

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division Form C-5 Rev.

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 09/23/03

Company Harris Oil + Gas Company Lease Drach "B" Well No. 2-1

County Stafford Location 1000 FSL 1920 FWL Section 1 Township 225 Range (E/W) 13 W Acres

API Well Number 15- Reservoir(s) Arbuckle Gas Pipeline Connection

Completion Date Type of Completion (Describe) single oil Plug Back T.D. 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 15.5 LD. Set At 3828 Perforations 3628 - 3682 To

Tubing Size 2 3/8 Weight LD. Set At 3690 Perforations To

Pretest Starting Date Time AM/PM Ending Date Time AM/PM

Test Starting Date 09/22/03 Time 12:15 AM/PM Ending Date 09/22/03 Time 12:15 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.	
<u>1.67</u>	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest									<u>75</u>	
Test	<u>200</u>	<u>1243</u>	<u>3</u>	<u>5</u>	<u>68.47</u>	<u>4</u>	<u>1</u>	<u>81.83</u>		<u>13.36</u>
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 _w) or (h _d)	Gas Gravity (G _p)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (P _d)	%CO ₂	H ₂ Sppm			
Orifice Meter										
Critical Flow Prover										
MERLA Well Tester										

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (F ₁) (F ₂)	Meter-Prover Press. (P _{1a}) (P _{2a})	Press. Extension $\sqrt{h_w \cdot P_m}$	Gravity Factor (F _g)	Flowing Temp. Factor (F _t)	Deviation Factor (F _{pr})	Sqr. Rt. Chart Factor (F _d)

Gas Prod. MCFD 0 Oil Prod. Bbls./Day. 13.36 Gas/Oil Ratio (GOR) = 0 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 2003

RECEIVED

Richard W. Lacy

Stacy M. Lacy

For Offset Operator

SEP 29 2003

For Commission

For Company

(Rev. 10/96)

KCC WICHITA

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 _____