

15-181-20127-00-00  
 STATE OF KANSAS - CORPORATION COMMISSION  
 ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

P. 191 12  
 3-3-83  
 FORM G-2  
 8-7-58

TYPE TEST:  Deliverability  Open Flow TEST DATE: 2-5-83

COMPANY: Centennial DEWASE: Debula WELL NO.: 1-15

COUNTY: Sherman LOCATION: Sw 4 15 SECTION: 8 TWP: 29 RANG: 29 ACRES:

FIELD: Reservoir: PIPELINE CONNECTION:

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

CASINO 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<sub>a</sub>

Casing 14.4 Psia

GAS GRAVITY - G<sub>g</sub> % CARBON DIOXIDE % NITROGEN API GRAVITY OF LIQUID

.585

VERTICAL DEPTH (H) TYPE METER CONN. (METER RUN)(PROVER) SIZE

2" flc

SHUT-IN PRESSURE: SHUT IN 2-5 1983 AT (AM)(PM) TAKEN 2-9 1983 AT (AM)(PM)

FLOW TEST: STARTED 2-8 1983 AT (AM)(PM) TAKEN 2-9 1983 AT (AM)(PM)

OBSERVED DATA DURATION OF SHUT-IN HR.

SHUT-IN OR FLOW	ORIFICE SIZE in.	(METER) (PROVER) PRESSURE psig	DIFF. in. (h <sub>w</sub> )(h <sub>d</sub> )	FLOWING TEMP. t	WELL-HEAD TEMP. t	CASINO WELLHEAD PRESS.		TUBING WELLHEAD PRESS.		DURATION HOURS	LIQUID PROD. Bbls.
						psig	(P <sub>w</sub> )(P <sub>i</sub> )(P <sub>c</sub> ) psia	psig	(P <sub>w</sub> )(P <sub>i</sub> )(P <sub>c</sub> ) psia		
SHUT-IN						17.2	31.6				
FLOW	.750	13.5	.50			13.7	28.1				

RATE OF FLOW CALCULATIONS

COEFFICIENT (F <sub>c</sub> )(F <sub>d</sub> ) Mcfd	(METER) (PROVER) PRESSURE psia	EXTENSION $\sqrt{P_m \times h_w}$	GRAVITY FACTOR F <sub>g</sub>	FLOWING TEMP. FACTOR F <sub>t</sub>	DEVIATION FACTOR F <sub>pv</sub>	RATE OF FLOW R Mcfd	GOR	G <sub>m</sub>
2.779	27.9	3.735	1.307	1.000	1.000	13.5		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P<sub>c</sub>)<sup>2</sup> = 999; (P<sub>w</sub>)<sup>2</sup> = 790; P<sub>d</sub> = \_\_\_\_\_ % (P<sub>c</sub> - 14.4) + 14.4 = \_\_\_\_\_ (P<sub>w</sub>)<sup>2</sup> = 0.207 (P<sub>d</sub>)<sup>2</sup> = \_\_\_\_\_

$\frac{(P_c)^2 - (P_w)^2}{(P_c)^2 - (P_d)^2}$	$(P_c)^2 - (P_w)^2$	$\frac{P_c^2 - P_w^2}{P_c^2 - P_d^2}$	LOG [ ]	"n"	"n" x LOG [ ]	ANTILOG	OPEN FLOW DELIVERABILITY EQUALS R x ANTILOG Mcfd
.799	.209	3.8230	.5824	.718*	.4182	2.6192	35

OPEN FLOW 35 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\_\_\_\_.

WITNESSED "x" •

Witness (if any) \_\_\_\_\_  
 For Commission

STATE CORPORATION COMMISSION  
 RECEIVED  
 FEB 28 1983  
 CONSERVATION DIVISION  
 For \_\_\_\_\_, Kansas  
 Checked by \_\_\_\_\_