

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TEST: Initial Annual Workover Reclassification TEST DATE: 11-14-85

Company: Mobil Oil Corp. Lease: Glen Marcellus Well No.: D 12"

County: Stevens Location: C SE SE Section: 25 Township: 32 Range: 35 Acres: 10

Field: North Shuck Reservoir: Cheater Pipeline Connection: gws / oih Northern Natural / Permian

Completion Date: 7-6-85 Type Completion(Describe): Plug Back T.D.: 6174 Packer Set At: 15991

Production Method: Flowing / Pumping Gas Lift Type Fluid Production: Saltwater & Oil API Gravity of Liquid/Oil: 42.0

Casing Size: 5 1/2	Weight: 15.5	I.D.: 4.950	Set At: 6396	Perforations: 6092	To: 61-23
Tubing Size: 2 3/8	Weight: 6.5	I.D.: 2.441	Set At: 6145	Perforations:	To:

Pretest: Starting Date: Time: Ending Date: Time: Duration Hrs.:

Test: Starting Date: 11-13-85 Time: 1:45 Ending Date: 11-14-85 Time: Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing:	Tubing:								
	220								
Bhls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	300	10'	1	202	11	0	220	6	18
Test:	300 6373	11	1.75	22253	12	1.75	24540	6	20:87
Test:	300 6374	1	9.5	35.90	1	10	36.74	4	.84

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 In. Water	Tester Pressure In. Merc.	Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	3"	1.750			70.2	18"	.696	64
Critical Flow Prover	3"	1.750			72.1			
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)	Extension (Fm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
16.01	85	39.02	1.199	.9962		

Gas Prod. MCFD: 746.00 Oil Prod. Bbls./Day: 22 Gas/Oil Ratio (GOR) = 33909 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 14<sup>th</sup> day of November 1985

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

RECEIVED STATE CORPORATION COMMISSION  
 MAR 27 1986  
 3-27-86