STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

15-135-23994-0000

PRODUCTIVITY TEST

BARREL TEST

OPERATOR McCoy LOCATION OF WELL C E/2 NW

LEASE Ring "A" OF SEC. 13 T 20 R 25

WELL NO. 1-13 COUNTY Ness

FIELD _____ PRODUCING FORMATION Mississippi

Date Taken 7-29-97 Date Effective _____

Well Depth 4441-4449 Top Prod. Form Miss. Perfs Open Hole

Casing: Size 5½" Wt. 15.5 Depth 4441.5 Acid _____

Tubing: Size 2⅜" Depth of Perfs Open Hole Gravity _____

Pump: Type 2"x1½"x16" Bore _____ Purchaser Koch

Well Status Pumping
Pumping, flowing, etc.

TEST DATA

Permanent _____ Field _____ Special _____

Flowing _____ Swabbing _____ Pumping X

STATUS BEFORE TEST:

PRODUCED _____ HOURS

SHUT IN _____ HOURS

DURATION OF TEST 24 HOURS _____ MINUTES _____ SECONDS

GAUGES: WATER ~~3½~~ 3½" INCHES _____ PERCENTAGE

OIL 2'6" INCHES _____ PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 56

WATER PRODUCTION RATE (BARRELS PER DAY) 6

OIL PRODUCTION RATE (BARRELS PER DAY) 50 PRODUCTIVITY

STROKES PER MINUTE 8½

LENGTH OF STROKE 54 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS _____

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 6 1997
8-6-97

WITNESSES:

Michael Maier Pit II

FOR STATE FOR OPERATOR FOR OFFSET

STATE OF KANSAS - CORPORATION COMMISSION
PRODUCTION TEST & GOR REPORT

Conservation Division — Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: McCoy X | Lease | Well No. 7-29

County: Ness | Location | Section | Township | Range | Acres

Field | Reservoir | Pipeline Connection

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

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

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: Casing: Tubing: | 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:										
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections: Pipe Taps: Flange Taps:

Orifice Meter Range: 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