

GENERAL INFORMATION

Client Information:

Company: Samuel Gary Jr & Associates

Contact: Tom Fertal

Site Information:

Contact: Tom Larson

Well Information:

Name: Swisher 26-3

Location-Downhole: NE NW 26-32s-19w Comanche co Kansas

Test Information:

Company: Trilobite Testing, Inc

Representative: Paul Simpson

Supervisor:

Test Type: Initial 4 pt

Test Unit:

Start Date: 2000/10/27 Start Time: 10:45:00

End Date: 2000/10/24 End Time: 13:50:00

1pt. _____

4pt. 295

Gas Analysis 60

Mileage

40.5 @.85 34.43

Total 389.43

BHP buildup

days@250 _____

2nd Week _____

3rd Week _____

4th Week _____

Remarks:

10-27 Miles 40.5 Paul

KANSAS CORPORATION COMMISSION
MULTIPOINT BACK PRESSURE TEST

FORM G-1
8-7-58

TYPE TEST: ☒ Initial ☐ Annual ☐ Special		TEST DATE: 10/27/2000	
COMPANY Samuel Gary Jr. & Associates		LEASE Swisher	
		WELL NO. 26-3	
COUNTY Comanche	LOCATION NE NW	SECTION 26-32s-19w	TWP RNG ACRES 160
FIELD Colter Northwes		RESERVOIR Missippian	
PIPELINE CONNECTION			
COMPLETION DATE	PLUG BACK DEPTH 5237	PACKER SET AT	
	TOTAL DEPTH 5280		
CASING SIZE	WT. 5.500	ID 4.950	SET AT 5152
	15.500		TO 5192
TUBING SIZE	WT. 2.375	ID 1.995	SET AT PERF. TO
	4.700		
TYPE COMPLETION (Describe)		TYPE FLUID PRODUCTION	
PRODUCING THRU (Annulus/Tubing) tubing		RESERVOIR TEMPERATURE F BAR PRESS - Pa 14.4 psia	
GAS GRAVITY - Gg .601	% CARBON DIOXIDE .207	% NITROGEN 1.231	API GRAVITY OF LIQUID
VERTICAL DEPTH (H) 5172	TYPE METER CONN. flange		METER RUN SIZE 2.070
REMARKS			

OBSERVED SURFACE DATA

RATE NO.	ORIFICE SIZE in.	(METER) PRESSURE psig	DIFF. (h _w) (h _t)	FLOWING TEMP. t.	WELLHEAD 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						895	909	895	909	72.00	
1.	1.000	104.00	10.00	60		865	879	865	879	1.00	
2.	1.000	100.00	21.00	60		795	809	794	808	1.00	
3.	1.000	110.00	28.00	60		712	726	710	724	1.00	
4.											

FLOW STREAM ATTRIBUTES

RATE NO.	COEFFICIENT (F _b) Mcfd	(METER) PRESSURE psia	EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR Fg	FLOWING TEMP FACTOR Ft	DEVIATION FACTOR Fpv	RATE OF FLOW Q Mcfd	GOR	G _m
1.	5.070	118.4	34.41	1.2899	1.0000	1.0094	227		.601
2.	5.073	114.4	49.01	1.2899	1.0000	1.0091	323		.601
3.	5.073	124.4	59.02	1.2899	1.0000	1.0099	390		.601
4.									

PRESSURE CALCULATION

RATE NO.	P _t psia	P _c psia	P _w psia	(P _c) ² Thousands	(P _w) ² Thousands	PLOTING POINTS		% SHUT-IN 100 $\left[\frac{P_w - P_a}{P_c - P_a} \right]$
						(P _c) ² - (P _w) ² Thousands	Q Mcfd	
1.	879.4	909.4	879.4	827.0	773.3	53.7	227.1	96.6
2.	808.4	909.4	809.4	827.0	655.1	171.9	323.6	88.8
3.	724.4	909.4	726.4	827.0	527.7	299.4	390.0	79.6
4.		909.4		827.0		827.0		

INDICATED WELLHEAD OPEN FLOW

Mcfd @ 14.65 psia

"n" =

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 herein and that said report is true and correct. Executed this the _____ day of _____, 19 _____

Witness (if any)

For Company

For Commission

Checked by

GAS WELL BACK PRESSURE CURVE

WELL TESTER:

TEST DATE: 10/27/2000

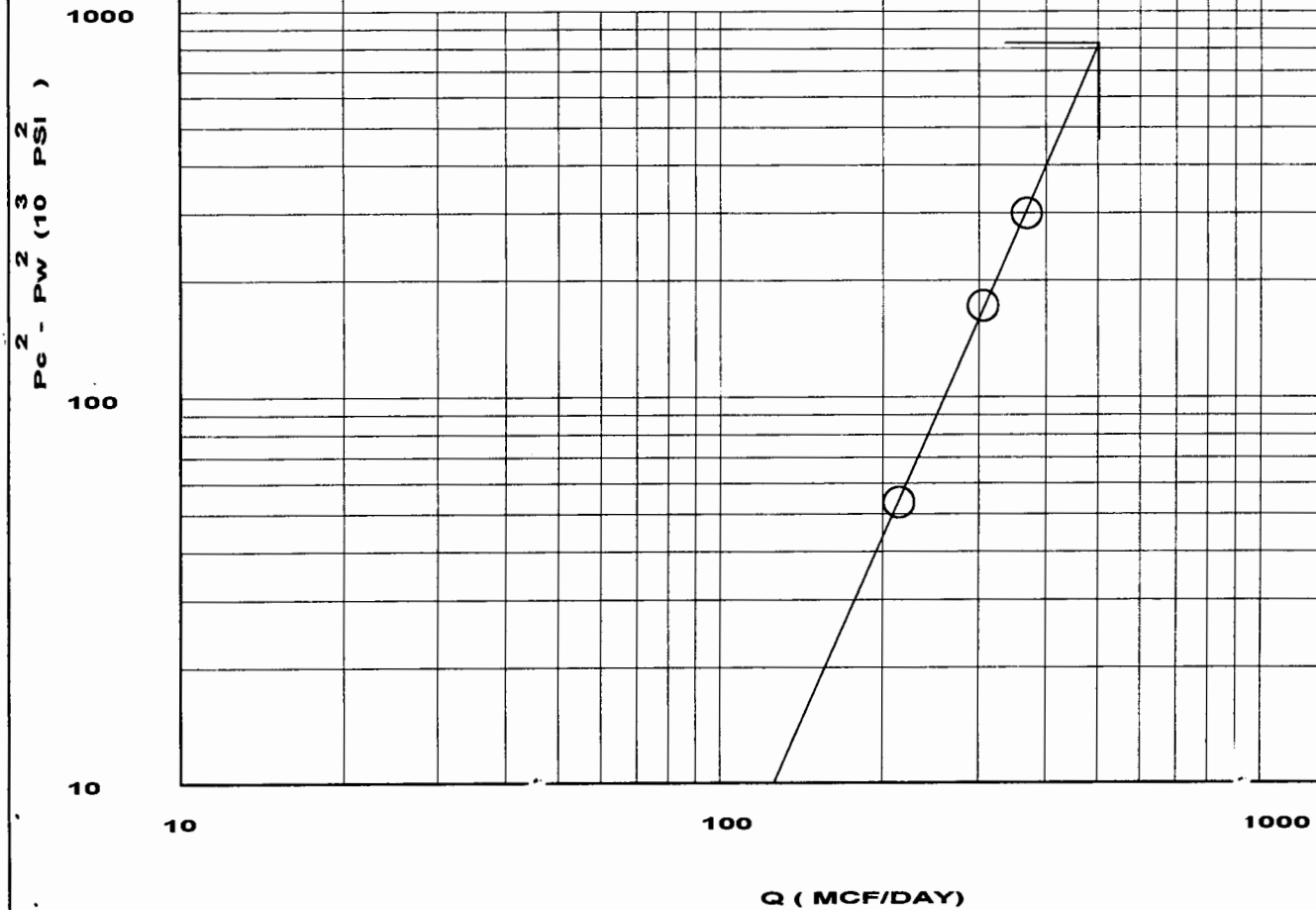
Samuel Gary Jr. & Associates

Swisher 26-3

Comanche, KS.

Exponent n: 0.3131

AOF: 502.



Samuel Gary Jr & Associates
 NE NW 26-32s-19w Comanche co Kansas
 Start Test Date: 2000/10/27
 Final Test Date: 2000/10/24

FieldNotes

Field Measurements

Swisher 26-3

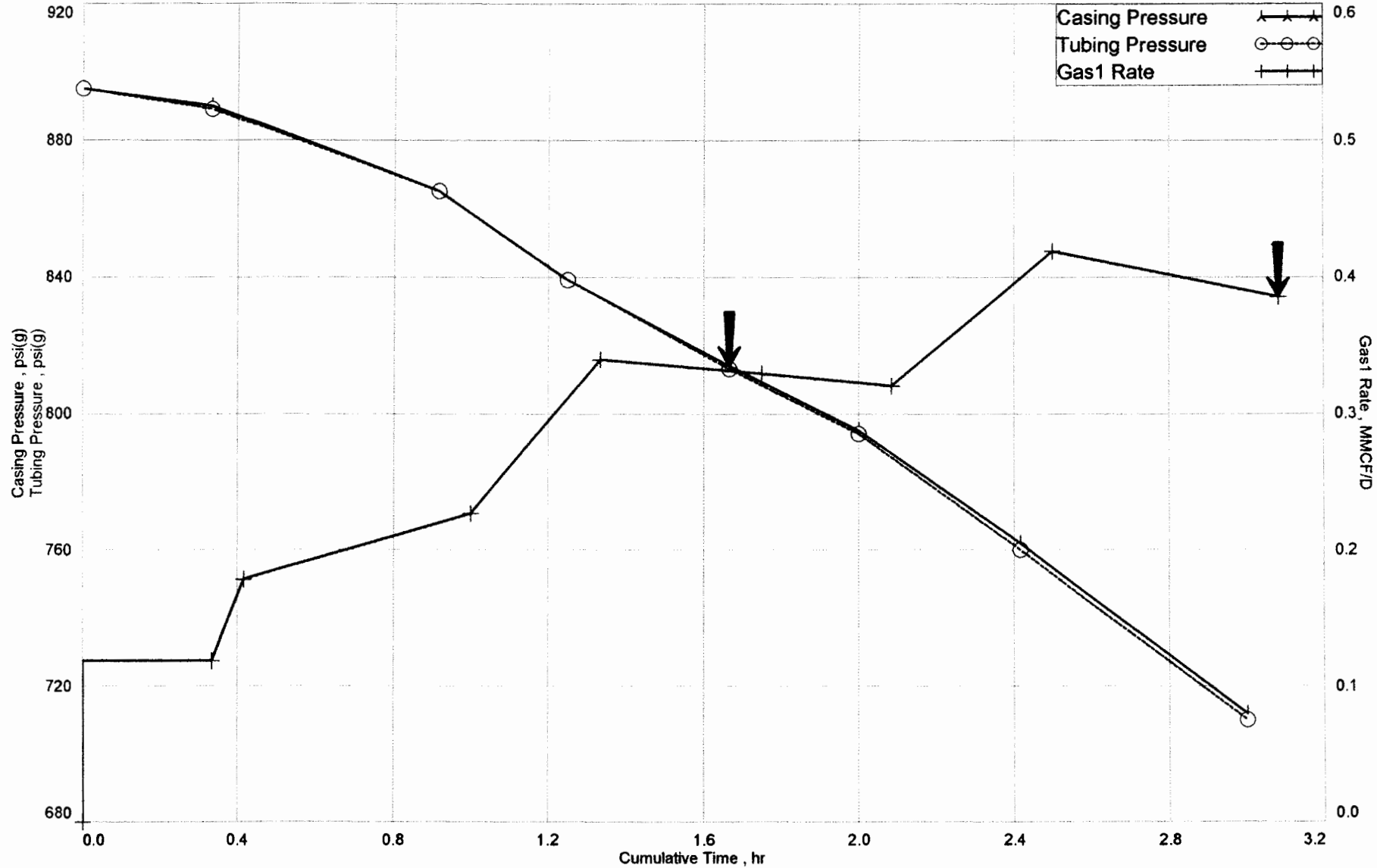
	Clock	Casing	Tubing	Static1	Diff1	Meter1	Gas1
Date	Time	Pres	Pres	Pres	Pres	Temp	Rate
yyyy/mm/d	hh:mm:ss	psi(g)	psi(g)	psi(g)	in of H2O	°F	MMCF/D
1	2000/10/27 10:45:00	shutin					
2	10:45:00	895.00	895.00	0.00	0.00	0.00	0.000
3	11:05:00	890.00	889.00	96.00	3.00	71.00	0.119
4	11:10:00			93.00	7.00	71.00	0.179
5	11:40:00	865.00	865.00				
6	11:45:00	1st jpt					
7	11:45:00			104.00	10.00	60.00	0.227
8	12:00:00	839.00	839.00				
9	12:05:00			119.00	20.00	64.00	0.340
10	12:25:00	814.00	813.00				
11	12:30:00			101.00	22.00	68.00	0.329
12	12:45:00	2nd pt					
13	12:45:00	795.00	794.00				
14	12:50:00			100.00	21.00	68.00	0.320
15	13:10:00	762.00	760.00				
16	13:15:00			114.00	32.00	70.00	0.419
17	13:45:00	3rd pt					
18	13:45:00	712.00	710.00				
19	13:50:00			110.00	28.00	70.00	0.385

2000/10/27 10:45:00 To 2000/10/27 13:50:00
 Gas 0.038 Cum. 0.038 MMCF

Samuel Gary Jr & Associates
NE NW 26-32s-19w Comanche co Kansas
Start Test Date: 2000/10/27
Final Test Date: 2000/10/24

Swisher 26-3

Plot



Address:

Wellname: Swisher 26-3

Legal:

Sec:

Twp:

Rge:

Formation:

Field/Pool:

County:

St:

Casing size:

Feet of:

Wt:

Meter run size: 2,070

St:

Tubing Size:

Feet of:

Wt:

Orif (in): 1.0

95°

TD:

Plugged back depth:

Packer depth:

90°

Type Test:

Tap Type:

Gravity:

85°

Type Completion:

Producing through:

80%

Date	Clk Tim	Tbg Pres	Csg Pres	Diff	Temp	Static/Prover	Wat Vol1	Oil Vol	Comment
mm/dd	clock	psi	psi	in cf H2O	F	PSI	inch	inch	

10/27	10'45	895	895					SE
	1100	889	890	3	60	96		
	1110	889	890	7	71	93		
	1120 1140	865	865	10	10	104		1st pt
	1200	839	839					
	1205			20	64	119		
	1225	813	814					
	1230			22	68	101		
	1245							
	1250	795	794	21	68	100		2nd pt
	1300							
	1315	762	760	32	70	115		
	1345	710	715 712					
	1350			28	70	110		3rd pt

Date	Miles	Name	Date	Miles	Name	Date	Miles	Name
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