

Charter Energy
Bitter 1

6-16s-13w
15-009-25056

Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530
(800) 792-6902

Company CHARTER ENERGY, INC
Address PO Box 25
Lease & # BITTER #1 Sec. 6 Twp 16 Rng 13
Date 6-10-2007 County BARTON Elevation 1915 G.L. 1924 K.B.
Drilling Contractor STERLING DRILLING RIG #1
Drill Pipe Length 2798 I.D. of Drill Pipe _____ Tool Joint Size 4 1/2 x 4
Drill Collar Length _____ I.D. of Drill Collars _____ Tool Joint Size _____
Mud Weight 8.9 Viscosity 45 Filtrate 10.4 Chlorides-Pits 7,900 DST 1
Top Packer Depth 3107 Bottom Packer Depth 3107 Number of Packers 2
Tested From 3107 to 3141 Total Depth 3141 Anchor Length 34
Test # 1 Formation Tested KC Hole Size 7 7/8
Initial Blow Strong Blow Buret to 10" into the bucket in
24 min. Blow back on the 1st Shut-in NO
Final Blow Good Blow Buret to 7" into the bucket in
21 min. Blow back on the 2nd Shut-in NO
Initial Hydrostatic 1533 P.S.I. Final Hydrostatic 1423 P.S.I. Maximum Temp. 103 F

Initial Opening	<u>55</u> P.S.I. to <u>166</u> P.S.I.	from <u>7:50 pm</u> to <u>8:20 pm</u>	<u>30</u> minutes
Initial Shut-in	<u>399</u> P.S.I.	from <u>8:20 pm</u> to <u>8:50 pm</u>	<u>30</u> minutes
Final Opening	<u>170</u> P.S.I. to <u>211</u> P.S.I.	from <u>8:50 pm</u> to <u>9:35 pm</u>	<u>45</u> minutes
Final Shut-in	<u>395</u> P.S.I.	from <u>9:35 pm</u> to <u>10:20 pm</u>	<u>45</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>330</u>	<u>SALT WATER</u>				<u>70</u>
<u>10</u>	<u>MUD</u>			<u>10</u>	

Total Feet Recovered 340 Recovery Chlorides 14,000 Rw. _____ ohms @ _____ Degrees
Gravity of oil _____ Corrected Gas to Surface in _____ minutes into the _____
Max. Gas Gauged _____ MCF/day See Gas Flow Report Was a gas sample taken _____
Comments slight show of oil in the tool.

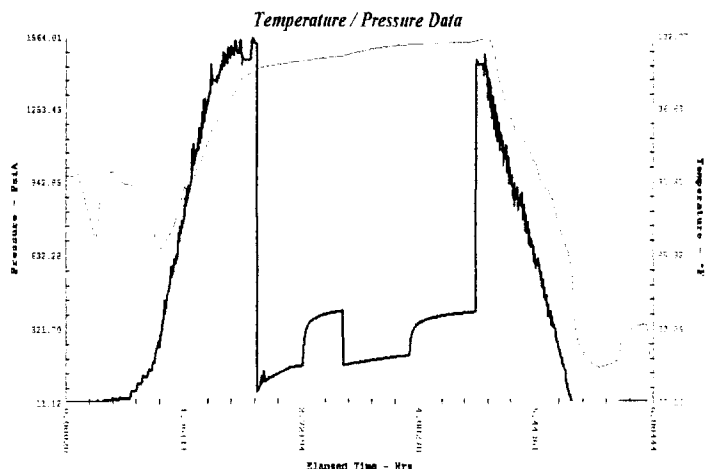
Extra Equipment-Jars NO Safety Joint NO Circulating Sub _____ Straddle _____
Electronic Recorder No. 91951 Depth 3137 Extra Packer (3rd) _____ Hook Wall _____
Bottom Recorder No. 10250 Depth 3138 Extra Packer (4th) _____ Sampler _____
Tool Operator Ray Felt Approved By _____

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1533
2	Initial Flow Pressure	55
3	Final Initial Flow Pressure	166
4	Initial Shut-In Pressure	399
5	Initial Final Flow Pressure	170
6	Final Flow Pressure	211
7	Final Shut-In Pressure	395
8	Final Hydrostatic Pressure	1463

Maximum Temperature 103

GENERAL INFORMATION

COMPANY NAME CHARTER ENERGY INC.

TEST DATE 6/10/07

SECTION-TOWN-RANGE 41441

STATE KANSAS

COUNTY BARTON

ELEVATION GROUND LEVEL 1915

COMPANY REPRESENTATIVE JIM MUSGROVE

LEASE AND WELL NUMBER BITTER #1

FORMATION TESTED KANSAS CITY

DRILL STEM TEST NUMBER 1

REPORT NUMBER 15056

ELEVATION KELLY BUSHINGS 1924

TESTING ENGINEER COREY FRENCH

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3107

TEST INTERVAL (to) 3141

ANCHOR LENGTH 34

TOTAL DEPTH (ft) 3141

TOP PACKER DEPTH 3102

BOTTOM PACKER DEPTH 3107

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 7:50

TOOL OPEN (to) 8:20

DURATION (min.) 30

INITIAL SHUT-IN

TOOL CLOSED (from) 8:20

TOOL CLOSED (to) 8:50

DURATION (min.) 30

FINAL OPEN

TOOL OPEN (from) 8:50

TOOL OPEN (to) 9:35

DURATION (min.) 45

FINAL SHUT-IN

TOOL CLOSED (from) 9:35

TOOL CLOSED (to) 10:20

DURATION (min.) 45

INITIAL FLOW

GOOD BLOW BUILT TO 10 INCHES INTO THE BUCKET IN 24 MINUTES

FINAL FLOW

GOOD BLOW BUILT TO 7 INCHES INTO THE BUCKET IN 21 MINUTES

Company: CHARTER ENERGY, INC. Lease & Well No. BITTER #1 Test #: 1 Date: 6-10-07 SEC. 6
TWP. 16 RGE. 13

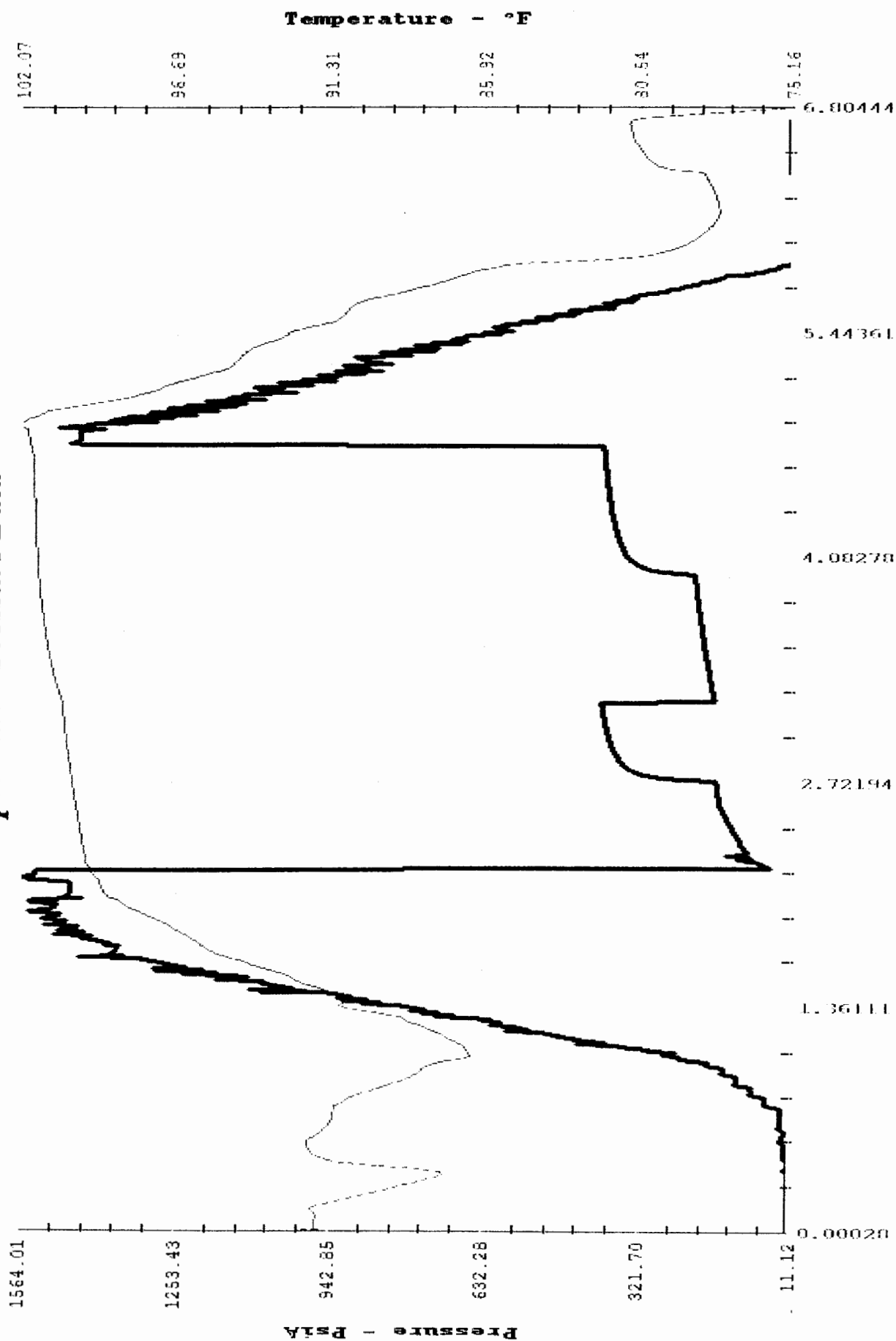
GREAT BEND, KANSAS 67530 (800)792-6902

Recovery Sample Description

Great Bend, Kansas 67530

[illegible]

Temperature / Pressure Data



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Initial Hydrostatic 1670 P.S.I. Final Hydrostatic 1587 P.S.I. Maximum Temp. _____ F

Final Shut-in 1117 P.S.I. from 11:15 p m to 12:00 A m 45 minutes

44-3

Comments

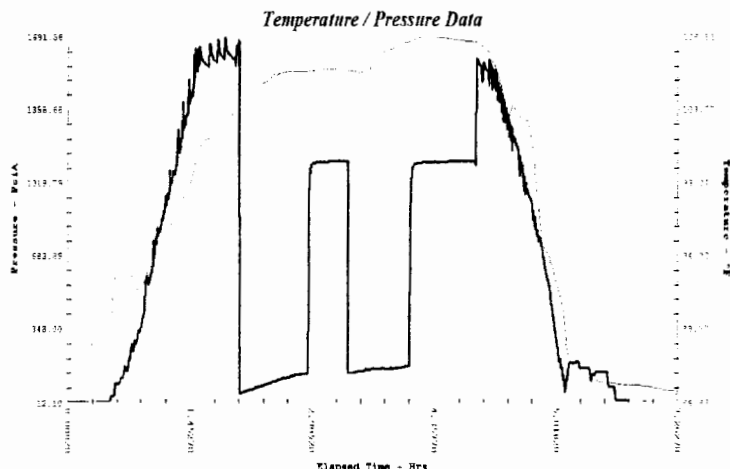
Tool Operator Casper French Approved By _____

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1670
2	Initial Flow Pressure	54
3	Final Initial Flow Pressure	144
4	Initial Shut-In Pressure	1117
5	Initial Final Flow Pressure	149
6	Final Flow Pressure	178
7	Final Shut-In Pressure	1117
8	Final Hydrostatic Pressure	1585

Maximum Temperature 109

GENERAL INFORMATION

COMPANY NAME CHARTER ENERGY INC.

TEST DATE 6/11/07

SECTION-TOWN-RANGE 41441

STATE KANSAS

COUNTY BARTON

ELEVATION GROUND LEVEL 1915

COMPANY REPRESENTATIVE JIM MUSGROVE

LEASE AND WELL NUMBER BITTER #1

FORMATION TESTED ARBUCKLE

DRILL STEM TEST NUMBER 2

REPORT NUMBER 15058

ELEVATION KELLY BUSHINGS 1924

TESTING ENGINEER COREY FRENCH

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3304

TEST INTERVAL (to) 3351

ANCHOR LENGTH 47

TOTAL DEPTH (ft) 3351

TOP PACKER DEPTH 3299

BOTTOM PACKER DEPTH 3304

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 9:15

TOOL OPEN (to) 10:00

DURATION (min.) 45

INITIAL SHUT-IN

TOOL CLOSED (from) 10:00

TOOL CLOSED (to) 10:30

DURATION (min.) 30

FINAL OPEN

TOOL OPEN (from) 10:30

TOOL OPEN (to) 11:15

DURATION (min.) 45

FINAL SHUT-IN

TOOL CLOSED (from) 11:15

TOOL CLOSED (to) 12:00

DURATION (min.) 45

INITIAL FLOW

GOOD BLOW BUILT TO THE BOTTOM OF THE BUCKET IN 34 MIN.

FINAL FLOW

FAIR BLOW BUILT TO THE BOTTOM OF THE BUCKET IN 43 MIN.

Company: CHARTER ENERGY, INC. Lease & Well No. BITTER # 1 Test #: 2 Date: 6-11-07 SEC. 6 TWP. 16
RGE. 13

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DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	CHARTER ENERGY INC.	LEASE AND WELL NUMBER	BITTER #1
TEST DATE	6/11/07	FORMATION TESTED	ARBUCKLE
SECTION-TOWN-RANGE	6/16/2013	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	15058
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1924
ELEVATION GROUND LEVEL	1915	TESTING ENGINEER	COREY FRENCH
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
	40 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3347	BOTTOM RECORDER DEPTH	3348
RECORDER NUMBER	91951	RECORDER NUMBER	10250

WELL INFORMATION

DRILLING CONTRACTOR	STERLING DRILLING CO. RIG #1		
DRILL PIPE LENGTH	2995	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.

COMMENTS

[illegible]

Temperature / Pressure Data

