

15-153-20706-00-00

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division Form C-5 Revised

TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 5-31-88

Company: Source Petroleum Lease: Timm Well No. A-2

County: Rawlins Location: SE-SW-NE Section: 24 Township: 1 Range: 33 Acres:

Field: Reservoir: K.C. Pipeline Connection: Koch

Completion Date: 4-8-88 Type Completion (Describe): Plug Back T.D. 4366-4680 Packer Set At:

Production Method: Pumping Type Fluid Production: API Gravity of Liquid/Oil: 35.6 @ 78°

Flowing Casing Size: 4 1/2 Weight: I.D. Set At: 4411 Perforations To: 4081-4183

Tubing Size: 2 3/8 Weight: I.D. Set At: 4118 Perforations To:

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

Test: Starting Date: 5-31-88 Time: 10:30 AM Ending Date: 6-1-88 Time: 10:30 AM Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing:	Tubing:								
Bbls./In.	Tank Size Number	Starting Gauge		Ending Gauge		Net Prod. Bbls.			
		Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
1.67									
Pretest:									
Test:	200 144478	1	2 1/2		2	7 1/2	Total Fluid	3	25
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. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter							
Critical Flow Prover							
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 (Fdv)	Chart Factor (Fd)

Gas Prod. MCFD Flow Rate (R): Oil Prod. Bbls./Day: Gas/Oil Ratio (GOR) = 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 _____ day of _____ 1988

For Offset Operator: *Paul J. Balthazar* For State: *Ken Dornick* For Company:

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STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR _____ LOCATION OF WELL _____
 LEASE _____ OF SEC. _____ T _____ R _____
 WELL NO. _____ COUNTY _____
 FIELD _____ PRODUCING FORMATION _____
 Date Taken _____ Date Effective _____
 Well Depth _____ Top Prod. Form _____ Perfs _____
 Casing: Size _____ Wt. _____ Depth _____ Acid _____
 Tubing: Size _____ Depth of Perfs _____ Gravity _____
 Pump: Type _____ Bore _____ Purchaser _____
 Well Status _____
 Pumping, flowing, etc.

TEST DATA

Permanent _____ Field _____ Special _____
 Flowing _____ Swabbing _____ Pumping _____

STATUS BEFORE TEST:

PRODUCED _____ HOURS
 SHUT IN _____ HOURS

DURATION OF TEST _____ HOURS _____ MINUTES _____ SECONDS

GAUGES: WATER _____ INCHES _____ PERCENTAGE
 OIL _____ INCHES _____ PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) _____

WATER PRODUCTION RATE (BARRELS PER DAY) _____

OIL PRODUCTION RATE (BARRELS PER DAY) _____ PRODUCTIVITY

STROKES PER MINUTE _____

LENGTH OF STROKE _____ INCHES

REGULAR PRODUCING SCHEDULE _____ HOURS PER DAY.

COMMENTS _____

WITNESSES:

FOR STATE

FOR OPERATOR

FOR OFFSET