

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Conservation Division Form C-5 Revised

TEST: Initial Annual Workover Reclassification TEST DATE:

Lease Well No. #1

Mobil Oil Corp. Hitch Cattle

County Location Section Township Range Acres

Stevens SE SW SW 18 32 W 35-

Field Reservoir Pipeline Connection

Wildcat Lower Morrow

Completion Date Type Completion (Describe) Plug Back T.D. Packer Set At

2-6-86 Single 6080 5700

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

Flowing Pumping Gas Lift Oil Solution Gas 454

Casing Size Weight I.D. Set At Perforations To

5 1/2 15.5 6378 6014 6026

Tubing Size Weight I.D. Set At Perforations To

2 1/4 5894

Pretest: Duration Hrs.

Starting Date 6-4-86 Time 10:00 A.M. Ending Date 6-5-86 Time

Test: Duration Hrs.

Starting Date Time Ending Date Time

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size			
Casing:			Tubing:						
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	300 15095	6	6.75	131.51	6	8.0	133.6	0	2
Test:	300 15095	6	8.0	133.6	6	9.25	135.7	0	2
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range			
Pipe Taps:	Flange Taps:	Differential:	Static Pressure:				
Measuring Device	Non-Prover Tester Size	Orifice Size	Meter-Prover Tester Pressure	Diff. Press.	Gravity	Flowing Temp.	
			In. Water In. Merc. Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)	
Orifice Meter							
Critical Flow Prover	2"	.25		3.5			
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD. (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)
1.115			1.213	1.000		

Gas Prod. MCFD Flow Rate (R): 24 mcf/d Oil Prod. Bbls./Day: 2 Gas/Oil Ratio (GOR) = 12000 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 16th day of June 1986

For Offsat Operator: *Glen R. Barkley* JUN 16 1986  
 For State: *Ray Roberts*  
 CONSERVATION DIVISION or Company  
 Wichita, Kansas 66-116-86