

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

**CONFIDENTIAL**

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover (Reclassification) TEST DATE: 1-3-94

Company Union Valley Petro Corp Lease Alvin Well No. #1

County Sumner Location 7 Section 7 Township 35 Range SW Acres

Field MISS Reservoir Western Resc Pipeline Connection

Completion Date Type Completion(Describe) Plug Back T.D. Packer Set At

Production Method: Flowing Pumping X Gas Lift Type Fluid Production API Gravity of Liquid/Oil

Casing Size 5 1/2 Weight 17# I.D. N-80 Set At 4957 Perforations 4576 To 4684 & 440-31

Tubing Size 2 1/8 Weight 4387 I.D. Set At Perforations To

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 1-3-94 Time 930 Ending Date 1-4-94 Time 0930 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure Separator Pressure Choke Size

Casing:	Tubing:	Starting Gauge			Ending Gauge			Net Prod. Bbls.		
		Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water
Pretest:										
Test:	<u>200</u>	<u>101633</u>	<u>1</u>	<u>4</u>		<u>4</u>	<u>0</u>			<u>54</u>
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 Pressure		Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In. Water	In. Merc. Psig or (Pd)			
Orifice Meter	<u>I</u>	<u>1.500</u>					
Critical Flow Prover			<u>Total Flow Meter</u>				
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 (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD 560 Oil Prod. Bbls./Day: 54 Gas/Oil Ratio (GOR) = 10.4-1 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 4 day of April 1994

For Offset Operator

For State

For Company

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