

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: Mobil Oil Corp. Lease: Glen McCulley Well No. 1

County: Stevens Location: NE NE Section: 15 Township: 32 Range: 35 Acres:

Field: UN Named Reservoir: Chester Pipeline Connection:

Completion Date: 9-2-86 Type Completion(Describe): Single Plug Back T.D.: 6294 Packer Set At:

Production Method: Pumping Type Fluid Production: Oil & Saltwater: Gas API Gravity of Liquid/Oil: 40.6

Flowing Casing Size: 5 1/2	Weight: 14#	I.D.: 4.892	Set At: 6350	Perforations: 6108	To: 6118
Tubing Size: 2 7/8	Weight: 6.5	I.D.: 1.995	Set At: 6048	Perforations:	To:

Pretest: Starting Date 11-17-86 Time 10:00 A.M.	Ending Date 11-18-86 Time 10:00 A.M.	Duration Hrs.: 24
Test: Starting Date 11-18-86 Time 10:00 A.M.	Ending Date 11-19-86 Time 10:00 A.M.	Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Casing:	Tubing:	Producing Wellhead Pressure			Separator Pressure			Choke Size		
		Bbls./In.	Tank	Starting Gauge	Ending Gauge	Net Prod. Bbls.	Water	Oil		
Pretest:	300	15158	2	5	48.43	8	11.5	179	27	131
Test:	300	15158	8	11.5	179	12	5"	248.8		70
Test:	300	15157	2"	0	40	4'	8"	94	22	54.

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 In.Water In.Merc. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter										20		
Critical Flow Prover	2"		1/16							20	.690	
Orifice Well Tester												

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC): 1.714	Meter-Prover Press.(Psia)(Pm): 34.4	Extension $\sqrt{hw \times Pm}$: —	Gravity Factor (Fg): 1.204	Flowing Temp. Factor (Ft): 1.000	Deviation Factor (Fpv): DEC 3 1986	Chart Factor(Fd):
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Gas Prod. MCFD: 71 Oil Prod. Bbls./Day: 124 Gas/Oil Ratio (GOR) = 572.6 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 11th day of NOV. 19 86

For Offset Operator: Albert J. Kendra For State
 For Company: Ray Roberts
 12-05-86

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 11-19-86

Company: Mobil Oil Corp. Lease: Glenn McCulley Well No.: 1

County: Stevens Location: C N/2 NE Section: 15 Township: 32 Range: 35 Acres: 10

Field: U.N. Named Reservoir: Chester Pipeline Connection: OIL - Permian (400) - Enron Gas Marketing

Completion Date: 8-27-86 Type Completion (Describe): Single Plug Back T.D.: 6294 Packer Set At: -

Production Method: Pumping Type Fluid Production: Oil & Saltwater & Gas API Gravity of Liquid/Oil: 40.6

Flowing Casing Size: 5 1/2 Weight: 14 # I.D.: 4.892 Set At: 6350 Perforations: 6108 To: 6118

Tubing Size: 2 3/8 Weight: 6.5 I.D.: 1.995 Set At: 6048 Perforations: To

Pretest: Starting Date 11-17-86 Time 10:00 A.M. Ending Date 11-18-86 Time 10:00 A.M. Duration Hrs.: 24

Test: Starting Date 11-18-86 Time 10:00 A.M. Ending Date 11-19-86 Time 10:00 A.M. Duration Hrs.: 24

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	15158	2	5	48.43	8	11.5	179	27	131
Test:	300	15158	8	11.5	179	12	5"	248.8		70
Test:	300	15157	2	0	40	4'	8"	94	22	54

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.	Gravity	Flowing	
			In. Water	In. Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter					20			
Critical Flow Prover	2"	7/16			20		.690	
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)	MCFD (Fp)	Meter-Prover Press. (Psia)	Extension (Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
(OWTC)			√hw x Pm				
1.714		34.4		1.204	1.000		

Gas Prod. MCFD: 71 Oil Prod. Bbls./Day: 124 Gas/Oil Ratio (GOR) = 572.6 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 19th day of Nov. 1986

Albert J. [Signature] For State
 Ray Roberts For Company

For Offset Operator

RWO 11-19-86