration Hrs.: _____

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure: _____ Separator Pressure: _____ Choke Size: 2" Full Open

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	300	15020	10	5.5	209	11	5.25	229	0	20
Test:	300	15020	11	5.25	229	12	6.125	251	0	22
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections: _____ Orifice Meter Range: _____

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	3"	1.25	9"	67.2		.681	
Critical Flow Prover							
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)
7.771	81.6	2459	1.212			

Gas Prod. MCFD: _____ Oil Prod. Bbls./Day: 22 Gas/Oil Ratio (GOR) = 10500 • Cubic Ft per Bbl.

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 22nd day of January, 19 86

For Offset Operator: _____ For State: John R. Baker For Company: Ray P. ...
 3-27-86
 CONSERVATION DIVISION
 State of Kansas