

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-185-23187-00-00  
 Form C-5 Rev.

Conservation Division  
 TYPE TEST:  Initial  Annual  Workover  Reclassification TEST DATE: 09/23/03  
 Company: Harris Oil & Gas Company Lease: Drach "C" Well No. 1-18  
 County: Stafford Location: 2160 1300 W Section: 18 Township: 22 Range (E/W): 12 W Acres: 40  
 API Well Number: 15- PNL Reservoir(s): FEL Arbuckle Gas Pipeline Connection  
 Completion Date: Type of Completion (Describe): Plug Back T.D. 3808 Packer Set At

Lifting Method: None Pumping  Gas Lift ESP Type Liquid: Oil & Water API Gravity of Liquid/Oil: 31.4  
 Casing Size: 5 1/2" Weight: 19.5 # LD. 3853 Set At Perforations: 2106.1 To 3266.1  
 Tubing Size: 2 7/8" Weight: LD. 3690 Set At Perforations: To

Pretest: Starting Date: Time: AM/PM Ending Date: Time: AM/PM  
 Test: Starting Date: 09/22/03 Time: 12:45 AM/PM Ending Date: 09/22/03 Time: 12:45 AM/PM

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size			
Casing:	Psig	Tubing:	Psig	Psig	Psig				
Bbls./In.	Stock Tank	Starting Gauge			Ending Gauge			Net API Bbls.	
1.67	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest								65	
Test	200	300128	8	2	163.66	9	0	180.76	16.70
Test									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections (Yes/No)			Orifice Meter Range					Static Pressure:		
Pipe Taps:	Flange Taps:	Differential:								
Type Measuring Device	Entry Size	Orifice Size	Meter-Prover-Tester Pressure					Diff. Press. (h <sub>w</sub> ) or (h <sub>d</sub> )	Gas Gravity (G <sub>g</sub> )	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (P <sub>d</sub> )	%CO <sub>2</sub>	H <sub>2</sub> Sppm			
Orifice Meter										
Critical Flow Prover										
MERLA Well Tester										

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (F <sub>w</sub> ) (F <sub>p</sub> )	Meter-Prover Press. (Psia)(P <sub>w</sub> )	Press. Extension $\sqrt{h_w \cdot P_w}$	Gravity Factor (F <sub>g</sub> )	Flowing Temp. Factor (F <sub>t</sub> )	Deviation Factor (F <sub>pr</sub> )	Sqr. Rt. Chart Factor (F <sub>d</sub> )

Gas Prod. MCFD: 0 Oil Prod. Bbls./Day: 16.70 Gas/Oil Ratio (GOR) = Cubic Feet 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 23 day of September 19 2003

RECEIVED  
 For Offset Operator: SEP 29 2003  
 For Commission: Richard W. Lacey  
 For Company: [Signature]

KCC WICHITA

(Rev. 10/96)

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