STATE OF KANSAS -- CORPORATION COMMISSION

FORM G-2
8-7-58

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

15-091-21668-0000

TYPE TEST: ☐ Deliverability ☒ Open Flow TEST DATE: 1/4/89

COMPANY	LEASE	WELL NO.
OLATHE JOINT VENTURE R.J.Baudendistel	Baudendistel	#4

COUNTY	LOCATION	SECTION	TWP	RNG	ACRES
Johnson	2454'fsl 990'fel	NW,NE,SE 8	14S.	23E	40

FIELD	RESERVOIR	PIPELINE CONNECTION
Olathe	Bartlesville Sd.	Brock Explrtn,Inc.(Cottonwood J.V.)

COMPLETION DATE	PLUG BACK TOTAL DEPTH	PACKER SET AT
3/7/86		800ft

CASING SIZE	WT.	I.D.	SET AT	PERF.	TO
2 7/8"		2 1/2"	800 ft	open hole to 830ft	

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

RECEIVED
STATE CORPORATION COMMISSION
JAN 9 1989
01-09-89
CONSERVATION DIVISION
Wichita, Kansas

TYPE COMPLETION (Describe)	TYPE FLUID PRODUCTION	
single gas	dry- traces of salt water	

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

GAS GRAVITY - G_g	% CARBON DIOXIDE	% NITROGEN	API GRAVITY OF LIQUID
.5763	.77%	3.56%	

VERTICAL DEPTH (H)	TYPE METER CONN.	(METER RUN)(PROVER) SIZE
815	flange	2"

SHUT-IN PRESSURE: SHUT IN 1/3/ 19 89 AT 5:10 (AM)(PM) TAKEN 1/4 19 89 AT 8:20 (AM)(PM)

FLOW TEST: STARTED 1/4/ 19 89 AT 8:23 (AM)(PM) TAKEN 1/4 19 89 AT 8:52 (AM)(PM)

OBSERVED DATA

DURATION OF SHUT-IN 15.2 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. psig	CASING WELLHEAD PRESS. $(P_w)(P_t)(P_c)$ psia	TUBING WELLHEAD PRESS. psig	TUBING WELLHEAD PRESS. $(P_w)(P_t)(P_c)$ psia	DURATION HOURS	LIQUID PROD. Bbls.
SHUT-IN	----	107					121.65			15.2	*
FLOW		67		@60°			81.65			.5	fluid in hol shut-in

RATE OF FLOW CALCULATIONS *-tried to blow before test/soa

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	Q_m
.2716	81.65		1.318	1.000	1.005	29.37	NOTE-	Table III for orifice well tester shows 34.9mc

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2$= 14,798.7 ; $(P_w)^2$= 6,666.7 ; P_d= ____ % ; $(P_c - 14.4) + 14.4$ = ____ ; $(P_d)^2$= $(P_w)^2$=0.207

$(P_c)^2-(P_a)^2$ or $(P_c)^2-(P_d)^2$	$(P_c)^2-(P_w)^2$	$\frac{P_c^2-P_a^2}{P_c^2-P_d^2}$ / $\frac{P_c^2-P_a^2}{P_c^2-P_w^2}$	LOG [ ]	"n"	n x LOG [ ]	ANTILOG	OPEN FLOW DELIVERABILITY EQUALS R x ANTILOG Mcfd
14,584.1	8,132	1.7934		1.0		1.7934	52.7

OPEN FLOW 52.7 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 5TH day of JANUARY, 1989.

Gary P. Glenn
Witness (if any)

James F. Stegeman
For Company

For Commission

GARY P. GLENN
STATE OF KANSAS
My Appt. Exp. 1-28-92

Checked by