

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 1-31-2-1-90
 Company Lease Well No.

County Pratt Location SE SE NW Section 29 Township 29S Range 12W Acres 80

Field NA Reservoir MISS Pipeline Connection Clear Creek

Completion Date 12-21-89=workover date Type Completion (Describe) Acid + Frac Plug Back T.D. 4687 Packer Set At none

Production Method: Type Fluid Production Oil API Gravity of Liquid/OIL 35.1 @ 60°

Flowing Pumping Gas Lift
 Casing Size 4 1/2" Weight 10.5# I.D. 4.052" Set At 4780' Perforations To 4367-4380 + 4396-4351
 Tubing Size 2 3/8" Weight 4.7 I.D. 1.995 Set At 4338' Perforations To Perforated M.A.

Pretest: Starting Date 1-31-90 Time 9:30 AM Ending Date 2-1-90 Time 9:30 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size			
Casing:	<u>45#</u>	Tubing:	<u>100#</u>		<u>45#</u>		<u>40/64</u>		
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	<u>210</u>	<u>7346</u>	<u>9'</u>	<u>11"</u>	<u>138.76</u>	<u>13'</u>	<u>5"</u>	<u>187.80</u>	<u>0</u> <u>49.04</u>
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range			
Pipe Taps:	Flange Taps:	<input checked="" type="checkbox"/>	Differential:	<u>100"</u>	Static Pressure:	<u>1000#</u>	
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure	Diff. Press.	Gravity	Flowing Temp.	
	In. Water	In. Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)	
Orifice Meter	<u>2"</u>	<u>5/8"</u>		<u>18#</u>	<u>2"</u>	<u>1.00</u>	<u>60</u>
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension V/hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fv)	Chart Factor (Fd)
<u>1.914</u>	<u>32.4</u>	<u>8.05</u>	<u>1.00</u>	<u>1.00</u>	<u>—</u>	<u>—</u>

Gas Prod. MCFD 15.41 Oil Prod. Bbls./Day: 49.04 Gas/Oil Ratio (GOR) = .314 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 1st day of February 1990

For Offset Operator Stephen J. Pfeifer For State Darin L. Dresse For Company

Gas Gravity + Flowing temp. = NA

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