

25-16s-26w

Superior Testers Enterprises L.L.C.

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

(800) 792-6902

Company Hartman Oil Co. Inc.
Address 12950 E. 13th Wichita, KS 67230
Lease & # MP Stat 2 1-25 Sec. 25 Twp 16 Rng 26 W
Date 11 - 19 - 20 County Neosho Elevation 2603 G.L. 2614 K.B.
Drilling Contractor H 2 # 2
Drill Pipe Length 4270 I.D. of Drill Pipe 3.8 Tool Joint Size 4.5
Drill Collar Length 123 I.D. of Drill Collars 2.25 Tool Joint Size 4.5
Mud Weight 9.1 Viscosity 45 Filtrate 9.6 Chlorides-Pits 2400 DST _____
Top Packer Depth 4405 Bottom Packer Depth 4410 Number of Packers 2
Tested From 4410 to 4455 Total Depth 4455 Anchor Length 451
Test # 1 Formation Tested FT Scott Hole Size 7 7/8
Initial Blow weak surface blow died in 15 minutes
Blow back on the 1st Shut-in no
Final Blow no blow

Initial Hydrostatic 2163 P.S.I. Final Hydrostatic 2144 P.S.I. Maximum Temp. 121 F

Initial Opening	49	P.S.I. to	56	P.S.I. from	12:32A	to	1:02A	39	minutes
Initial Shut-in	91	P.S.I.		P.S.I. from	1:02A	to	1:47A	45	minutes
Final Opening	50	P.S.I. to	55	P.S.I. from	1:47A	to	2:17A	30	minutes
Final Shut-in	67	P.S.I.		P.S.I. from	2:17A	to	3:02A	45	minutes

[illegible]

Total Feet Recovered 4 Recovery Chlorides _____ 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 _____

Extra Equipment-Jars _____ Safety Joint _____ Circulating Sub _____ Straddle _____
Electronic Recorder No. 91986 Depth 4451 Extra Packer (3rd) _____ Hook Wall _____
Bottom Recorder No 4337 Depth 4452 Extra Packer (4th) _____ Sampler _____
Tool Operator John Approved By _____

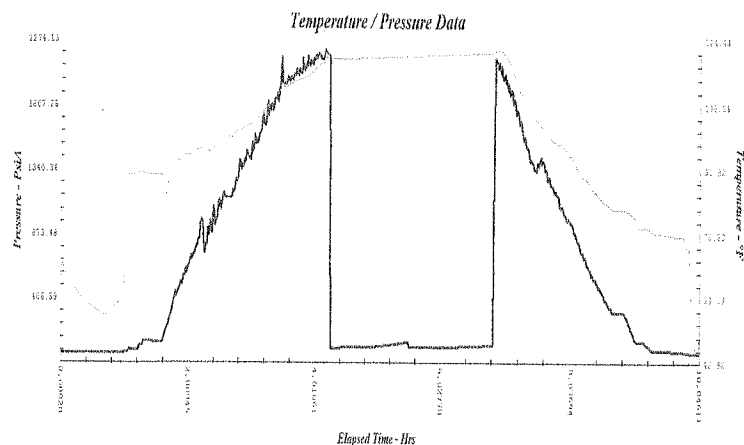
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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	2163
2	Initial Flow Pressure	49
3	Final Initial Flow Pressure	56
4	Initial Shut-In Pressure	91
5	Initial Final Flow Pressure	50
6	Final Flow Pressure	55
7	Final Shut-In Pressure	67
8	Final Hydrostatic Pressure	2144

Maximum Temperature 121

GENERAL INFORMATION

COMPANY NAME HARTMAN OIL CO. INC.

TEST DATE 11/19/07

LEASE AND WELL NUMBER MP STUTZ 1-25

SECTION-TOWN-RANGE 25-16-26W

FORMATION TESTED FT. SCOTT

STATE KANSAS

DRILL STEM TEST NUMBER 1

COUNTY NESS

REPORT NUMBER 15221

ELEVATION GROUND LEVEL 2603

ELEVATION KELLY BUSHINGS 2614

COMPANY REPRESENTATIVE JOSH AUSTIN

TESTING ENGINEER KEVIN WEBSTER

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4410

TOP PACKER DEPTH 4405

TEST INTERVAL (to) 4455

BOTTOM PACKER DEPTH 4410

ANCHOR LENGTH 45

NUMBER OF PACKERS 2

TOTAL DEPTH (ft) 4455

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

FINAL OPEN

TOOL OPEN (from) 12:32

TOOL OPEN (from) 1:47

TOOL OPEN (to) 1:02

TOOL OPEN (to) 2:17

DURATION (min.) 30

DURATION (min.) 30

INITIAL SHUT-IN

FINAL SHUT-IN

TOOL CLOSED (from) 1:02

TOOL CLOSED (from) 2:17

TOOL CLOSED (to) 1:47

TOOL CLOSED (to) 3:02

DURATION (min.) 45

DURATION (min.) 45

INITIAL FLOW

WEAK SURFACE BLOW DIED IN 15 MINUTES

FINAL FLOW

NO BLOW

Company: HARTMAN OIL CO. INC. Lease & Well No. MP STUTZ 1-25 Test #: 1 Date: 11-19-07 SEC. 25
TWP. 16 RGE. 26W

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DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	HARTMAN OIL CO. INC.	LEASE AND WELL NUMBER	MP STUTZ 1-25
TEST DATE	11/19/07	FORMATION TESTED	FT. SCOTT
SECTION-TOWN-RANGE	25-16-26W	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	15221
COUNTY	NESS	ELEVATION KELLY BUSHINGS	2614
ELEVATION GROUND LEVEL	2603	TESTING ENGINEER	KEVIN WEBSTER
COMPANY REPRESENTATIVE	JOSH AUSTIN		

EXTRA EQUIPMENT

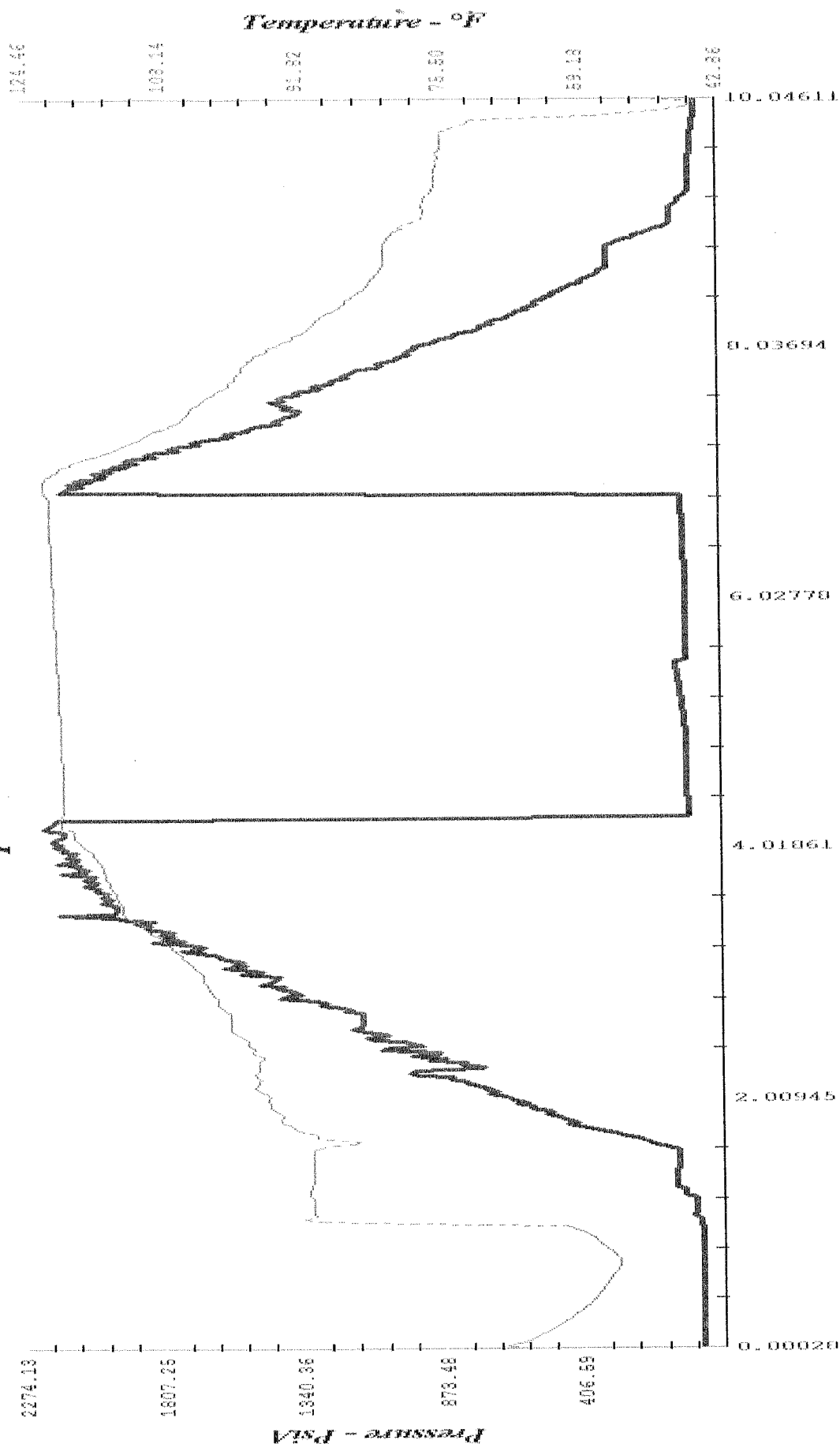
JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
	188 MILES ROUND TRIP FROM	SAMPLER	NO
			GREAT BEND
TOP RECORDER DEPTH	4451	BOTTOM RECORDER DEPTH	4452
RECORDER NUMBER	4023	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	H2 #2	DRILL COLLAR LENGTH	123
DRILL PIPE LENGTH	4270	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

Temperature / Pressure Data



Tool serial number: 4005
 Test start: 11/19/2007 08:22:40

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Initial Opening	125 P.S.I. to 165	P.S.I.	from	8:15 P m to 8:45 P m	30	minutes
Initial Shut-in	1175	P.S.I.	from	8:45 P m to 9:30 P m	45	minutes
Final Opening	167 P.S.I. to 209	P.S.I.	from	9:30 P m to 10:15 P m	45	minutes
Final Shut-in	1046	P.S.I.	from	10:15 P m to 11:15 P m	60	minutes

[illegible]

Extra Equipment-Jars _____ Safety Joint _____ Circulating Sub _____ Straddle _____
Electronic Recorder No. 91986 Depth 4546 Extra Packer (3rd) _____ Hook Wall _____
Bottom Recorder No. 4337 Depth 4547 Extra Packer (4th) _____ Sampler _____
Tool Operator 1 hr Approved By _____

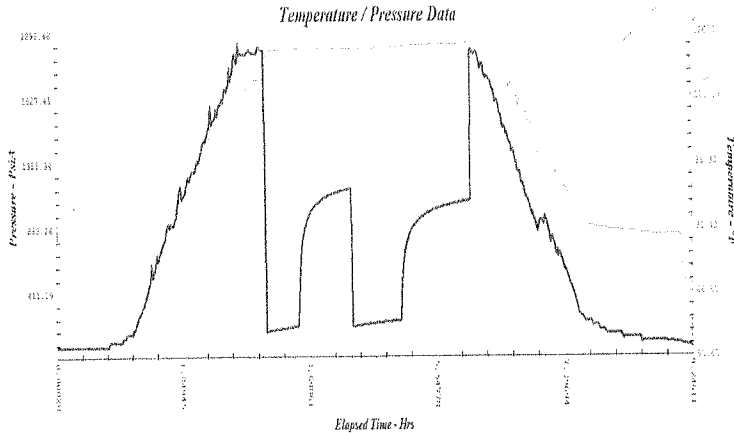
Ticket No. 15222

SUPERIOR TESTERS ENTERPRISES L.L.C.

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	2169
2	Initial Flow Pressure	125
3	Final Initial Flow Pressure	165
4	Initial Shut-In Pressure	1173
5	Initial Final Flow Pressure	167
6	Final Flow Pressure	209
7	Final Shut-In Pressure	1086
8	Final Hydrostatic Pressure	2161

Maximum Temperature 123

GENERAL INFORMATION

COMPANY NAME	 HARTMAN OIL CO. INC.	LEASE AND WELL NUMBER	 MP STUTZ 1-25
TEST DATE	 11/19/07	FORMATION TESTED	 MISSISSIPPI
SECTION-TOWN-RANGE	 25-16-26W	DRILL STEM TEST NUMBER	 2
STATE	 KANSAS	REPORT NUMBER	 15222
COUNTY	 NESS	ELEVATION KELLY BUSHINGS	 2614
ELEVATION GROUND LEVEL	 2603	TESTING ENGINEER	 KEVIN WEBSTER
COMPANY REPRESENTATIVE	 JOSH AUSTIN		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	 4470	TOP PACKER DEPTH	 4465
TEST INTERVAL (to)	 4550	BOTTOM PACKER DEPTH	 4470
ANCHOR LENGTH	 80	NUMBER OF PACKERS	 2
TOTAL DEPTH (ft)	 4550	PACKER SIZE	 6 3/4
		HOLE SIZE	 7 7/8

FLOW TIMES

INITIAL OPEN		FINAL OPEN	
TOOL OPEN (from)	 8:15	TOOL OPEN (from)	 9:30
TOOL OPEN (to)	 8:45	TOOL OPEN (to)	 10:15
DURATION (min.)	 30	DURATION (min.)	 45
INITIAL SHUT-IN		FINAL SHUT-IN	
TOOL CLOSED (from)	 8:45	TOOL CLOSED (from)	 10:15
TOOL CLOSED (to)	 9:30	TOOL CLOSED (to)	 11:15
DURATION (min.)	 45	DURATION (min.)	 60

INITIAL FLOW

STRONG BLOW BUILT TO BOTTOM OF BUCKET IN 26 MINUTES

FINAL FLOW

NO BLOW BUILT TO 8"

Company: HARTMAN OIL CO. INC. Lease & Well No. MP STUTZ 1-25 Test #: 2 Date: 11/19/07 SEC. 23
TWP. 16 RGE. 26W

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	HARTMAN OIL CO. INC.	LEASE AND WELL NUMBER	MP STUTZ 1-25
TEST DATE	11/19/07	FORMATION TESTED	MISSISSIPPI
SECTION-TOWN-RANGE	25-16-26W	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	15222
COUNTY	NESS	ELEVATION KELLY BUSHINGS	2614
ELEVATION GROUND LEVEL	2603	TESTING ENGINEER	KEVIN WEBSTER
COMPANY REPRESENTATIVE	JOSH AUSTIN		

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
	188 MILES ROUND TRIP FROM		GREAT BEND
TOP RECORDER DEPTH	4546	BOTTOM RECORDER DEPTH	4547
RECORDER NUMBER	4023	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	H2 #2	DRILL COLLAR LENGTH	123
DRILL PIPE LENGTH	4332	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

