

15-181-20127-00-00

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

FORM O-2
8-7-58
Pg
P

TYPE TEST: Deliverability Open Flow TEST DATE:

COMPANY: CEBULA LEASE: CEBULA WELL NO.: 1-15

COUNTY: _____ LOCATION: _____ SECTION: _____ TWP: _____ RNG: _____ ACRES: _____

FIELD: _____ RESERVOIR: _____ PIPELINE CONNECTION: _____

COMPLETION DATE: _____ PLUG BACK TOTAL DEPTH: _____ PACKER SET AT: _____

CASING SIZE: _____ WT. I.D. SET AT _____ PERF. TO _____

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

TYPE COMPLETION (Describe): _____ TYPE FLUID PRODUCTION: _____

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

GAS GRAVITY - G_g: 0.5827 % CARBON DIOXIDE: _____ % NITROGEN: _____ API GRAVITY OF LIQUID: _____

VERTICAL DEPTH (H): _____ TYPE METER CONN.: F (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	CASING 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						18.0	32.4				
FLOW	1.500	13.7	1.2	60		14.0	28.4				

RATE OF FLOW CALCULATIONS

COEFFICIENT (F _p)(F _d) Mcfd	(METER) (PROVER) PRESSURE psia	EXTENSION $\sqrt{P_m h_w}$	GRAVITY FACTOR F _g	FLOWING TEMP. FACTOR F _L	DEVIATION FACTOR F _{pv}	RATE OF FLOW R Mcfd	STATE OF KANSAS CORPORATION COMMISSION
1.219	28.1	5.81	1.31	1.0	1.011	9.38	RECEIVED 6-1-57 CONSERVATION DIVISION Wichita, Kansas

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = 1049.76 (P_w)² = 806.56 P_d = _____ % (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 Mcfd
842.40	243.20	3.464	.5396	.85	.4587	2.875	26.97

OPEN FLOW 27 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)
Dale F. Baithazor
For Commission

For Company

Checked by