

Hutchinson Oil Co.
Bookstore 1-25

25-235-13w
15-185-23374

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 08-23-2006 Location 25-235-13w Elevation 1892KB County Stafford

Company Hutchinson Oil Comp Number of Copies 5

Charts Mailed to P.O. Box 521 Derby Kansas 67037

Drilling Contractor WARREN Drilling Rig #2

Length Drill Pipe 3344 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X H.

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars 116 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X H.

Top Packer Depth 3475 Bottom Packer Depth 3480 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3480 TO 3540 ANCHOR LENGTH 60 TOTAL DEPTH 3540 Hole Size 7 7/8"

LEASE & WELL NO. Bookstore #1-25 FORMATION TESTED "Kansas City" TEST NO. 1

Mud Weight 9.4 Viscosity 65 Water Loss 12.0% Chlorides - Pits 5500 D.S.T. _____

Maximum Temp. 110 °F Initial Hydrostatic Pressure (A) 1751 P.S.I. Final Hydrostatic Pressure (H) 1673 P.S.I.

Tool Open I.F.P. from 5:30 pm to 6:00 m 30 min

Tool Closed I.C.I.P. from 6:00 pm to 6:45 m 45 min

Tool Open F.F.P. from 6:45 pm to 7:15 m 30 min

Tool Closed F.C.I.P. from 7:15 pm to 8:15 m 60 min

from [B] <u>63</u> P.S.I. to [C] <u>73</u> P.S.I.
[D] <u>1309</u> P.S.I.
from [E] <u>63</u> P.S.I. to [F] <u>73</u> P.S.I.
[G] <u>1314</u> P.S.I.

Initial Blow Straw Blow built to the bottom of a 5 Gallon Bucket in less than 1 min

Final Blow Straw Blow built to the bottom of a 5 Gallon Bucket in less than 1 min

Total Feet Recovered _____ Gravity of Oil _____ Corrected

Feet of Gas to Surface 26 minutes into % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of The 1st open 500 Cos flow Report % Gas _____ % Oil _____ % Mud _____ % Water _____

70 Feet of Gassy mud % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Remarks _____

Extra Equipment - Jars NONE Safety Joint NONE Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 91921 Clock No. Electronic Depth 3536 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 4744 Depth 3537 Insurance NONE

Price of Job _____

Tool Operator Don Sully

Approved By _____

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, of for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

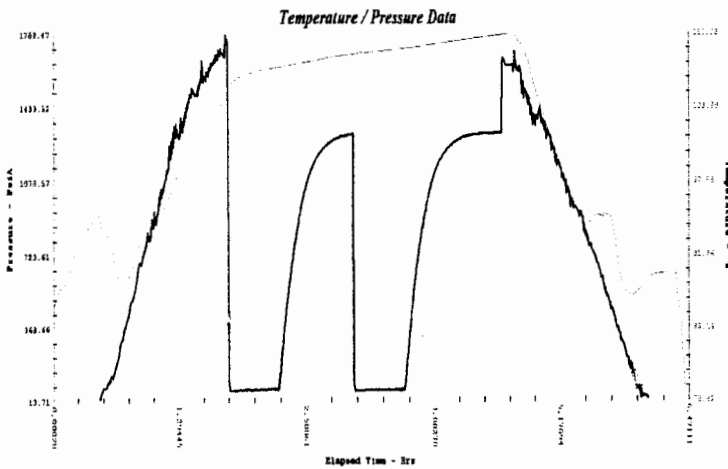
No 14812

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1753
2	Initial Flow Pressure	63
3	Final Initial Flow Pressure	73
4	Initial Shut-In Pressure	1309
5	Initial Final Flow Pressure	63
6	Final Flow Pressure	73
7	Final Shut-In Pressure	1314
8	Final Hydrostatic Pressure	1673
Maximum Temperature		110

GENERAL INFORMATION

COMPANY NAME HUTCHINSON OIL COMPANY	
TEST DATE 8/23/06	LEASE AND WELL NUMBER BOOKSTORE #1-25
SECTION-TOWN-RANGE 25-23S-13W	FORMATION TESTED KANSAS CITY
STATE KANSAS	DRILL STEM TEST NUMBER 1
COUNTY STAFFORD	REPORT NUMBER 14812
ELEVATION GROUND LEVEL 1884	ELEVATION KELLY BUSHINGS 1892
COMPANY REPRESENTATIVE JOSH AUSTIN	TESTING ENGINEER GENE BUDIG

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3480	TOP PACKER DEPTH 3475
TEST INTERVAL (to) 3540	BOTTOM PACKER DEPTH 3480
ANCHOR LENGTH 60	NUMBER OF PACKERS 2
TOTAL DEPTH (ft) 3540	PACKER SIZE 6 3/4
	HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 5:30	TOOL OPEN (from) 6:45
<i>INITIAL OPEN</i> TOOL OPEN (to) 6:00	<i>FINAL OPEN</i> TOOL OPEN (to) 7:15
DURATION (min.) 30	DURATION (min.) 30
TOOL CLOSED (from) 6:00	TOOL CLOSED (from) 7:15
<i>INITIAL SHUT-IN</i> TOOL CLOSED (to) 6:45	<i>FINAL SHUT-IN</i> TOOL CLOSED (to) 8:15
DURATION (min.) 45	DURATION (min.) 60

INITIAL FLOW STRONG BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN LESS THAN 1 MINUTE

FINAL FLOW STRONG BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN LESS THAN 1 MINUTE

Feet of Recovery	70	RESISTIVITY	AT	DEGREES	CHLORIDES			
		RECOVERY DESCRIPTION			% GAS	% OIL	% MUD	% WATER
1)		GASSY MUD						
2)								
3)								
4)								
5)								

Company: HUTCHINSON OIL COMPANY Lease & Well No. BOOKSTORE #1-25 Test #: 1 Date: 08-25-2006 SEC. 25 TWP. 23S RGE. 13W

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME HUTCHINSON OIL COMPANY
TEST DATE 8/23/06
SECTION-TOWN-RANGE 25-23S-13W
STATE KANSAS
COUNTY STAFFORD
ELEVATION GROUND LEVEL 1884
COMPANY REPRESENTATIVE JOSH AUSTIN
LEASE AND WELL NUMBER BOOKSTORE #1-25
FORMATION TESTED KANSAS CITY
DRILL STEM TEST NUMBER 1
REPORT NUMBER 14812
ELEVATION KELLY BUSHINGS 1892
TESTING ENGINEER GENE BUDIG

EXTRA EQUIPMENT

JARS NO
SAFETY JOINT NO
ELECTRONIC RECORDER YES
CIRCULATING SUB NO
54 MILES ROUND TRIP FROM GREAT BEND
TOP RECORDER DEPTH 3536
RECORDER NUMBER 91971
EXTRA PACKER (3RD) NO
EXTRA PACKER (4TH) NO
STRADDLE NO
HOOK WALL NO
SAMPLER NO
BOTTOM RECORDER DEPTH 3537
RECORDER NUMBER 3876

WELL INFORMATION

DRILLING CONTRACTOR WARREN DRILLING RIG #2
DRILL PIPE LENGTH 3344
DRILL PIPE I.D. 3.8
TOOL JOINT SIZE 4 1/2 X.H.
WEIGHT PIPE LENGTH
WEIGHT PIPE I.D. 2.25
TOOL JOINT SIZE 4 1/2 X.H.
DRILL COLLAR LENGTH 116
DRILL COLLAR I.D. 2.25
TOOL JOINT SIZE 4 1/2 X.H.
MUD WEIGHT #/GAL 9.2
VISCOSITY 65
WATER LOSS 12
CHLORIDES-PITS 55000
CHLORIDES-DST

COMMENTS

SUPERIOR TESTERS ENTERPRISES L.L.C.

GREAT BEND, KANSAS

GAS FLOW RATE

(800) 792-6902

#

STATE KANSAS	Test Date 1/0/1900
COUNTY STAFFORD	Sec Town Range25-23S-13W
FIELD	Report Number 14812

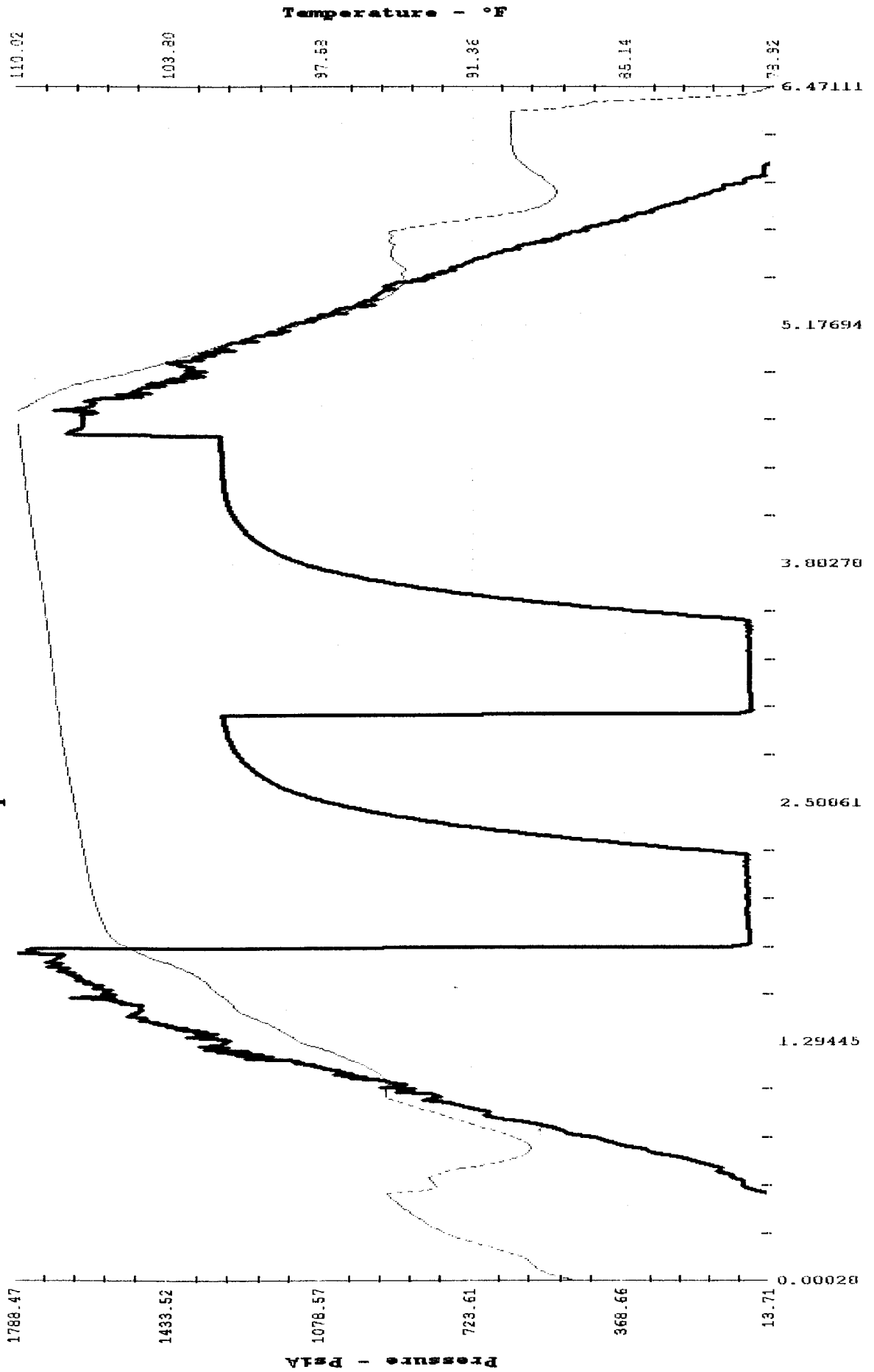
Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED AT 5:30 WITH GAS TO SURFACE IN 26 MINUTES AT 5:56	6:00	30	6			1/2	15.400
THERE WAS A GAS SAMPLE TAKEN							

Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
	6:55	10	15			1/2	24.500
	7:05	20	15			1/2	24.500
	7:15	30	15			5 1/2	24.500

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

1900 KB

08-24-2006 Location 4 1/4 25-23-13 W Elevation 18946 County Stafford

Company Hutchinson Oil Company Number of Copies 5

Address Mailed to P.O. Box 521 Derby Kansas 67037

Drilling Contractor Warren Drilling Co #2

Length Drill Pipe 3360 I.D. Drill Pipe 380 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe None I.D. Weight Pipe None Tool Joint Size None

Length Drill Collars 116 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 3590 Bottom Packer Depth 3595 Number of Packers 2 Packer Size 6 3/4"

STATED FROM 3395 TO 3640 ANCHOR LENGTH 40 TOTAL DEPTH 3640 Hole Size 7 7/8"

LEASE & WELL NO. Bookstore #1-25 FORMATION TESTED Kansas City "H-E" TEST NO. 2

Fluid Weight 9.2 Viscosity 65 Water Loss 12% Chlorides - Pits 5500 D.S.T.

Maximum Temp. 110 °F Initial Hydrostatic Pressure (A) 1829 P.S.I. Final Hydrostatic Pressure (H) 1732 P.S.I.

Tool Open I.F.P. from 1:15 p.m. to 1:45 p.m. 30 min

Tool Closed I.C.I.P. from 1:45 p.m. to 2:30 p.m. 45 min

Tool Open F.F.P. from 2:30 p.m. to 3:00 p.m. 30 min

Tool Closed F.C.I.P. from 3:00 p.m. to 4:00 p.m. 60 min

Initial Blow Strong Blow - Gas in 3 minutes

Final Blow Strong Blow - See Gas Flow Report

Total Feet Recovered 190 Gravity of Oil _____ Corrected

<u>190</u> Feet of <u>Gassy muddy frothy oil</u>	% Gas	% Oil	% Mud	% Water
_____ Feet of _____	% Gas	% Oil	% Mud	% Water
_____ Feet of <u>Would not grind out</u>	% Gas	% Oil	% Mud	% Water
_____ Feet of <u>Guess approx. 15-20 oil</u>	% Gas	% Oil	% Mud	% Water
_____ Feet of _____	% Gas	% Oil	% Mud	% Water
_____ Feet of _____	% Gas	% Oil	% Mud	% Water
_____ Feet of _____	% Gas	% Oil	% Mud	% Water
_____ Feet of _____	% Gas	% Oil	% Mud	% Water
_____ Feet of _____	% Gas	% Oil	% Mud	% Water
_____ Feet of _____	% Gas	% Oil	% Mud	% Water

Remarks _____

Extra Equipment - Jars None Safety Joint None Extra Packer None Straddle None Hook Wall None

Top Recorder No. 91981 Clock No. Electronic Depth 3636 Cir. Sub None Sampler None

Bottom Recorder No. 5463 Clock No. 4744 Depth 3637 Insurance None

Price of Job _____

Tool Operator Gene Ludwig

Approved By _____

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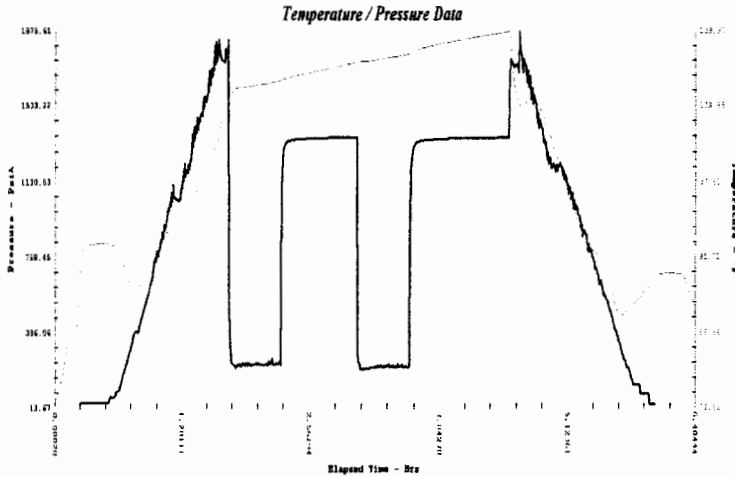
NO 14813

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



- | | | |
|---|------------------------------|------|
| 1 | Initial Hydrostatic Pressure | 1829 |
| 2 | Initial Flow Pressure | 215 |
| 3 | Final Initial Flow Pressure | 235 |
| 4 | Initial Shut-In Pressure | 1348 |
| 5 | Initial Final Flow Pressure | 239 |
| 6 | Final Flow Pressure | 212 |
| 7 | Final Shut-In Pressure | 1346 |
| 8 | Final Hydrostatic Pressure | 1732 |

Maximum Temperature 110

GENERAL INFORMATION

COMPANY NAME HUTCHINSON OIL COMPANY	
TEST DATE 8/24/06	LEASE AND WELL NUMBER BOOKSTORE #1-25
SECTION-TOWN-RANGE 25-23S-13W	FORMATION TESTED KANSAS CITY "H & I"
STATE KANSAS	DRILL STEM TEST NUMBER 2
COUNTY STAFFORD	REPORT NUMBER 14813
ELEVATION GROUND LEVEL 1894	ELEVATION KELLY BUSHINGS 1900
COMPANY REPRESENTATIVE JOSH AUSTIN	TESTING ENGINEER GENE BUDIG

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3595	TOP PACKER DEPTH 3590
TEST INTERVAL (to) 3635	BOTTOM PACKER DEPTH 3595
ANCHOR LENGTH 40	NUMBER OF PACKERS 2
TOTAL DEPTH (ft) 3635	PACKER SIZE 6 3/4
	HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 1:15	TOOL OPEN (from) 2:30
INITIAL OPEN TOOL OPEN (to) 1:45	FINAL OPEN TOOL OPEN (to) 3:00
DURATION (min.) 30	DURATION (min.) 30
TOOL CLOSED (from) 1:45	TOOL CLOSED (from) 3:00
INITIAL SHUT-IN TOOL CLOSED (to) 2:30	FINAL SHUT-IN TOOL CLOSED (to) 4:00
DURATION (min.) 45	DURATION (min.) 60

INITIAL FLOW **STRONG BLOW WITH GAS TO SURFACE IN 3 MINUTES**

FINAL FLOW **STRONG BLOW-SEE GAS FLOW REPORT**

Feet of Recovery	RESISTIVITY	AT	DEGREES	CHLORIDES			
	RECOVERY DESCRIPTION			% GAS	% OIL	% MUD	% WATER
1) 190	GASSY MUDDY FROTHY OIL						
2)	WOULD NOT GRIND OUT APPROX 15-20 % OIL CUT						
3)							
4)							
5)							

Company: HUTCHINSON OIL COMPANY Lease & Well No. BOOKSTORE #1-25 Test #: 2 Date: 08-24-2006
 SEC. 25 TWP. 23S RGE. 13W

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	HUTCHINSON OIL COMPANY	LEASE AND WELL NUMBER	BOOKSTORE #1-25
TEST DATE	8/24/06	FORMATION TESTED	KANSAS CITY "H & I"
SECTION-TOWN-RANGE	25-23S-13W	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	14813
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1900
ELEVATION GROUND LEVEL	1894	TESTING ENGINEER	GENE BUDIG
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
	54 MILES ROUND TRIP FROM	SAMPLER	NO
	GREAT BEND		
TOP RECORDER DEPTH	3636	BOTTOM RECORDER DEPTH	3637
RECORDER NUMBER	91971	RECORDER NUMBER	3875

WELL INFORMATION

DRILLING CONTRACTOR	WARREN DRILLING RIG #2		
DRILL PIPE LENGTH	3360	DRILL COLLAR LENGTH	116
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	9.2
WEIGHT PIPE I.D.	2.25	VISCOSITY	65
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	12
		CHLORIDES-PITS	5500
		CHLORIDES-DST	

COMMENTS

SUPERIOR TESTERS ENTERPRISES L.L.C.

GREAT BEND, KANSAS

GAS FLOW RATE

(800) 792-6902

#

STATE..... KANSAS	Test Date 1/0/1900
COUNTY..... STAFFORD	Sec Town Range 25-23S-13W
FIELD.....	Report Number 14813

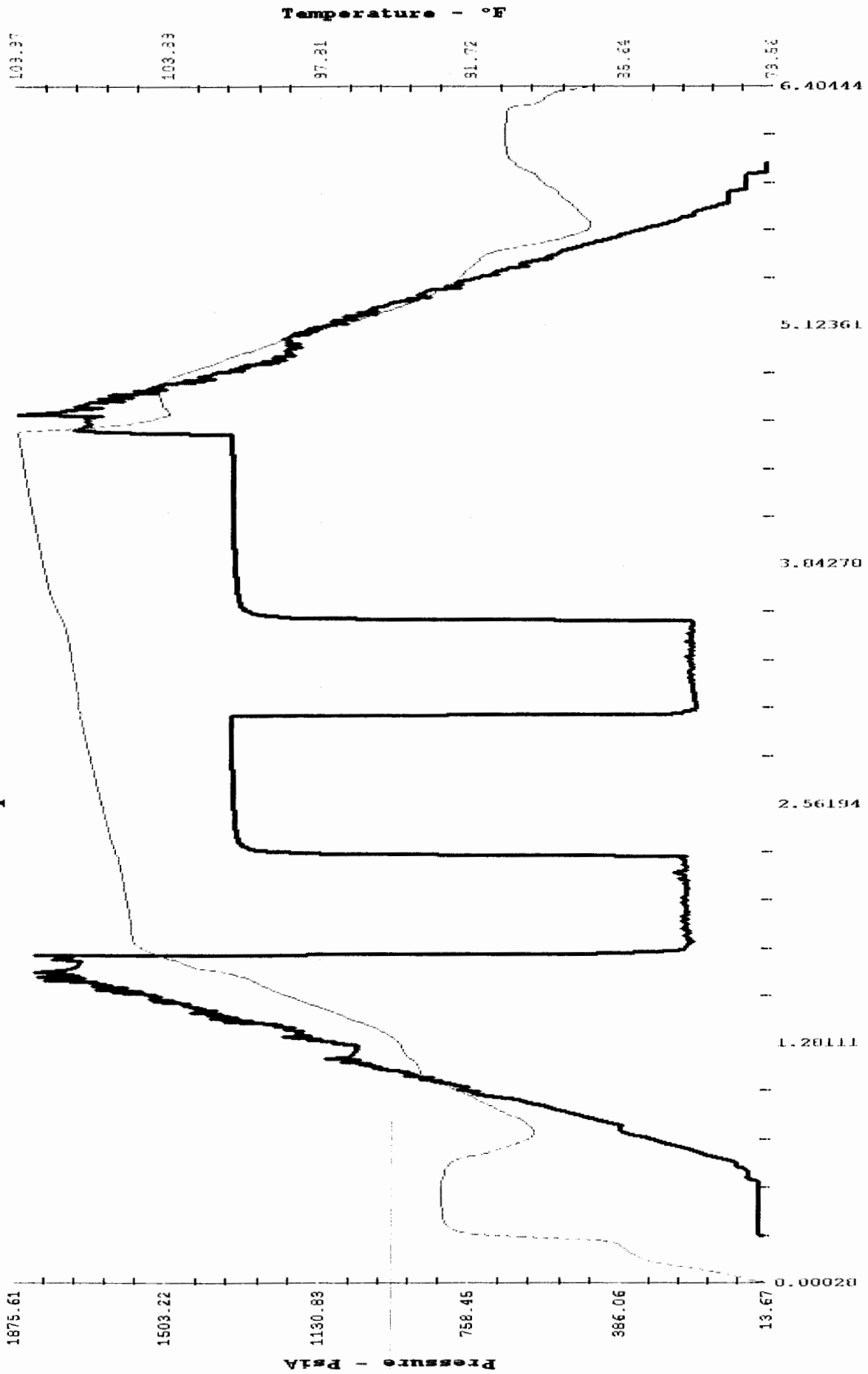
Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (In)	Gas Rate (MCF/Day)
TOOL OPENED	1:20	5		4.5		1 1/2	814.000
AT 1:15	1:25	10		6		1 1/2	953.000
WITH GAS TO	1:35	20		6		1 1/2	953.000
SURFACE IN 3 MINUTES AT 1:18	1:45	30		6		1 1/2	953.000

Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (In)	Gas Rate (MCF/Day)
TOOL OPENED	2:40	10		6		1 1/2	953.000
AT 2:30	2:50	20		6.25		1 1/2	974.000
	3:00	30		6.25		1 1/2	974.000
THERE WAS A GAS SAMPLE TAKEN							

Temperature / Pressure Data



Hutchinson Oil Co.
Bookstore 1-25

25-23s-13w
15-185-23374

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530
(316) 792-6902

Date 08-25-2006 Location SE 1/4 25-23s-13w Elevation 1900 KB County Stafford
County Stafford

Company Hutchinson Oil Company Number of Copies 5

Charts Mailed to P.O. Box 521 Derby Kansas 67037

Drilling Contractor WARREN Drilling Dis #2

Length Drill Pipe 3557 I.D. Drill Pipe 380 Tool Joint Size 4 1/2" X H

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars 58 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X H

Top Packer Depth 3629 Bottom Packer Depth 3634 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3634 TO 3685 ANCHOR LENGTH 51 TOTAL DEPTH 3685 Hole Size 7 7/8

LEASE & WELL NO. Bookstore #1-25 FORMATION TESTED KANSAS #1 JK TEST NO. 3

Mud Weight 9.2 Viscosity 50 Water Loss 157 Chlorides - Pits 5000 D.S.T. _____

Maximum Temp. 113 °F Initial Hydrostatic Pressure (A) 1816 P.S.I. Final Hydrostatic Pressure (H) 1712 P.S.I.

Tool Open I.F.P. from 8:15 am to 8:45 am 30 min

from [B] 248 P.S.I. to [C] 345 P.S.I.
[D] 1210 P.S.I.
from [E] 397 P.S.I. to [F] 537 P.S.I.
[G] 1198 P.S.I.

Tool Closed I.C.I.P. from 8:45 am to 9:30 am 45 min

Tool Open F.F.P. from 9:30 am to 10:15 am 45 min

Tool Closed F.C.I.P. from 10:15 am to 11:15 am 60 min

Initial Blow Straw Blow with Gas to Surface in 9 minutes

Final Blow Straw Blow - See Gas flow Report

Total Feet Recovered 2400 Gravity of Oil 33 Corrected

120 Feet of Gas cut mud % Gas _____ % Oil _____ % Mud _____ % Water _____

280 Feet of Very Gassy Muddy Frothy Oil % Gas _____ % Oil _____ % Mud _____ % Water _____

2000 Feet of CLEAN Gassy Oil 45 % Gas 55 % Oil 0 % Mud 0 % Water

Feet of Gravity 33 corrected % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Remarks _____

Extra Equipment - Jars NONE Safety Joint NONE Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 91981 Clock No. Electron Depth 3682 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 47441 Depth 3683 Insurance NONE

Price of Job _____

Tool Operator Don Gault

Approved By _____

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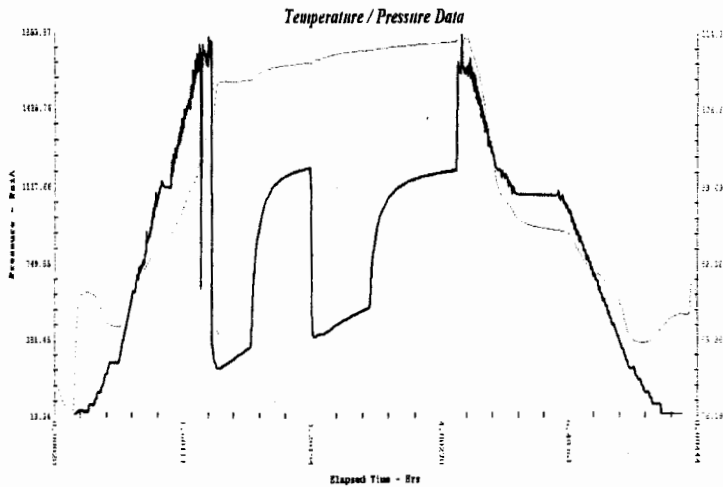
No 14814

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



- | | | |
|---|------------------------------|------|
| 1 | Initial Hydrostatic Pressure | 1816 |
| 2 | Initial Flow Pressure | 248 |
| 3 | Final Initial Flow Pressure | 345 |
| 4 | Initial Shut-In Pressure | 1210 |
| 5 | Initial Final Flow Pressure | 397 |
| 6 | Final Flow Pressure | 537 |
| 7 | Final Shut-In Pressure | 1198 |
| 8 | Final Hydrostatic Pressure | 1712 |

Maximum Temperature 113

GENERAL INFORMATION

COMPANY NAME HUTCHINSON OIL COMPANY

TEST DATE 8/25/06

SECTION-TOWN-RANGE 25-23S-13W

STATE KANSAS

COUNTY STAFFORD

ELEVATION GROUND LEVEL 1894

COMPANY REPRESENTATIVE JOSH AUSTIN

LEASE AND WELL NUMBER BOOKSTORE #1-25

FORMATION TESTED KANSAS CITY "J-K"

DRILL STEM TEST NUMBER 3

REPORT NUMBER 14814

ELEVATION KELLY BUSHINGS 1900

TESTING ENGINEER GENE BUDIG

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3634

TEST INTERVAL (to) 3685

ANCHOR LENGTH 51

TOTAL DEPTH (ft) 3685

TOP PACKER DEPTH 3629

BOTTOM PACKER DEPTH 3634

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 8:15

INITIAL OPEN

TOOL OPEN (to) 8:45

DURATION (min.) 30

FINAL OPEN

TOOL OPEN (from) 9:30

TOOL OPEN (to) 10:15

DURATION (min.) 45

TOOL CLOSED (from) 8:45

INITIAL SHUT-IN

TOOL CLOSED (to) 9:30

DURATION (min.) 45

FINAL SHUT-IN

TOOL CLOSED (from) 10:15

TOOL CLOSED (to) 11:15

DURATION (min.) 60

INITIAL FLOW

STRONG BLOW WITH GAS TO SURFACE IN 4 MINUTES

FINAL FLOW

STRONG BLOW-SEE GAS FLOW REPORT

Feet of Recovery	RESISTIVITY	AT	DEGREES	CHLORIDES			
				% GAS	% OIL	% MUD	% WATER
	RECOVERY DESCRIPTION						
1) 120	GASSY MUD						
2) 280	VERY GASSY MUDDY FROTHY OIL						
3) 2000	CLEAN GASSY OIL						
4)	Gravity 33 corrected						
5)							

Company: HUTCHINSON OIL COMPANY Lease & Well No. BOOKSTORE #1-25 Test #: 3 Date: 08-25-2006 SEC. 25 TWP. 23S RGE. 13W

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME HUTCHINSON OIL COMPANY
TEST DATE 8/25/06
SECTION-TOWN-RANGE 25-23S-13W
STATE KANSAS
COUNTY STAFFORD
ELEVATION GROUND LEVEL 1894
COMPANY REPRESENTATIVE JOSH AUSTIN
LEASE AND WELL NUMBER BOOKSTORE #1-25
FORMATION TESTED KANSAS CITY "J-K"
DRILL STEM TEST NUMBER 3
REPORT NUMBER 14814
ELEVATION KELLY BUSHINGS 1900
TESTING ENGINEER GENE BUDIG

EXTRA EQUIPMENT

JARS NO
SAFETY JOINT NO
ELECTRONIC RECORDER YES
CIRCULATING SUB NO
54 MILES ROUND TRIP FROM GREAT BEND
TOP RECORDER DEPTH 3638
RECORDER NUMBER 91971
EXTRA PACKER (3RD) NO
EXTRA PACKER (4TH) NO
STRADDLE NO
HOOK WALL NO
SAMPLER NO
BOTTOM RECORDER DEPTH 3639
RECORDER NUMBER 3875

WELL INFORMATION

DRILLING CONTRACTOR WARREN DRILLING RIG #2
DRILL PIPE LENGTH 3557
DRILL PIPE I.D. 3.8
TOOL JOINT SIZE 4 1/2 X.H.
WEIGHT PIPE LENGTH
WEIGHT PIPE I.D. 2.25
TOOL JOINT SIZE 4 1/2 X.H.
DRILL COLLAR LENGTH 58
DRILL COLLAR I.D. 2.25
TOOL JOINT SIZE 4 1/2 X.H.
MUD WEIGHT #GAL 9.2
VISCOSITY 50
WATER LOSS 15.2
CHLORIDES-PITS 5000
CHLORIDES-DST

COMMENTS

SUPERIOR TESTERS ENTERPRISES L.L.C.

GREAT BEND, KANSAS

GAS FLOW RATE

(800) 792-6902

#

STATE..... KANSAS	Test Date 1/0/1900
COUNTY..... STAFFORD	Sec Town Range 25-23S-13W
FIELD.....	Report Number 14814

Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED AT	8:20	5	11			1 1/4	145.000
8:15	8:25	10	8			1 1/4	124.000
WITH GAS	8:35	20	4			1 1/4	87.800
TO SURFACE IN	8:45	30	2			1 1/4	62.000
4 MINUTES							
AT 8:19							

Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
	9:38	8	62			1/4	12.200
	9:40	10	12			1 1/4	152.000
	9:50	20	14			3/4	53.300
	10:00	30	6			3/4	34.700
	10:10	40	30			1/2	34.200
	10:15	45	26			1/2	33.200

Temperature / Pressure Data

