

6-165-13w

(800) 792-6902

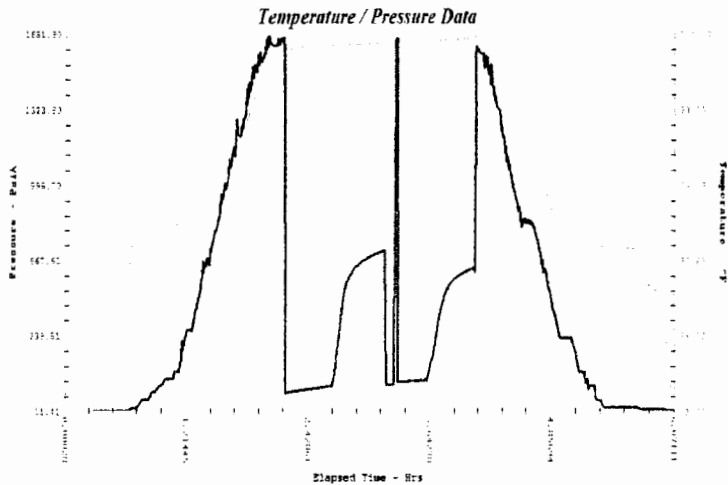
15227

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1586
2	Initial Flow Pressure	94
3	Final Initial Flow Pressure	123
4	Initial Shut-In Pressure	713
5	Initial Final Flow Pressure	144
6	Final Flow Pressure	151
7	Final Shut-In Pressure	638
8	Final Hydrostatic Pressure	1553

Maximum Temperature 104

GENERAL INFORMATION

COMPANY NAME CHARTER ENGERY INC.

TEST DATE 8/18/07

SECTION-TOWN-RANGE 6-16S-13W

STATE KANSAS

COUNTY BARTON

ELEVATION GROUND LEVEL 1904

COMPANY REPRESENTATIVE JIM MUSGROVE

LEASE AND WELL NUMBER HOFFMAN #1

FORMATION TESTED LANSING

DRILL STEM TEST NUMBER 1

REPORT NUMBER 15227

ELEVATION KELLY BUSHINGS 1913

TESTING ENGINEER FRANK ZAMARRIPA

WELL SETTING INFORMATION

TEST INTERVAL (From) 3224

TEST INTERVAL (to) 3326

ANCHOR LENGTH 102

TOTAL DEPTH (ft) 3326

TOP PACKER DEPTH 3219

BOTTOM PACKER DEPTH 3224

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

LOW TIMES

INITIAL OPEN

TOOL OPEN (from) 5:30P

TOOL OPEN (to) 6:00

DURATION (min.) 30

FINAL OPEN

TOOL OPEN (from) 6:40

TOOL OPEN (to) 6:55

DURATION (min.) 15

INITIAL SHUT-IN

TOOL CLOSED (from) 6:00

TOOL CLOSED (to) 6:30

DURATION (min.) 30

FINAL SHUT-IN

TOOL CLOSED (from) 6:55

TOOL CLOSED (to) 7:25

DURATION (min.) 30

INITIAL FLOW WEAK BUILDING BLOW BUILT TO 3 INCHES
NO BLOW BACK

FINAL FLOW NO BLOW, FLUSHED TOOL, WEAK BUILDING BLOW BUILT TO 1 INCH
NO BLOW

Company: CHARTER ENGERY INC.
TWP. 16S RGE. 13W

Lease & Well No. HOFFMAN # 1 Test #: 1

Date: 8-18-07

SEC. 6

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	CHARTER ENGERY INC.	LEASE AND WELL NUMBER	HOFFMAN #1
TEST DATE	8/18/07	FORMATION TESTED	LANSING
SECTION-TOWN-RANGE	6-16S-13W	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	15227
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1913
ELEVATION GROUND LEVEL	1904	TESTING ENGINEER	FRANK ZAMARRIPA
COMPANY REPRESENTATIVE	JIM MUSGROVE		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	50 MILES ROUND TRIP FROM		GREAT BEND
TOP RECORDER DEPTH	3222	BOTTOM RECORDER DEPTH	3223
RECORDER NUMBER	91951	RECORDER NUMBER	10250

WELL INFORMATION

DRILLING CONTRACTOR	STERLING DRLG RIG #1	DRILL COLLAR LENGTH	240
DRILL PIPE LENGTH	3025	DRILL COLLAR I.D.	2.25
DRILL PIPE I.D.	3.8	TOOL JOINT SIZE	4 1/2 X.H.
TOOL JOINT SIZE	4 1/2 X.H.		

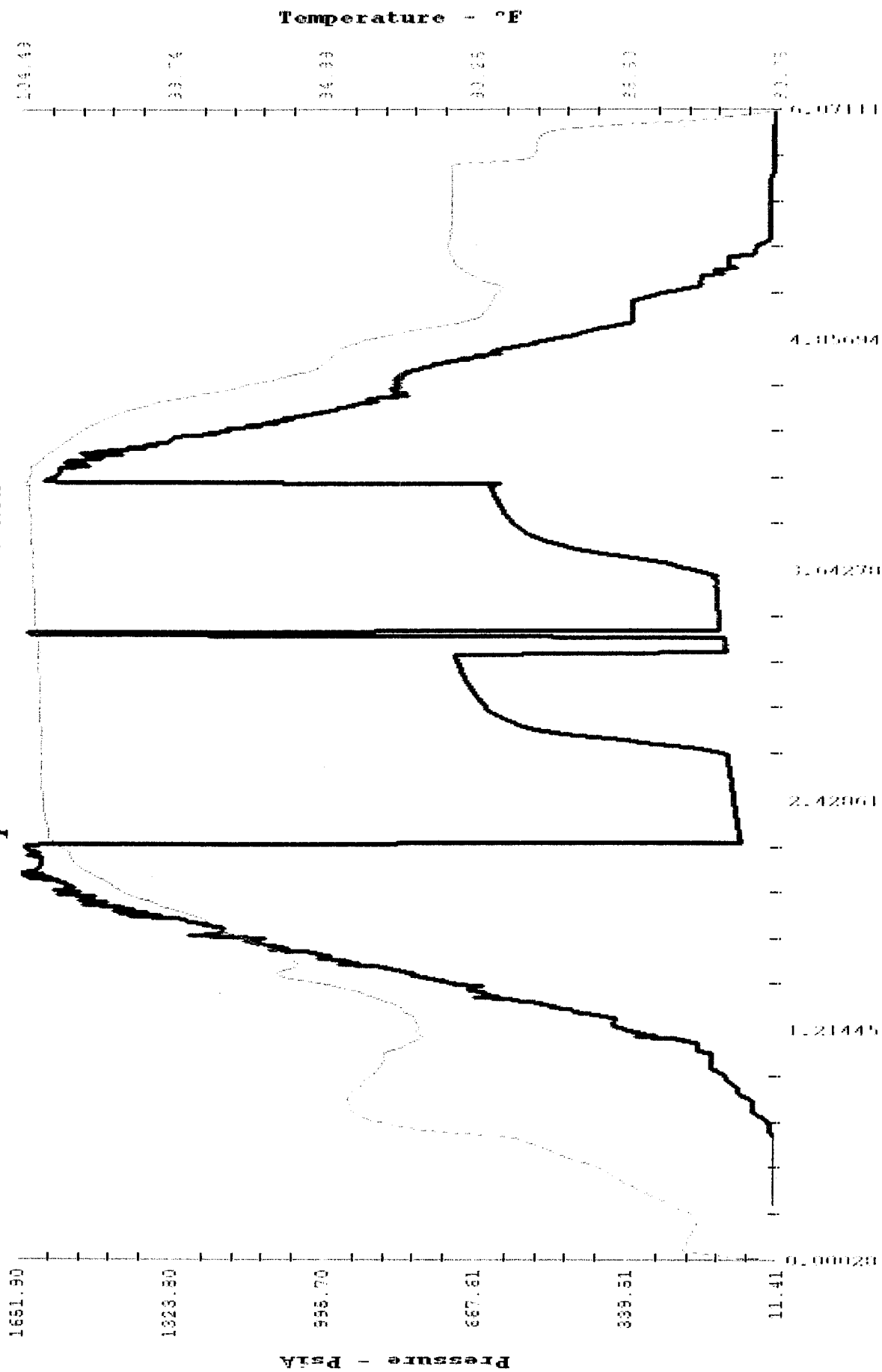
COMMENTS

Recovery Sample Description

Great Bend, Kansas 67530

[illegible]

Temperature / Pressure Data



(800) 792-6902

Initial Opening	37 P.S.I. to <u>36</u>	P.S.I. from <u>7:15 A m</u> to <u>7:30 A m</u>	<u>15</u> minutes
Initial Shut-in	<u>45</u>	P.S.I. from <u>7:30 A m</u> to <u>8:00 A m</u>	<u>30</u> minutes
Final Opening	<u>39</u> P.S.I. to <u>39</u>	P.S.I. from <u>8:10 A m</u> to <u>8:25 A m</u>	<u>15</u> minutes
Final Shut-in	<u>45</u>	P.S.I. from <u>8:25 A m</u> to <u>8:55 A m</u>	<u>30</u> minutes

[illegible]

Extra Equipment-Jars N/O Safety Joint N/O Circulating Sub _____ Straddle N/O
Electronic Recorder No. 91951 Depth 3332 Extra Packer (3rd) N/O Hook Wall N/O
Bottom Recorder No 10250 Depth 3333 Extra Packer (4th) N/O Sampler N/O
Tool Operator Frank Tomaszewski Approved By _____

REF ID: A67228

SUPERIOR TESTERS ENTERPRISES L.L.C.

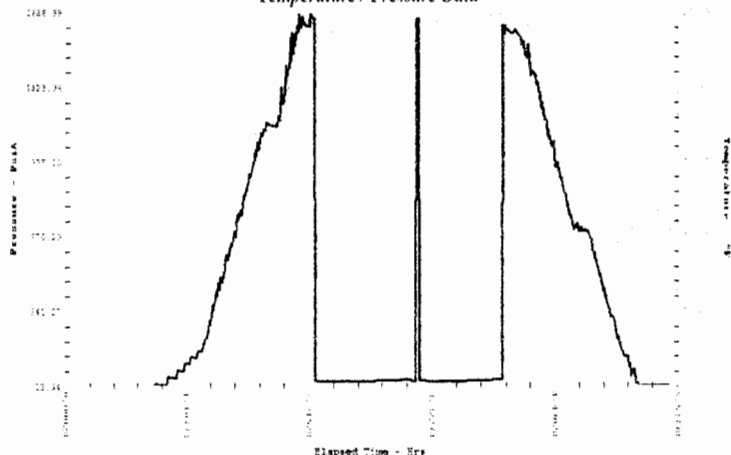
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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: CHARTER ENERGY INC. Lease & Well No. HOFFMAN # 1 Test #: 2 Date: 8-19-07 SEC. 6 TWP. 16S RGE. 13W

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	1632
2	Initial Flow Pressure	37
3	Final Initial Flow Pressure	36
4	Initial Shut-In Pressure	45
5	Initial Final Flow Pressure	39
6	Final Flow Pressure	39
7	Final Shut-In Pressure	45
8	Final Hydrostatic Pressure	1603

Maximum Temperature 101

GENERAL INFORMATION

COMPANY NAME CHARTER ENERGY INC.

TEST DATE 8/19/07

SECTION-TOWN-RANGE 6-16S-13W

STATE KANSAS

COUNTY BARTON

ELEVATION GROUND LEVEL 1904

COMPANY REPRESENTATIVE JIM MUSGROVE

LEASE AND WELL NUMBER HOFFMAN # 1

FORMATION TESTED ARBUCKLE

DRILL STEM TEST NUMBER 2

REPORT NUMBER 15228

ELEVATION KELLY BUSHINGS 1913

TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3316

TEST INTERVAL (to) 3336

ANCHOR LENGTH 20

TOTAL DEPTH (ft) 3336

TOP PACKER DEPTH 3311

BOTTOM PACKER DEPTH 3316

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

TIME LOGS

INITIAL OPEN

TOOL OPEN (from) 7:15A

TOOL OPEN (to) 7:30

DURATION (min.) 15

INITIAL SHUT-IN

TOOL CLOSED (from) 7:30

TOOL CLOSED (to) 8:00

DURATION (min.) 30

FINAL OPEN

TOOL OPEN (from) 8:10

TOOL OPEN (to) 8:25

DURATION (min.) 15

FINAL SHUT-IN

TOOL CLOSED (from) 8:25

TOOL CLOSED (to) 8:55

DURATION (min.) 30

INITIAL FLOW

WEAK SURFACE BLOW DIED OFF AFTER 7 MINUTES
NO BLOW BACK

FINAL FLOW

NO BLOW, FLUSHED TOOL, NO BLOW
NO BLOW BACK

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	CHARTER ENERGY INC.	LEASE AND WELL NUMBER	HOFFMAN # 1
TEST DATE	8/19/07	FORMATION TESTED	ARBUCKLE
SECTION-TOWN-RANGE	6-16S-13W	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	15228
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1913
ELEVATION GROUND LEVEL	1904	TESTING ENGINEER	FRANK ZAMARRIPA
COMPANY REPRESENTATIVE	JIM MUSGROVE		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	50 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3332	BOTTOM RECORDER DEPTH	3333
RECORDER NUMBER	91951	RECORDER NUMBER	10250

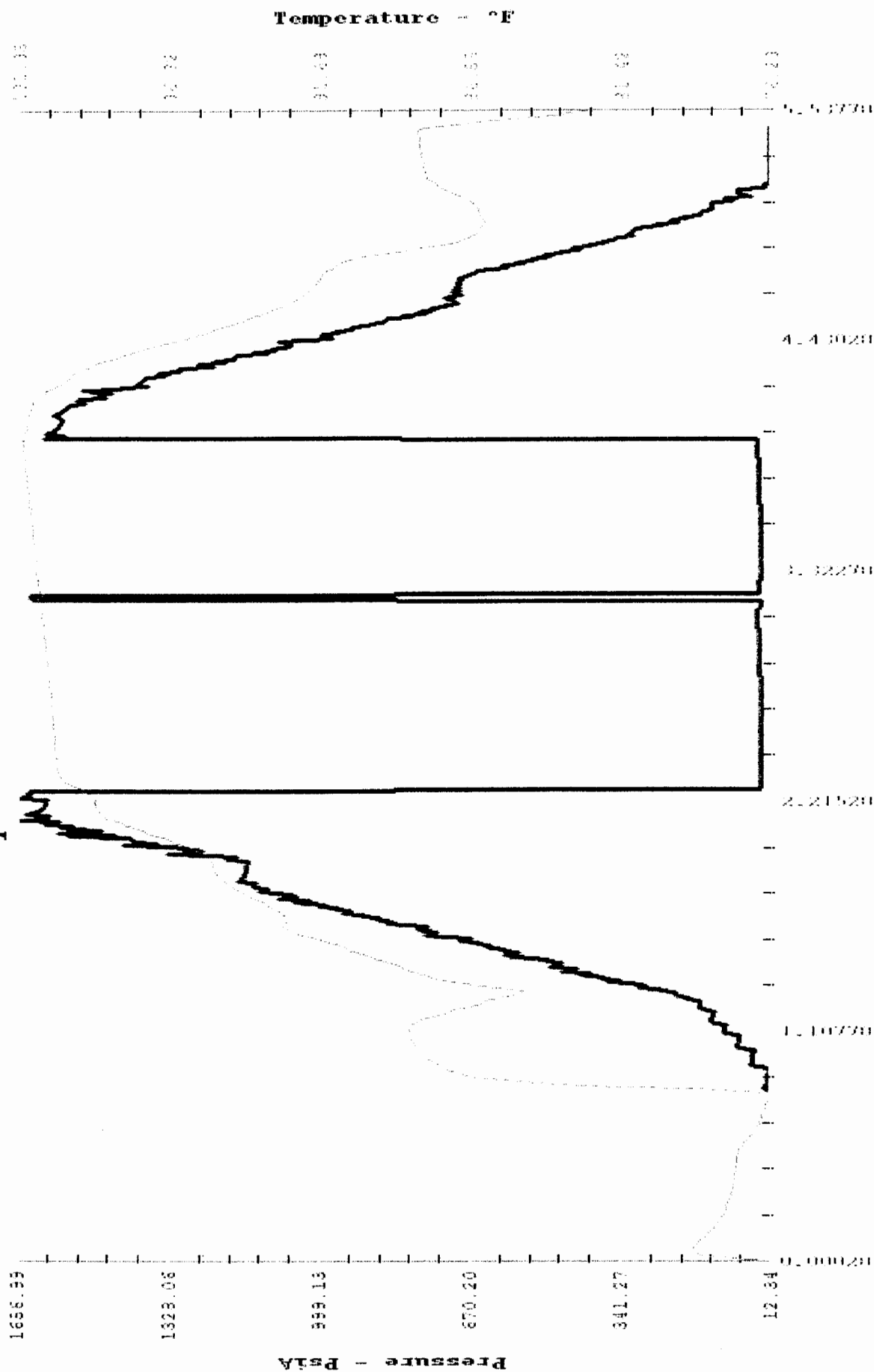
WELL INFORMATION

DRILLING CONTRACTOR	STERLING DRLG RIG #1	DRILL COLLAR LENGTH	240
DRILL PIPE LENGTH	3057	DRILL COLLAR I.D.	2.25
DRILL PIPE I.D.	3.8	TOOL JOINT SIZE	4 1/2 X.H.
TOOL JOINT SIZE	4 1/2 X.H.		

COMMENTS

[illegible]

Temperature / Pressure Data



Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530

(800) 792-6902

Company CHARTER ENERGY INC
Address P.O. BOX 252 GREAT BEND KS 67530
Lease & # HOFFMAN #1 Sec. 6 Twp 16S Rng 13W
Date 8-19-2007 County BARTON Elevation 1904 G.L. 1913 K.B.

Drilling Contractor STERLING DRILL RIG #1
Drill Pipe Length 3057 I.D. of Drill Pipe 3.8 Tool Joint Size 4 1/2 X H
Drill Collar Length 240 I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 X H
Mud Weight 8.8 Viscosity 44 Filtrate 12.0 Chlorides-Pits 9,300 DST
Top Packer Depth 3311 Bottom Packer Depth 3316 Number of Packers 2
Tested From 3316 to 3341 Total Depth 3341 Anchor Length 25
Test # 3 Formation Tested ARBUCKLE Hole Size 7 7/8

Initial Blow FAIR BUILDING BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 21 minutes

Blow back on the 1st Shut-in WEAK

Final Blow FAIR BUILDING BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 26 minutes

Blow back on the 2nd Shut-in WEAK

Initial Hydrostatic 11649 P.S.I. Final Hydrostatic 1562 P.S.I. Maximum Temp. 106 F

Initial Opening <u>58</u> P.S.I. to <u>1161</u> P.S.I. from <u>6:45 p m</u> to <u>7:30 p m</u> <u>45</u> minutes
Initial Shut-in <u>1063</u> P.S.I. from <u>7:30 p m</u> to <u>8:00 p m</u> <u>30</u> minutes
Final Opening <u>1163</u> P.S.I. to <u>196</u> P.S.I. from <u>:</u> m to <u>:</u> m <u>:</u> minutes
Final Shut-in <u>1058</u> P.S.I. from <u>:</u> m to <u>:</u> m <u>:</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
300	GAS IN PIPE	100			
155	CLEAN GASSY OIL	10	90		
240	GASSY OIL CUT MUD	1	1	98	

Total Feet Recovered 295 Recovery Chlorides _____ Rw. _____ ohms @ _____ Degrees
Gravity of oil 40 Corrected _____ Gas to Surface in _____ minutes into the _____
Max. Gas Gauged _____ MCF/day See Gas Flow Report Was a gas sample taken _____
Comments _____

Extra Equipment-Jars NO Safety Joint NO Circulating Sub _____ Straddle NO
Electronic Recorder No. 91951 Depth 3337 Extra Packer (3rd) NO Hook Wall NO
Bottom Recorder No. 10250 Depth 3338 Extra Packer (4th) NO Sampler NO
Tool Operator Frank Zemanias Approved By _____

Ticket No. 15229

SUPERIOR TESTERS ENTERPRISES L.L.C.

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

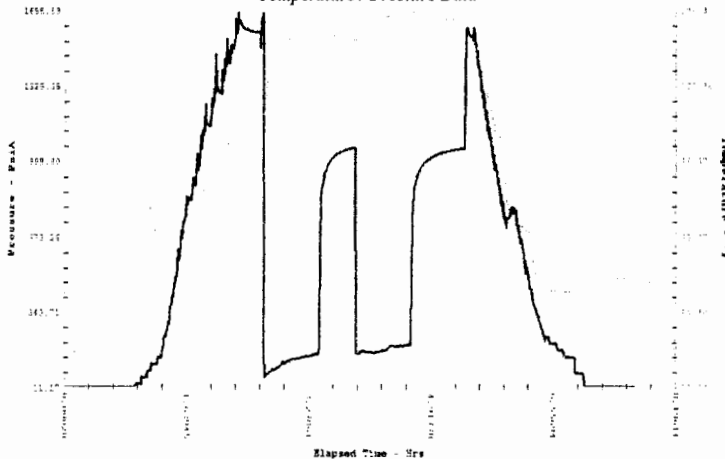
Company: CHARTER ENERGY INC.
TWP. 16S RGE. 13W

Lease & Well No. HOFFMAN # 1 Test #: 3

Date: 8-19-07

SEC. 6

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	1649
2	Initial Flow Pressure	58
3	Final Initial Flow Pressure	161
4	Initial Shut-In Pressure	1063
5	Initial Final Flow Pressure	163
6	Final Flow Pressure	198
7	Final Shut-In Pressure	1058
8	Final Hydrostatic Pressure	1562

Maximum Temperature 106

GENERAL INFORMATION

COMPANY NAME CHARTER ENERGY INC

TEST DATE 8/19/07

SECTION-TOWN-RANGE 6-16S-13W

STATE KANSAS

COUNTY BARTON

ELEVATION GROUND LEVEL 1904

COMPANY REPRESENTATIVE JIM MUSGROVE

LEASE AND WELL NUMBER HOFFMAN # 1

FORMATION TESTED ARBUCKLE

DRILL STEM TEST NUMBER 3

REPORT NUMBER 15229

ELEVATION KELLY BUSHINGS 1913

TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3316

TEST INTERVAL (to) 3341

ANCHOR LENGTH 25

TOTAL DEPTH (ft) 3341

TOP PACKER DEPTH 3311

BOTTOM PACKER DEPTH 3316

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

LOW TIMES

INITIAL OPEN

TOOL OPEN (from) 6:45P

TOOL OPEN (to) 7:30

DURATION (min.) 45

FINAL OPEN

TOOL OPEN (from) 8:00

TOOL OPEN (to) 8:45

DURATION (min.) 45

INITIAL SHUT-IN

TOOL CLOSED (from) 7:30

TOOL CLOSED (to) 8:00

DURATION (min.) 30

FINAL SHUT-IN

TOOL CLOSED (from) 8:45

TOOL CLOSED (to) 9:30

DURATION (min.) 45

INITIAL FLOW FAIR BUILDING BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 21 MINUTES
WEAK BLOW BACK

FINAL FLOW FAIR BUILDING BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 20 MINUTES
WEAK BLOW BACK

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	CHARTER ENERGY INC	LEASE AND WELL NUMBER	HOFFMAN # 1
TEST DATE	8/19/07	FORMATION TESTED	ARBUCKLE
SECTION-TOWN-RANGE	6-16S-13W	DRILL STEM TEST NUMBER	3
STATE	KANSAS	REPORT NUMBER	15229
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1913
ELEVATION GROUND LEVEL	1904	TESTING ENGINEER	FRANK ZAMARRIPA
COMPANY REPRESENTATIVE	JIM MUSGROVE		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	50 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3337	BOTTOM RECORDER DEPTH	3338
RECORDER NUMBER	91951	RECORDER NUMBER	10250

WELL INFORMATION

DRILLING CONTRACTOR	STERLING DRLG RIG #1	DRILL COLLAR LENGTH	240
DRILL PIPE LENGTH	3057	DRILL COLLAR I.D.	2.25
DRILL PIPE I.D.	3.8	TOOL JOINT SIZE	4 1/2 X.H.
TOOL JOINT SIZE	4 1/2 X.H.		

COMMENTS

Recovery Sample Description

Great Bend, Kansas 67530

Drill Pipe	I.D.	Feet		Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2	3.82	300	GAS IN PIPE		100%				4.2600
		155	CLEAN GASSY OIL		10%	90%			2.2010
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Drill Collars	I.D.			Recovery Description For Drill Collars	4.4801	1.9809	0.0000	0.0000	
	2.25	240	GASSY OIL CUT MUD		1%	1%	98%		1.1760
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Total Recovery		695	Feet	Total bbls. Recovered From Drill Pipe	4.4801	1.9809	0.0000	0.0000	Total
				Total bbls. Recovered From Drill Collars	0.0118	0.0118	1.1525	0.0000	bbls
				Total bbls Recovered	4.4919	1.9927	1.1525	0.0000	7.6370
					Gas	Oil	Mud	Water	
MUD WEIGHT #GAL		8.8		Resistivity		ohms @		Degrees	
VISCOSITY		44		Recovery Chlorides		ppm			
WATER LOSS		12.0		Pit Chlorides	9,300	ppm			
				4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D					
				HOFFMAN #1 6-16S-13W DST #3 ARBUCKLE					

Temperature / Pressure Data

