STATE OF KANSAS — CORPORATION COMMISSION

FORM C-8
8-7-53

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

TYPE TEST: [X] Deliverability [ ] Open Flow TEST DATE: 11-12-87 15-119-20763-00-00

COMPANY	LEASE	WELL NO.
Zinke & Trumbo, Ltd.	MATHEWS	[redacted]6

COUNTY	LOCATION	SECTION	TWP	RNG	ACRES
Meade	1100' FNL - 660' FEL	16	35S	26W	

FIELD	RESERVOIR	PIPELINE CONNECTION
McKinney	Morrow	Enron Gas

COMPLETION DATE	PLUG BACK TOTAL DEPTH	PACKER SET AT
10-7-87	6185	5990

CASING SIZE	WT.	I.D.	SET AT	PERF.	TO
5½"	15.5#		6490	Morrow	5967-5970'

TUBING SIZE	WT.	I.D.	SET AT	PERF.	TO
2-7/8"	6.5#		5990	Chester	6004-6008'; 6055-6094'

TYPE COMPLETION (Describe)	TYPE FLUID PRODUCTION	
Dual - gas	water - condensate	

PRODUCING THRU	RESERVOIR TEMPERATURE °F	BAR. PRESS - P_a
Tubing	147° @ 5968'	14.4 Psia

GAS GRAVITY - G_g	% CARBON DIOXIDE	% NITROGEN	API GRAVITY OF LIQUID
.6494	.245	.784	66°

VERTICAL DEPTH (H)	TYPE METER CONN.	(METER RUN) (PROVER) SIZE
5968'	Flange	3"

SHUT-IN PRESSURE: SHUT IN 11-9 19 87 AT 10:20 (AM) (PM) TAKEN 11-12 19 87 AT 10:00 (AM) (PM)

FLOW TEST: STARTED 11-12 19 87 AT 11:30 (AM) (PM) TAKEN 11-13 19 87 AT 11:00 (AM) (PM)

* Calculated on assumed slope

OBSERVED DATA

DURATION OF SHUT-IN ____ HR.

SHUT-IN OR FLOW	ORIFICE SIZE In.	(METER) (PROVER) PRESSURE psig	DIFF. In. (h_w or h_d)	FLOWING TEMP. t	WELL-HEAD TEMP. t	CSG. WELLHEAD PRESS. psig	CSG. WELLHEAD PRESS. (P_w)(P_t)(P_c) psia	TBG. WELLHEAD PRESS. psig	TBG. WELLHEAD PRESS. (P_w)(P_t)(P_c) psia	DURATION HOURS	LIQUID PROD. Bbls.
SHUT-IN						1303	1317.4	1300	1314.4	72	
FLOW	1.250	387	14	.98		835	849.4	665	679.4	23½	1.33

RATE OF FLOW CALCULATIONS

COEFFICIENT (F_b)(F_p) Mcfd	(METER) (PROVER) PRESSURE psia	EXTENSION $\sqrt{P_m x h_w}$	GRAVITY FACTOR F_g	FLOWING TEMP. FACTOR F_t	DEVIATION FACTOR F_{pv}	RATE OF FLOW R Mcfd	GOR	O_m
7.771	401.4	74.96	1.241	.9653	1.032	720	541.35	

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2$: 1735.5 ; $(P_w)^2$: 721.5 ; F_d = .644 % ; $(P_c - 14.4) + 14.4 =$ 1317.4 ; $(P_a)^2$=0.207 $(P_w)^2$=

$(P_c)^2-(P_a)^2$ or $(P_c)^2-(P_d)^2$	$(P_c)^2-(P_w)^2$	$\frac{P_c^2-P_a^2}{P_c^2-P_d^2}$ / $\frac{P_c^2-P_w^2}{P_c^2-P_w^2}$	LOG [ ]	* "n"	n x LOG [ ]	ANTILOG	OPEN FLOW DELIVERABILITY EQUALS R x ANTILOG Mcfd
1735.3	1014.0	1.7113412	.2333366	.850	.1983361	1.5788327	1137

OPEN FLOW 1137 Mcfd @ 14.65 psia DELIVERABILITY Mcfd @ 14.65 psia

RECEIVED
STATE CORPORATION COMMISSION
AUG 31 1989
8-31-1989
CONSERVATION DIVISION
Wichita, Kansas

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 AUG 31 1989, 19__.

Witness (If any)

For Company

For Commission

Checked by

Please List with G2's use

KS
6-24-15

Thank You
Nancy