

STATE OF KANSAS - CORPORATION COMMISSION

FORM G-3
8-7-58

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST 15-087-20194-0000

29
4-17-86

TYPE TEST: Deliverability Open Flow TEST DATE: 3/22/86

COMPANY Reese Exploration LEASE James Kimmel WELL NO. 1-85

RCW
04-17-86

COUNTY Jefferson LOCATION W 1/2 NE, NE SECTION 2 TWP 10 RNG 19E ACRES N/A

FIELD McLouth Northwest RESERVOIR McLouth Sand PIPELINE CONNECTION Vanguard

COMPLETION DATE 8-31-85 PLUG BACK TOTAL DEPTH 1575' PACKER SET AT None

CASING SIZE 4 1/2" WT. L.D. SET AT 1570' PERF. TO 1515' TO 1525'

TUBING SIZE N/A WT. L.D. SET AT PERF. TO

TYPE COMPLETION (Describe) Single (Gas) TYPE FLUID PRODUCTION Saltwater

PRODUCING THRU Casing RESERVOIR TEMPERATURE F BAR. PRESS - P_s
14.4 Psia

GAS GRAVITY - Q_g % CARBON DIOXIDE % NITROGEN API GRAVITY OF LIQUID

.576 TYPE METER CONN. Flange (METER RUN) (PROVER) SIZE 2"

SHUT-IN PRESSURE: SHUT IN _____ 19 _____ AT _____ (AM)(PM) TAKEN _____ 19 _____ AT _____ (AM)(PM)

FLOW TEST: STARTED _____ 19 _____ AT _____ (AM)(PM) TAKEN _____ 19 _____ 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	CASINO 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						476	490.4	—		72	
FLOW	.750			90		97	111.4	—		24	

RATE OF FLOW CALCULATIONS

COEFFICIENT (P _w) ² / (P _c) ² Modd	(METER) (PROVER) PRESSURE psia	EXTENSION √P _m h _w	GRAVITY FACTOR F _g	FLOWING TEMP. FACTOR F _L	DEVIATION FACTOR F _{pv}	RATE OF FLOW R Modd	GOR	Q _m
224.9			1.318	.9723		1181	N/A	.576

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = 240.5 (P_w)² = 12.4 P_d² = _____ % (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 Modd
240.3	228.1	1.0535	0.0226	0.718	0.01623	1.038	1226

OPEN FLOW 1226 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 11th day of April, 1986.

Witness (if any) _____ For Commission _____
For Company _____
Checked by _____