

STATE OF KANSAS - CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

FORM G-2
8-7-58

15-103-20219-0000

TYPE TEST: Deliverability Open Flow **TEST DATE:** April 10, 1990

COMPANY: Fairway Petroleum, Inc. **LEASE:** Wilkes **WELL NO.:** 1

COUNTY: Leavenworth **LOCATION:** SE SE NE **SECTION:** 26 **TWP:** 7S **RNG:** 21E **ACRES:** 40

FIELD: McLouth **RESERVOIR:** McLouth **PIPELINE CONNECTION:** LAGGS, INC.

COMPLETION DATE: 8/16/83 **PLUG BACK TOTAL DEPTH:** 1528 **PACKER SET AT:**

CASINO SIZE	WT.	I.D.	SET AT	PERF.	TO
		4 1/2"	1528	1400	1414
TUBING SIZE	WT.	I.D.	SET AT	PERF.	TO
		2 3/8"	1435		

TYPE COMPLETION (Describe): Perforation **TYPE FLUID PRODUCTION:** Oil

PRODUCING THRU: 2 3/8" Tubing **RESERVOIR TEMPERATURE F:** 76° **BAR. PRESS - P_a:** 14.4 Psia

GAS GRAVITY - G_g	% CARBON DIOXIDE	% NITROGEN	API GRAVITY OF LIQUID
0.600	.52	4.67	21.9

VERTICAL DEPTH (H): 1528 **TYPE METER CONN.:** None **(METER RUN)(PROVER) SIZE:** 2"

SHUT-IN PRESSURE: SHUT IN April 6, 1990 19 AT (AM)(PM) TAKEN 19 AT (AM)(PM)
 FLOW TEST: STARTED April 8, 1990 19 AT (AM)(PM) TAKEN 19 AT (AM)(PM)

OBSERVED DATA

DURATION OF SHUT-IN 24 HR.

SHUT-IN OR FLOW	ORIFICE SIZE in.	(METER) (PROVER) PRESSURE psig	DIFF. in. (h _w)(h _d)	FLOWING TEMP. t	WELL-HEAD TEMP. t	CASINO WELLHEAD PRESS.		TUBING WELLHEAD PRESS.		DURATION HOURS	LIQUID PROD. Bbls.
						psig	(P _w)(P _i)(P _c) psia	psig	(P _w)(P _i)(P _c) psia		
SHUT-IN						83	97.4			24	
FLOW	.50	45	-----	76	76	45	59.4			1	

RATE OF FLOW CALCULATIONS

COEFFICIENT (P _b)(P _a) / Mcfd	(METER) (PROVER) PRESSURE psia	EXTENSION √P _m h _w	GRAVITY FACTOR P _g	FLOWING TEMP. FACTOR P _L	DEVIATION FACTOR P _{pv}	RATE OF FLOW R Mcfd	GOR	G _m
4.388	59.4	-----	1.2910	0.9843	1.0081	333.9		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

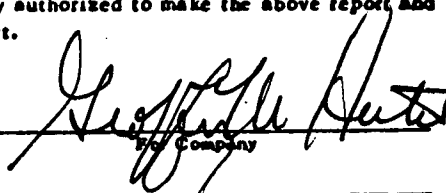
(P_c)² = 9.5 ; (P_w)² = 3.5 ; P_d = _____ % (P_c - 14.4) + 14.4 = _____ ; (P_w)² = 0.207 ; (P_d)² = _____

(P _c) ² - (P _w) ² / (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	[P _c ² - P _w ²] / [P _c ² - P _d ²] / [P _c ² - P _w ²]	LOG []	"n"	n x LOG []	ANTILOG	OPEN FLOW DELIVERABILITY EQUALS R x ANTILOG Mcfd
	6.0			0.85			518.1

OPEN FLOW 518.1 Mcfd @ 14.65 psia DELIVERABILITY Mcfd @ 14.65 psia

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 April, 1990.



 Checked by

Witness (if any) _____
 Conservation Division
 Wichita, Kansas