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STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Conservation Division Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company ALLEN DRILLING COMPANY Lease UNRUH Well No. 1-17

County Barton Location NW NW NW Section 17 Township 20 S Range 15 W Acres 10

Field Converse Reservoir Arbuckle Pipeline Connection N/A

Completion Date 9/19/89 Type Completion(Describe) Perforated Plug Back T.D. 3870' Packer Set At N/A

Production Method: Pumping Type Fluid Production Oil & Water API Gravity of Liquid/Oil approx. 39°

Casing Size 5-1/2" Weight 15.5# I.D. 3952' Set At 3780' Perforations 3836' To

Tubing Size 2-7/8" Weight 3858' I.D. 2-1/2" Set At N/A Perforations N/A To

Pretest: Starting Date            Time            Ending Date            Time            Duration Hrs.           

Test: Starting Date 6-25-90 Time 9<sup>20</sup> Ending Date 6-26-90 Time 9<sup>26</sup> Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure            Separator Pressure            Choke Size           

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:		170196	5	6	11022	8	8	113.56	40bbl	3.34
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 In. Water	Tester Pressure In. Merc.	Pressure Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter								
Critical Flow Prover	Small amt of gas used for lease operation							
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)	MCFD (Fp)	Meter-Prover Press. (Psia)	Extension (Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD            Oil Prod.            Gas/Oil Ratio            Cubic Ft.             
 Flow Rate (R):            Bbls./Day:            (GOR) =            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 26<sup>th</sup> day of June 1990

*Dawn Rankin*  
 For State

*L. Roy Wilhelms*  
 For Company

For Offset Operator

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST  
BARREL TEST

OPERATOR ALLEN DRILLING COMPANY LOCATION OF WELL NW NW NW  
 LEASE UNRUH OF SEC. 17 T 20 S R 15 W  
 WELL NO. 1-17 COUNTY Barton  
 FIELD Converse PRODUCING FORMATION Arbuckle  
 Date Taken \_\_\_\_\_ Date Effective \_\_\_\_\_  
 Well Depth 3960 DTD Top Prod. Form 3777 Perfs \_\_\_\_\_  
 Casing: Size 5-1/2" Wt. 15.5# Depth 3952 Acid 1500 gal.  
 Tubing: Size 2-7/8" Depth of Perfs n/a Gravity approx. 39°  
 Pump: Type inset Bore 2" Purchaser Koch Oil  
 Well Status Pumping  
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 92 PERCENTAGE  
 OIL \_\_\_\_\_ INCHES 8 PERCENTAGE  
 GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) \_\_\_\_\_  
 WATER PRODUCTION RATE (BARRELS PER DAY) 40  
 OIL PRODUCTION RATE (BARRELS PER DAY) 3.34 PRODUCTIVITY  
 STROKES PER MINUTE 6 1/2  
 LENGTH OF STROKE 64" INCHES  
 REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY  
 COMMENTS mail copy to operator

RECEIVED  
STATE CORPORATION COMMISSION  
NOV 9 1990

CONSERVATION DIVISION  
Wichita, Kansas

WITNESSES:

Oscar Rankin FOR STATE  
Lois Wilhelm FOR OPERATOR  
 \_\_\_\_\_ FOR OFFSET