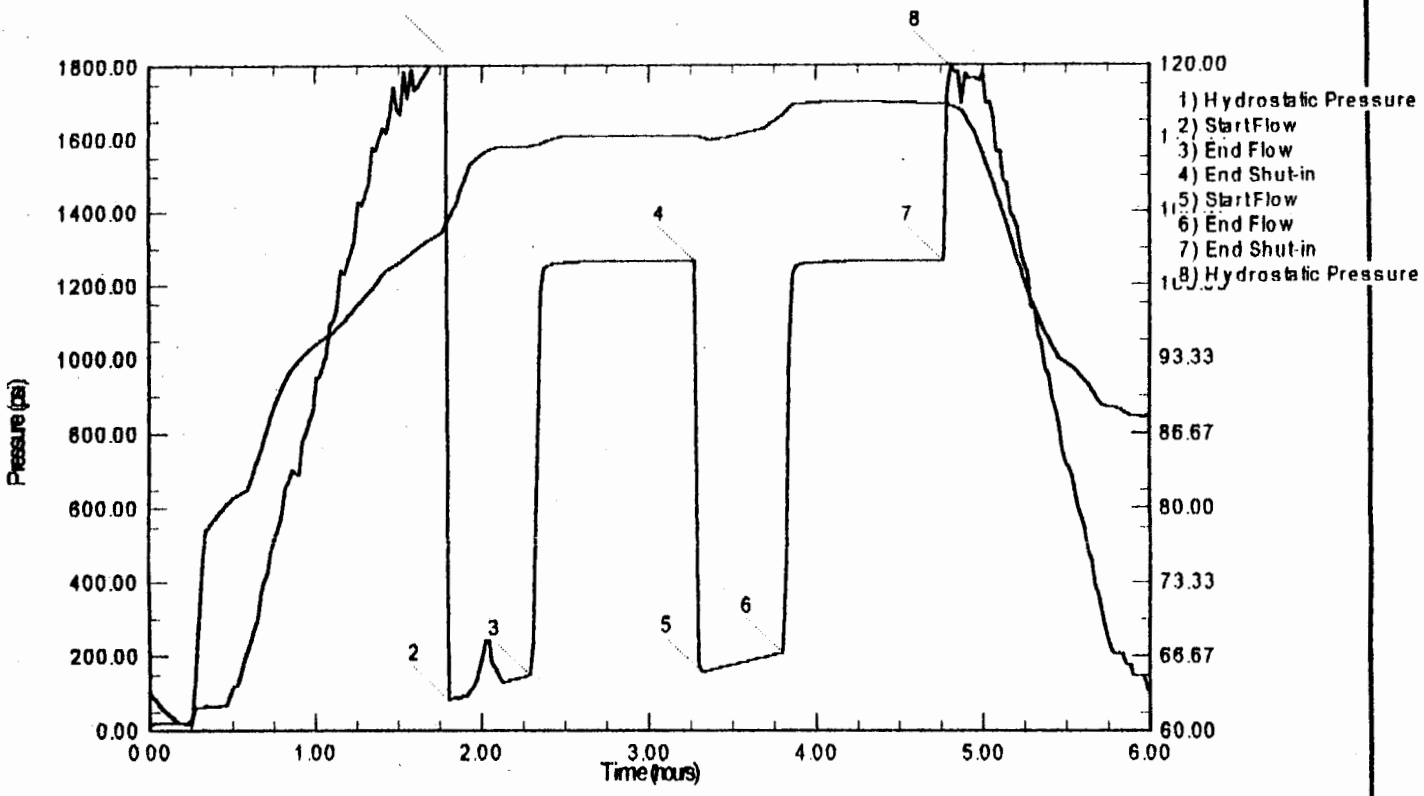
Great Bend, Kansas

CHART DATA

State ..... KANSAS
County ..... STAFFORD
Field .....

API# 15-185-23183-00-00

Test Date ..... April 1, 2003
Sec Town Range 9-22S-12W
Report Number 12366



Field Reading

(1)	Initial Hydrostatic Pressure	1841
(2)	Initial Flow Pressure	82
(3)	Final Initial Flow Pressure	149
(4)	Initial Shut-In Pressure	1266
(5)	Initial Final Flow Pressure	156
(6)	Final Flow Pressure	209
(7)	Final Shut-In Pressure	1265
(8)	Final Hydrostatic Pressure	1795

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ELECTRONIC RECORDER DEPTH 3676 FT, RECORDER NUMBER 80507

BILL CHEW INC. Lease & Well No. TEICHMAN #1 Test #: 1 Date: 04-01-2003 SEC. 9 TWP. 22S RW

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

GENERAL INFORMATION

COMPANY NAME	BILL CHEW INC.		
TEST DATE	4/1/03	LEASE AND WELL NUMBER	TEICHMAN #1
SECTION-TOWN-RANGE	9-22S-12W	FORMATION TESTED	ARBUCKLE
STATE	KANSAS	DRILL STEM TEST NUMBER	1
COUNTY	STAFFORD	REPORT NUMBER	12366
ELEVATION GROUND LEVEL	1875	ELEVATION KELLY BUSHINGS	1882
COMPANY REPRESENTATIVE	JIM CRAIG	TESTING ENGINEER	GENE BUDIG

TOOL SETTING INFORMATION

		TOP PACKER DEPTH	3598
TEST INTERVAL (From)	3603	BOTTOM PACKER DEPTH	3603
TEST INTERVAL (to)	3683	NUMBER OF PACKERS	2
ANCHOR LENGTH	80	PACKER SIZE	6 3/4
TOTAL DEPTH (ft)	3683	HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN	
TOOL OPEN (from)	3:45
TOOL OPEN (to)	4:15
DURATION (min.)	30
INITIAL SHUT-IN	
TOOL CLOSED (from)	4:15
TOOL CLOSED (to)	5:15
DURATION (min.)	60
FINAL OPEN	
TOOL OPEN (from)	5:15
TOOL OPEN (to)	5:45
DURATION (min.)	30
FINAL SHUT-IN	
TOOL CLOSED (from)	5:45
TOOL CLOSED (to)	6:45
DURATION (min.)	60

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PRESSURE READINGS

INITIAL HYDROSTATIC	1841
INITIAL FLOW	82
FINAL INITIAL FLOW	149
INITIAL SHUT-IN	1266
INITIAL FINAL FLOW	156
FINAL FLOW	209
FINAL SHUT-IN	1265
FINAL HYDROSTATIC	1795
MAXIMUM TEMPERATURE	116
TOP RECORDER DEPTH	3676
RECORDER NUMBER	80507
BOTTOM RECORDER DEPTH	3680
RECORDER NUMBER	13208

INITIAL BLOW — FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 16 MINUTES
THERE WAS NO BLOW BACK ON THE SHUT-IN

FINAL BLOW — FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 23 MINUTES
THERE WAS NO BLOW BACK ON THE SHUT-IN

EXTRA EQUIPMENT

		EXTRA PACKER (3RD)	NO
JARS	YES	EXTRA PACKER (4TH)	NO
SAFETY JOINT	YES	STRADDLE	NO
ELECTRONIC RECORDER	YES	HOOK WALL	NO
CIRCULATING SUB	NO	SAMPLER	NO

DRILLSTEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #8		
DRILL PIPE LENGTH	3677	DRILL COLLAR LENGTH	
DRILL PIPE I.D.	3.8	DRILL COLLAR I.D.	2.25
TOOL JOINT SIZE	4 1/2 X.H.	TOOL JOINT SIZE	4 1/2 X.H.
WEIGHT PIPE LENGTH		MUD WEIGHT #/GAL	9.4
WEIGHT PIPE I.D.	2.25	VISCOSITY	47
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	10.4
		CHLORIDES-PITS	4000
		CHLORIDES-DST	17000

	FEET OF RECOVERY	RECOVERY DECRIPTION	% GAS	% OIL	% MUD	% WATER
1)	60	GAS IN THE PIPE	100	0	0	0
2)	180	SLIGHTLY OIL AND GAS CUT MUD	10	5	85	0
3)	180	SLIGHTLY OIL AND GAS CUT MUDDY WATER	13	2	50	35
4)	30	SLIGHTLY OIL AND GAS CUT MUDDY WATER WITH A TRACE OF	4	1	40	55
5)		OIL				
6)						
7)						
8)						
9)						
10)						
11)						
12)						
13)						
14)						
15)						
		TOTAL RECOVERY -				

COMMENTS

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