

15-189-20707-0000

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division Form C-5 Revised

TEST: Initial Annual Workover Reclassification TEST DATE: 11-15-85
 Lease Well No. 1

County: Stevens Location: NE SE Section: 36 Township: 32S Range: 35 Acres: 80
 Lease: Mobil Oil Corp. Owner: Owen Dowling

Field: North Shack Reservoir: Chester Pipeline Connection: —

Completion Date: 3-24-84 Type Completion(Describe): Single Plug Back T.D.: 6382 Packer Set At: 6056

Production Method: Flowing Pumping Gas Lift Type Fluid Production: Gas-Saltwater-Oil API Gravity of Liquid/Oil: 40.9

Casing Size: 5 1/2 Weight: 15.5 I.D.: 4.950 Set At: 6509 Perforations: To 6134-6142

Tubing Size: 2 7/8 Weight: 6.5 I.D.: 2.441 Set At: 6117 Perforations: To

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

Test: Starting Date: 11-14-85 Time: 3:20 Ending Date: 11-15-85 Time: 3:05 P.M. Duration Hrs.: 21

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:		4	5	89	4	8	74	-	5
Test:	700 6091	4	10.75	98	4	11	98.53	0	1
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 In. Water	Pressure In. Merc.	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter							
Critical Flow Prover	2"	.125			8		68
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fov)	Chart Factor (Fd)
.2716	22	—	1.213			

Gas Prod. MCFD: 7 Oil Prod. Bbls./Day: 1 Gas/Oil Ratio (GOR) = 7000 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 15th day of November 1985

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

STATE CORPORATION COMMISSION
 NOV 27 1985
 3-27-86
 CONSERVATION DIVISION
 Wichita, Kansas