

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 7-24-90

Company: Davis Petroleum Lease: Sleeper Well No. 1

County: Stafford Location: SESESW Section: 5 Township: 22 Range: 11 Acres:

Field: Wildcat Reservoir: Long Pipeline Connection: Koch

Completion Date: 7-19-90 Type Completion (Describe): Perforations Plug Back T.D.: 3509 Packer Set At:

Production Method: Flowing Pumping Gas Lift Type Fluid Production: oil & water API Gravity of Liquid/Oil: 39

Casing Size: 4 1/2 Weight: 10.5# I.D.: 3 7/8 Set At: 3588 Perforations: 3496 To: 3501 4 S.P.F.

Tubing Size: 2 3/8 Weight: 4.6 I.D.: Set At: 3566 Perforations: 3478 To: -80

Pretest: Starting Date: 7-24-90 Time: 11:00 AM Ending Date: 7-25-90 Time: 11:00 AM Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing: 0"	Tubing: 10"									
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.		
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	200	178028	3	2	63.46	6	6.5	131.1	13	67.64
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.	Differential Pressure 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)	MCFD (Fp)	Meter-Prover Press. (Pm)	Extension / hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD: 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 25th day of July 1990

For Offset Operator: \_\_\_\_\_ For State: \_\_\_\_\_ For Company: \_\_\_\_\_

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

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PRODUCTIVITY TEST  
BARREL TEST

OPERATOR Davis Petroleum LOCATION OF WELL SESESW  
 LEASE Sleeper OF SEC. 5 T 22S R 11W  
 WELL NO. 1 COUNTY Stafford  
 FIELD Wildcat PRODUCING FORMATION Lang  
 Date Taken 7-24 & 25-90 Date Effective \_\_\_\_\_  
 Well Depth 3590 Top Prod. Form \_\_\_\_\_ Perfs 3496-3501  
 Casing: Size 4 1/2 Wt. 10.5# Depth \_\_\_\_\_ Acid \_\_\_\_\_  
 Tubing: Size 2 3/8 Depth of Perfs 3478-80 Gravity 39  
 Pump: Type insert Bore 1 1/2" Purchaser Koch  
 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 24 HOURS \_\_\_\_\_ MINUTES \_\_\_\_\_ SECONDS  
 GAUGES: WATER \_\_\_\_\_ INCHES 16.6 PERCENTAGE  
 OIL \_\_\_\_\_ INCHES 83.4 PERCENTAGE  
 GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 81.14  
 WATER PRODUCTION RATE (BARRELS PER DAY) 13.5  
 OIL PRODUCTION RATE (BARRELS PER DAY) 67.64 PRODUCTIVITY  
 STROKES PER MINUTE 15  
 LENGTH OF STROKE 34 INCHES  
 REGULAR PRODUCING SCHEDULE \_\_\_\_\_ HOURS PER DAY.

COMMENTS mail copy of test to operator

RECEIVED  
STATE CORPORATION COMMISSION

JUL 27 1990

CONSERVATION DIVISION  
Wichita Kansas

WITNESSES:

Deane Rankin x Daniel R. Willinger  
 FOR STATE FOR OPERATOR FOR OFFSET