

15-093-21285-0000

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 11-9-93

Company: Helmerich & Payne Lease: USA B Well No.: 3

County: Kearny Location: NE NE NE SW Section: 14 Township: 26 Range: 35 Acres:

Field: Pleasant Prairie Reservoir: Lansing F Pipeline Connection: Coastal Derby

Completion Date: 10-8-93 Type Completion (Describe): Single Plug Back T.D.: 4250 Packer Set At: 4200

Production Method: Flowing Pumping Gas Lift Type Fluid Production: Oil + Water API Gravity of Liquid/Oil: 30

Casing Size: 5 1/2 Weight: 15.5 I.D.: Set At: 4246 Perforations: 4129-35 To:

Tubing Size: 2 3/8 Weight: I.D.: Set At: 4177 Perforations: To:

Pretest: Starting Date 11-9-93 Time 9:30 Ending Date 11-10-93 Time 9:30 Duration Hrs. 24

Test: Starting Date 11-9-93 Time 9:30 Ending Date 11-10-93 Time 9:30 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing:	Tubing:								
Bbls./In.	Tank Size	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:		3	11		4	10"		108	
Test:	200 6004	4	8	93.52	5	8	113.56		20
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.	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)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fov)	Chart Factor (Fd)

Gas Prod. MCFD 0 Oil Prod. Bbls./Day: 20 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 10 day of November 1993

For Offset Operator: Richard W. Pacey For State: Mark T. Forsyth For Company: Helmerich & Payne

RECEIVED 19 93
 CORPORATION COMMISSION
 NOV 12 1993
 CONSERVATION DIVISION
 Wichita, Kansas

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 _____