

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-189-20933-00-00

OCT 1 1987

Form C-5 Revised

Conservation Division

TEST: Initial Annual Workover Reclassification TEST DATE: 9-11-87

Company: Mobil Oil Corp. Lease: C. E. Downing Well No. 1

County: Stevens Location: NW-NW-NW Section: 14 Township: 32 Range: 35 W Acres: 1

Field: Larabee/Chester Reservoir: Chester Pipeline Connection: Enron Corp.

Completion Date: 12-17-86 Type Completion(Describe): Single Plug Back T.D.: 6335 Packer Set At:

Production Method: Type Fluid Production: Gas-oil-saltwater API Gravity of Liquid/Oil: 43

Flowing	Pumping	Gas Lift				
Casing Size	Weight	I.D.	Set At	Perforations	To	
5 1/2	14	5.012	6335	6060	6092	

Tubing Size	Weight	I.D.	Set At	Perforations	To
2 3/8	6.5	2.441	6124		

Pretest: Starting Date 9-9-87 Time 9:15 A.M. Ending Date 9-10-87 Time 9:15 A.M. Duration Hrs. 24

Test: Starting Date 9-10-87 Time 9:15 A.M. Ending Date 9-11-87 Time 9:15 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 15175	9	11	199.73	10	1 1/4	202.49	3	4
Test:	300 15175	10	1 1/4	202.49	10	2 1/4	204.16	1	2
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.	Gravity	Flowing	
			In.Water	In.Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter	3	.50			67	3.5"	.727	67
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia) (Pm)	Extension	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
		√hw x Fm				
1.214	81.4	16.88	1.173	.9933		

Gas Prod. MCFD: 24 Oil Prod. Bbls./Day: 2 Gas/Oil Ratio (GOR) = 1200 • 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 11th day of Sept. 1987

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

10-08-87

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

SEP 1 1987  
 Form C-5 Revised

Conservation Division

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 Lease Well No. 1  
 Mobil Oil Corp. C. E. Downing

County: Stevens Location: NW-NW-NW Section: 14 Township: 32 Range: 35 W Acres: 1

Field: Larabee/Chester Reservoir: Chester Pipeline Connection: Enron Corp.

Completion Date: 12-17-86 Type Completion(Describe): Single Plug Back T.D.: 6335 Packer Set At:

Production Method: Type Fluid Production: Gas-oil-saltwater API Gravity of Liquid/Oil: 43

Flowing Casing Size: 5 1/2	Pumping Weight: 14	Gas Lift I.D.: 5.012	Set At: 6335	Perforations: 6060	To: 6092
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Tubing Size: 2 3/8	Weight: 6.5	I.D.: 2.441	Set At: 6124	Perforations: To
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Pretest: Starting Date: 9-9-87 Time: 9:15 A.M. Ending Date: 9-10-87 Time: 9:15 A.M. Duration Hrs.: 24

Test: Starting Date: 9-10-87 Time: 9:15 A.M. Ending Date: 9-11-87 Time: 9:15 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	15175	9	11	199.73	10	1 1/4	202.49	3	4
Test:	300	15175	10	1 1/4	202.49	10	2 1/4	204.16	1	2
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range						
Pipe Taps:	Flange Taps:		Differential: 2.50				Static Pressure: 57		
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	3	.50			67	3.5"	.727	67	
Critical Flow Prover									
Orifice Well Tester									

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (Fb)(Fp)(OWTC)	Meter-Prover Press.(Psla)(Pm)	Extension Vhw x Fm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
1.214	81.4	16.88	1.173	.9933		

Gas Prod. MCFD: 24 Oil Prod. Bbls./Day: 2 Gas/Oil Ratio (GOR) = 1200 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 11th day of Sept. 1987

Glenn R. Barber For State  
 W. R. Robert For Company

For Offset Operator

For State

CONSERVATION DIVISION  
 Wichita, Kansas

09-24-87