

ONE-POINT BACK-PRESSURE TEST  
STATE OF KANSAS

2-18719-00

TYPE TEST: ANNUAL

TEST DATE: ~~2-18-00~~

PRODUCER: CLX ENERGY, INC.

LEASE: ACRES

WELL NO: #3

COUNTY: COMANCHE

LOCATION: SW NW NE/4

SEC-TWP-RNG: 21-32S-18W

API # 15-033-21045000  
FIELD: NESCATUNGA

RESERVOIR: PAWNEE

PL CONN: KGS

COMPLETION DATE: 2-10-00

PBTD: 5208

PACKER SET AT: 5035

CSNG OD: 5.500

WT: 15.50

ID: 4.950

SET AT: 5208

PERF: 5050- 5068

TBNG OD: 2.375

WT: 4.70

ID: 1.995

SET AT: 5035

PERF: OPEN- OPEN

TYPE COMPLETION: SINGLE

TYPE FLUID PROD: GAS

PRODUCING THRU: TUBING

RESERVOIR TEMPERATURE: 128.

GAS GRAVITY: .6480

VERTICAL DEPTH: 5059.

METER SIZE: 3

TYPE METER CONNECTION: FLA

DURATION OF SHUT-IN: 72 HRS

RMKS: NA

OBSERVED DATA							
RATE NO	ORIFICE SIZE	METER PRESSURE	DIFF (HW)	FLOW TEMP	WHD TEMP	WELLHEAD PRESSURE	DURATION (HOURS)
SHUT-IN						1553.0	
1	2.250	278.0	5.0	45.	65.	1500.0	.00

RATE OF FLOW CALCULATIONS						
RATE NO	COEFF MCFD	EXTEN SION	SP GR FACTOR	FL TEMP FACTOR	DEV FACTOR	RATE OF FLOW
1	29.5200	38.2	1.242	1.0147	1.033	1470.

PRESSURE CALCULATIONS (FRICTION CALCLATED						GMIX GRAVITY: .648)
RATE NO	PC PSIA	PW PSIA	PC2 THOUS	PW2 THOUS	DP THOUS	
1	1567.4	1525.0	2456.7	2325.7	131.1	

PD2: 1579.5      N: .9729

ACTUAL OPEN FLOW: 25450. MCFD

DELEIVERABILITY: 9345. MCFD

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CONSERVATION DIVISION  
Wichita, Kansas



ORIGINAL

WORK SHEET FOR CALCULATING EQUIVALENT STATIC WELLHEAD PRESSURE FORM WS-1  
01 SE ACRES WELL NO. #3 DATE 2-18-00

FIELD NESCATUNGA COUNTY COMANCHE

%CO2 .00 GM .65 PCR 670.0 TCR 374.4 FLOW STRING 5.500  
%N2 .0 H 5059.0 GMH 3278. L/H 1.000 I.D. 1.995

LINE		RATE 1	RATE 2	RATE 3	RATE 4	RATE 5	RATE 6	RATE 7	RATE 8
1.	QM	1.470							
2.	TW	525.							
3.	TS	588.							
4.	TE	556.5							
5.	ZE	.791							
5A.	TEZE	440.0							
6.	GM H/TE ZE	7.450							
7.	ES	1.322							
8.	1-E -S	.244							
9.	PT OR PC	1514.4							
10.	PT2 OR PC2	2293.4							
11.	FC	9.599							
12.	F1	7.822							
1	F1 QM	11.50							
14.	Y	132.3							
15.	R2=Y(1-E-S)	32.2							
16.	PW2=PT2 R2	2325.7							
17.	PS2=ES PW2	3075.2							
18.	PS OR PF	1753.6							
19.	PE	1634.01							
20.	PR	2.44							
21.	TR	1.486							
22.	ZE	.791							

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