

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division  
 TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 2/4/91  
 Company: Molz Oil Company Lease: Angell Well No.: "A"-1  
 County: Barber Location: C N W/4 Section: 30 Township: 33 Range: 13 Acres: 160  
 Field: Medicine Lodge Reservoir: Mississippi Pipeline Connection: Kansas Power & Light  
 Completion Date: 2/18/76 Type Completion (Describe): Plug Back T.D. 4950' GL Packer Set At: NONE  
 Production Method: Pumping Gas Lift Type Fluid Production: Oil & Water API Gravity of Liquid/Oil: 35°  
 Casing Size: 7" Weight: 24# I.D.: 6.336" Set At: 5023' Perforations: 4765 To: 4806  
 Tubing Size: 2 3/8" Weight: 4.7# I.D.: 1.995" Set At: 4900 Perforations: 4897 To: 4900

Pretest: Starting Date: 2/1/91 Time: 8:00 A.M. Ending Date: 2/4/91 Time: 8:00 A.M. Duration Hrs.: 72 hrs

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	Feet	Inches	Water Oil
Pretest:						
Test:	200	3'	5"	68.35	4' 4"	86.75 9 9
Test:						

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections		Orifice Meter Range		0-500		
Pipe Taps:	Flange Taps:	PIPE	Differential: 0-100	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	2.067	0.250	3 63.5	3	0.667	110
Critical Flow Prover						
Orifice Well Tester						

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)	MCFD (Fp)	Meter-Prover Press. (Pm)	Extension (Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
(Fb)	(Fp)	(OWTC)	(Pm)	(Fg)	(Ft)	(Fpv)	(Fd)
0.3089	74.9	13.8	1.224	1.000	1.000	---	---

Gas Prod. MCFD: 5 Oil Prod. Bbls./Day: 3 Gas/Oil Ratio (GOR) = 1666-1 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 8th day of February 1991

For Offset Operator

For State

For Company

*Jessie Oldham - 2/65*

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST  
BARREL TEST

OPERATOR Molz Oil Company LOCATION OF WELL C N W/4  
 LEASE Angell OF SEC. 30 T 33 R 13W  
 WELL NO. A-1 COUNTY Barber  
 FIELD Medicine Lodge PRODUCING FORMATION Mississippi  
 Date Taken 2/1 through 2/4/91 Date Effective 2/4/91  
 Well Depth 4,950 Top Prod. Form \_\_\_\_\_ Perfs 4765-4806  
 Casing: Size 7" Wt. 24# Depth 5023 Acid ---  
 Tubing: Size 2 3/8" EVE Depth of Perfs 4897-4900 Gravity 35°  
 Pump: Type BHD Bore 1 1/2 Purchaser KP & L  
 Well Status Pumping  
Pumping, flowing, etc.

TEST DATA

Permanent \_\_\_\_\_ Field \_\_\_\_\_ Special \_\_\_\_\_  
 Flowing \_\_\_\_\_ Swabbing \_\_\_\_\_ Pumping X

STATUS BEFORE TEST:

PRODUCED 72 HOURS

SHUT IN 0 HOURS

DURATION OF TEST 72 HOURS 0 MINUTES 0 SECONDS

GAUGES: WATER 5 1/2 INCHES 50% PERCENTAGE

OIL 5 1/2 INCHES 50% PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 6

WATER PRODUCTION RATE (BARRELS PER DAY) 3

OIL PRODUCTION RATE (BARRELS PER DAY) 3 PRODUCTIVITY

STROKES PER MINUTE 5

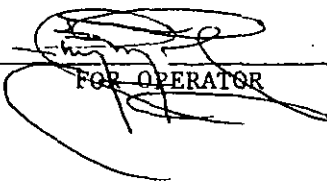
LENGTH OF STROKE 54 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

WITNESSES:

FOR STATE

  
FOR OPERATOR

FOR OFFSET