

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

Water 0

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

COMPANY: Continental Energy Corp LEASE: Cress WELL NO.: 1-5

COUNTY: Sherman LOCATION: SE 4 SECTION: 5 TWP: 8 RNG: 38 ACRES: 38

FIELD: Woodhead Gas RESERVOIR: Nispora PIPELINE CONNECTION: Kans Hep Nat Gas

COMPLETION DATE: 12-11-79 PLUG BACK TOTAL DEPTH: 940 PACKER SET AT: _____

CASING SIZE: 4 1/2 WT. _____ I.D. _____ SET AT: 838 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_a: 14.4 Psia

GAS GRAVITY - G_g: .596 % CARBON DIOXIDE _____ % NITROGEN _____ API GRAVITY OF LIQUID _____

VERTICAL DEPTH (H) _____ TYPE METER CONN.: flg. (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

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						41.6	56.0				
FLOW	250	7.0	8.0			7.2	21.6				

RATE OF FLOW CALCULATIONS

COEFFICIENT (F _p)(F _d) Mcfd	(METER) (PROVER) PRESSURE psia	EXTENSION $\sqrt{P_m \times h_w}$	GRAVITY FACTOR F _g	FLOWING TEMP. FACTOR F _t	DEVIATION FACTOR F _{pv}	RATE OF FLOW R Mcfd	GOR	Q _m
.3067	21.4	13.084	1.295	1.000	1.000	5.2		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = 3.14; (P_w)² = .46; P_d = _____ % (P_c - 14.4) + 14.4 = _____ (P_d)² = _____

$\frac{(P_c)^2 - (P_w)^2}{(P_c)^2 - (P_d)^2}$	(P _c) ² - (P _w) ²	$\frac{P_c^2 - P_w^2}{P_c^2 - P_d^2}$	LOG []	"n"	"n" x LOG []	ANTILOG	OPEN FLOW DELIVERABILITY EQUALS R x ANTILOG Mcfd
2.94	2.68	1.0970	.0402	.718	.0289	1.087	6

OPEN FLOW 6 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 _____, 19____.

Witness (if any)
Plyde Wiley
For Commission

Assumed slope

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