

15-119-20248-0000
 FORM G-2
 RECEIVED 5-7-58
 5-2303

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

MAY 13 1983

TYPE TEST: Deliverability Open Flow TEST DATE: 4-26-83

COMPANY: Mesa Petroleum Co. LEASE: Barragree WELL NO.: 1-25 AMARILLO PRODUCTION

COUNTY: Meade LOCATION: 25 TWP: 4S 34S RNG: 29W ACRES: ANB KC

FIELD: Morrow PIPELINE CONNECTION: KP&L

COMPLETION DATE: PLUG BACK TOTAL DEPTH: 5988 - 6082 PACKER SET AT: 5988 - 6082

CASINO SIZE: 5 1/2 WT.: I.D.: SET AT: 6379 PERF.: 5924 - 5960 TO

TUBING SIZE: 1 1/4 WT.: 2.4 I.D.: 1.380 SET AT: 5850 PERF.: TO

TYPE COMPLETION (Describe): Triple (gas) TYPE FLUID PRODUCTION: RESERVOIR TEMPERATURE F: 127 BAR. PRESS - P_a: 14.4 Psia

PRODUCING THRU: Tubing % CARBON DIOXIDE: % NITROGEN: API GRAVITY OF LIQUID:

GAS GRAVITY - G_g: .698

VERTICAL DEPTH (H): 5850 TYPE METER CONN.: Pipe (METER RUN)(PROVER) SIZE: 4.026

SHUT-IN PRESSURE: SHUT IN 4-23 19 83 AT 8:00 (AM) TAKEN 4-26- 19 83 AT 11:00 (AM) XX
 FLOW TEST: STARTED 4-26- 19 83 AT 11:00 (AM) TAKEN 4-27- 19 83 AT 9:00 (AM) XX

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 _t)(P _c) psia	psig	(P _w)(P _t)(P _c) psia		
SHUT-IN								372	386.4	72	-0-
FLOW	.500	50	10					58	72.4	24	-0-

RATE OF FLOW CALCULATIONS

COEFFICIENT (F _b)(F _d) Mcfd	(METER) (PROVER) PRESSURE psia	EXTENSION $\sqrt{P_m \times h_w}$	GRAVITY FACTOR F _g	FLOWING TEMP. F _t	DEVIATION FACTOR F _{pv}	RATE OF FLOW R Mcfd	STATE CORPORATION COMMISSION G _m
1.228	64.4	25.38	1.197	1.000	1.008	38	RECEIVED MAY 23 1983 CONSERVATION DIVISION Wichita Kansas

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = 149.3 ; (P_w)² = 5.2 ; P_d = _____ % (P_c - 14.4) + 14.4 = _____ ; (P_a)² = 0.207 ; (P_d)² = _____

$\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_d)^2}$	$(P_c)^2 - (P_w)^2$	$\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2}$	LOG []	"n"	n x LOG []	ANTILOG	OPEN FLOW DELIVERABILITY EQUALS R x ANTILOG Mcfd
149.1	144.1	1.0347	.0148137	1.000	.0148137	1.0347	39

OPEN FLOW 39 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 10 day of May, 1983.
 Copy to KCC (O+D) City, LMC, HFG, TLD, DKC, D+M, MC + P.

 Witness (if any)

 For Company

 Checked by