

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

FORM O-3
 8-7-58
 15-181-20039-0000

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

COMPANY: Centennial Energy LEASE: Glasco WELL NO.: 3-31-1-31

COUNTY: Sherman LOCATION: SE 4 SECTION: 31 TWP: 7 RANG: 38 ACRES:

FIELD: Goodland Gas RESERVOIR: Diopara PIPELINE CONNECTION: Kans Tub Nat Gas

COMPLETION DATE: 11-19-73 FLUG BACK TOTAL DEPTH: 1020 PACKER SET AT:

CASING SIZE: 4 1/2 WT. I.D. SET AT: 918 PERF. TO: open hole

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_s: 14.4 Psia

GAS GRAVITY - G_e: .581 % CARBON DIOXIDE % NITROGEN API GRAVITY OF LIQUID:

VERTICAL DEPTH (H): TYPE METER CONN.: fly (METER RUN) (PROVER) SIZE: 2"

SHUT-IN PRESSURE: SHUT IN: 6-14 1982 AT (AM)(PM) TAKEN: 6-17 1982 AT (AM)(PM)
 FLOW TEST: STARTED: 6-18 1982 AT (AM)(PM) TAKEN: 6-19 1982 AT (AM)(PM)

OBSERVED DATA

SHUT-IN OR FLOW	ORIFICE SIZE In.	(METER) (PROVER) PRESSURE psig	DIFF. In. (h _w)(h _d)	FLOWING TEMP. t	WELL-HEAD TEMP. t	CASENO 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						34.2	48.6			RECEIVED	
FLOW	.750	19.0	17.5			19.5	33.9			STATE CORPORATION COMMISSION	

MAY 16 1983

RATE OF FLOW CALCULATIONS

COEFFICIENT (F ₁)(F ₂) Mcfd	(METER) (PROVER) PRESSURE psia	EXTENSION $\sqrt{P_m h_w}$	GRAVITY FACTOR G _s	FLOWING TEMP. F _L	DEVIATION FACTOR F _{pv}	RATE OF FLOW R Mcfd	CONSERVATION DIVISION	
							GOR	Q _m
2.779	33.4	24.176	1.312	1.000	1.000	88	Wichita, Kansas	

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = 8.36; (P_w)² = 1.15; P_d = _____ % (P_c - 14.4) + 14.4 = _____ (P_w)² = 0.207 (P_d)² = _____

$\frac{(P_c)^2 - (P_w)^2}{(P_c)^2 - (P_d)^2}$	$\frac{(P_c)^2 - (P_w)^2}{(P_c)^2 - (P_w)^2}$	$\frac{P_c^2 - P_w^2}{P_c^2 - P_w^2}$	LOG []	n	n x LOG []	ANTILOG	OPEN FLOW DELIVERABILITY EQUALS R x ANTILOG Mcfd
2.06	1.21	1.7075	.2311	.718	.1659	1.4653	129

OPEN FLOW: 129 Mcfd @ 14.65 psia DELIVERABILITY: 129 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 _____, 19____.

Witness (if any):

 For Commission

* assumed slope

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

Checked by

J-W OPERATING COMPANY

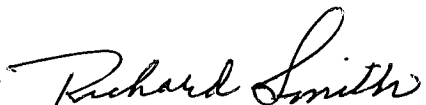
P. O. BOX 305

WRAY, COLORADO 80758

Oil and Gas Property Management

303 332-4123

April 27, 1983



~~Clyde~~ Wiley, Jr.
Kansas Corporation Commission
Box 636
Lakin, Kansas 67860

Dear Clyde:

RE: Centennial Energy Company
Glasco #3-31
SW/4, Section 31, T7S, R39W
Goodland Gas Field
Sherman County, Kansas

In reviewing the well files, it has been discovered that the Deliverability Test performed on the above-mentioned well on 6/14/82 was actually done on the Glasco #1-31 located in the SE/4 of Section 31, T7S, R39W, Goodland Gas Field, Sherman County, Kansas.

A copy of the test is enclosed with the corrections made. The only changes being the well name and the quarter section.

Would you please make the necessary changes with the Kansas Corporation Commission.

Very truly yours,

J-W OPERATING COMPANY



Roger DeMuth
Construction Superintendent

RCD/rh

Attachment

cc: Dave Hoeft
MDW
Glasco #1-31 well file
Glasco #3-31 well file

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CONSERVATION DIVISION
Wichita, Kansas