

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-129-21257-00-00 R
 Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: MARCH 1, 1995

Company: MOE Hugoton Energy Corp Lease: Voiles Well No.: 1-4

County: Morton Location: NW Section: 04 Township: 33 Range: 43 Acres: _____

Field: Mustang West Reservoir: Keyes Pipeline Connection: _____

Completion Date: 3-5-94 Type Completion (Describe): Single Plug Back T.D.: 5073 Packer Set At: _____

Production Method: _____ Type Fluid Production: oil & water API Gravity of Liquid/Oil: _____

Flowing: (Pumping) Gas Lift _____

Casing Size: 5 1/2 Weight: 15.5 I.D.: _____ Set At: 5073 Perforations: 4955 To: 4960

Tubing Size: 2 3/8 Weight: _____ I.D.: _____ Set At: 4700 Perforations: _____ To: open end slotted

Pretest: _____ Duration Hrs.: _____

Starting Date _____ Time _____ Ending Date _____ Time _____

Test: _____ Duration Hrs.: _____

Starting Date Feb 28, 95 Time 10 00 AM Ending Date MARCH 1, 95 Time 10 00 AM Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size					
Casing: <u>30</u>	Tubing: <u>30</u>	<u>Heater 25</u>							
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	<u>250</u> 300	<u>234170</u>	<u>4</u>	<u>5</u>	<u>88.51</u>	<u>6</u>	<u>11</u>	<u>138.41</u>	<u>31.0</u> <u>50.1</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 In. Water	Pressure In. Merc. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter							
Critical Flow Prover		<u>All</u>	<u>gms</u>	<u>used on location</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 _____ 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 10th day of MARCH, 1995

For Offset Operator: Glen R. Barlow For State: _____ For Company: Gary Zimin

RECEIVED CORPORATION COMMISSION
 MAY 06 1995
 CONSERVATION DIVISION
 MORTON COUNTY

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