

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

Hemmer
R

PRODUCTIVITY TEST
BARREL TEST

SW NE SE W2 E2 SE

OPERATOR Ranken Energy Corporation LOCATION OF WELL 1350' FSL & 900' FEL
 LEASE Schweitzer OF SEC. 11 T 20S R 25W
 WELL NO. 2 COUNTY Ness
 FIELD Guzzlers Gulch, North PRODUCING FORMATION Cherokee & Ft Scott
 Date Taken 9-6-90 Date Effective _____
 Well Depth 4520 Top Prod. Form 4349 & 437 Perfs 4380-96 & 4404-20'
 Casing: Size 5-1/2" Wt. 14 & 15.5# Depth 4515' Acid 3000 gal 15% NEFe
 Tubing: Size 2-3/8" Depth of Perfs 4464' Gravity 38
 Pump: Type 2"x1-1/2"x12' RW Bore 1-1/2" Purchaser Clear Creek
 Well Status pumping
 Pumping, flowing, etc.

TEST DATA

Permanent _____ Field _____ Special _____
 Flowing _____ Swabbing _____ Pumping

STATUS BEFORE TEST:

PRODUCED 24 HOURS
 SHUT IN — HOURS

DURATION OF TEST 24 HOURS — MINUTES — SECONDS

GAUGES: WATER — INCHES 70 PERCENTAGE
 OIL — INCHES 30 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 19

WATER PRODUCTION RATE (BARRELS PER DAY) 13.3

OIL PRODUCTION RATE (BARRELS PER DAY) 5.7 PRODUCTIVITY

STROKES PER MINUTE 8

LENGTH OF STROKE 38" INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS

WITNESSES:

Don Jordan FOR STATE
Thomas C. Parson FOR OPERATOR
 _____ FOR OFFSET

SEP 10 1990

CONSERVATION DIVISION
Wichita, Kansas

15-135-23454-00-00

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division
 TYPE TEST: Initial Annual Workover Reclassification TEST DATE:
 Company Lease Well No.

County Location Section Township Range Acres

Field Reservoir Pipeline Connection

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

Production Method: Type Fluid Production API Gravity of Liquid/Oil

Flowing Pumping Gas Lift
 Casing Size Weight I.D. Set At Perforations To

Tubing Size Weight I.D. Set At Perforations To

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date Time Ending Date Time Duration Hrs.

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing:	Tubing:								
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:									
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 In.Water 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. MCFD (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 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 _____ 19____

For Offset Operator For State For Company
 Form C-5 (5/88)