

15-187-20698-00-00

MP

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division
 TYPE TEST: Initial Annual Workover Reclassification TEST DATE: Nov 18+19, 1993
 Company: HARRIS OIL & GAS CO. Lease: MCPHERSON COLLEGE Well No.: 2-27
 County: STANTON Location: NW, NW Section: 27 Township: 29S Range: 39W Acres: _____
 Field: Ulysses SW Reservoir: ST. LOUIS Pipeline Connection: NONE
 Completion Date: 10/30/93 Type Completion (Describe): SINGLE OIL Plug Back T.D.: 5763 Packer Set At: NONE
 Production Method: Pumping Type Fluid Production: OIL/WATER API Gravity of Liquid/Oil: 42.5 @ 60°
 Flowing Casing Size: 5 1/2 Weight: 15 1/2/14 I.D.: _____ Set At: 5789 Perforations: _____ To: 5713-30
 Tubing Size: 2 7/8 Weight: 6.5 I.D.: _____ Set At: 5743 Perforations: _____ To: _____

Pretest: Starting Date Nov 17, 1993 Time 1200 AM Ending Date Nov 18, 1993 Time 1200 AM Duration Hrs.: 24
 Test: Starting Date Nov 18, 1993 Time 1200 AM Ending Date Nov 19, 1993 Time 1200 AM Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	<u>30</u>		Tubing:	<u>30</u>		<u>18</u>				
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
	<u>300</u>	<u>Middle</u>	<u>1</u>	<u>10</u>	<u>36.74</u>	<u>7</u>	<u>6</u>	<u>150.30</u>		<u>113.56</u>
Pretest:	<u>300</u>	<u>South</u>	<u>6</u>	<u>8</u>	<u>133.60</u>	<u>14</u>	<u>6</u>	<u>290.58</u>	<u>3661</u>	<u>156.98</u>
Pretest:	<u>300</u>	<u>South</u>	<u>1</u>	<u>3 1/2</u>	<u>25.88</u>	<u>2</u>	<u>2</u>	<u>43.42</u>		<u>175.4</u>
Test:	<u>300</u>	<u>South</u>	<u>2</u>	<u>2</u>	<u>43.42</u>	<u>14</u>	<u>5 1/2</u>	<u>289.75</u>	<u>3.5661</u>	<u>246.32</u>
Test:	<u>300</u>	<u>Middle</u>	<u>2</u>	<u>2 1/2</u>	<u>44.25</u>	<u>5</u>	<u>3</u>	<u>105.21</u>		<u>60.96</u>

GAS PRODUCTION OBSERVED DATA

307.28

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		Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter			In. Water	In. Merc.	Psig or (Pd)		
Critical Flow Prover			<u>All gages used on location</u>				<u>RECEIVED</u>
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Wichita, Kansas

Coeff. (Fb)(Fp)(CWTC)	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: 307 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 19 day of Nov 1993

For Offset Operator: _____ For State: Gene Hiss For Company: _____

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