

STATE OF KANSAS - CORPORATION COMMISSION

15-181-20050-0000

FORM G-2
8-7-58

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Water 0.

TYPE TEST: Deliverability Open Flow TEST DATE: 6-14-82

COMPANY Centennial Energy LEASE Pinkney WELL NO. 2-32

COUNTY Sherman LOCATION SE⁴ SECTION 32 TWP 7 RNO 38 ACRES

FIELD Woodland Gas RESERVOIR Aikara PIPELINE CONNECTION Kans Trib Nat Gas

COMPLETION DATE 7-16-79 PLUG BACK TOTAL DEPTH 985 PACKER SET AT

CASING SIZE 2 7/8 WT. I.D. SET AT 982 PERF. 938 TO 978

TUBING SIZE WT. I.D. SET AT PERF. TO

TYPE COMPLETION (Describe) Single gas TYPE FLUID PRODUCTION

PRODUCING THRU casing RESERVOIR TEMPERATURE F BAR. PRESS - P_a 14.4 Psia

GAS GRAVITY - G_g .610 % CARBON DIOXIDE % NITROGEN API GRAVITY OF LIQUID

VERTICAL DEPTH (ft) TYPE METER CONN. (METER RUN) (FLOWER) SIZE

SHUT-IN PRESSURE: SHUT IN 6-14 82 AT (AM)(PM) TAKEN 6-17 82 AT (AM)(PM)

FLOW TEST: STARTED 6-18 82 AT (AM)(PM) TAKEN 6-19 82 AT (AM)(PM)

OBSERVED DATA

DURATION OF SHUT-IN 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	CASING 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						44.7	59.1				
FLOW	4.13	12.3	10.0			12.8	27.2				

RATE OF FLOW CALCULATIONS

COEFFICIENT (F _p)(F _d) Mcfd	(METER) (PROVER) PRESSURE psia	EXTENSION $\sqrt{P_m h_w}$	GRAVITY FACTOR F _g	FLOWING TEMP. F _t	DEVIATION FACTOR F _{pv}	RATE OF FLOW R Mcfd	GOR	Q _m
.8280	26.7	16.340	1.280	1.000	1.000	17.0		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = 3.49, (P_w)² = .74, P_d = _____ % (P_c - 14.4) + 14.4 = _____ (P_w)² = 0.207 (P_d)² = _____

(P _c) ² - (P _w) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	$\frac{P_c^2 - P_w^2}{P_c^2 - P_w^2}$	LOG []	"n"	n x LOG []	ANTILOG	OPEN FLOW DELIVERABILITY EQUALS R x ANTILOG Mcfd
3.29	2.75	1.1964	.0779	.718	.0559	1.1374	19

OPEN FLOW 19 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 _____ day of _____, 1982.

Witness (if any)
Olyse Wiley
For Commission

* assumed slope

STATE RECEIVED
CORPORATION COMMISSION
JUL 1 1982
CONSERVATION DIVISION
Wichita, Kansas
For Company

Checked by