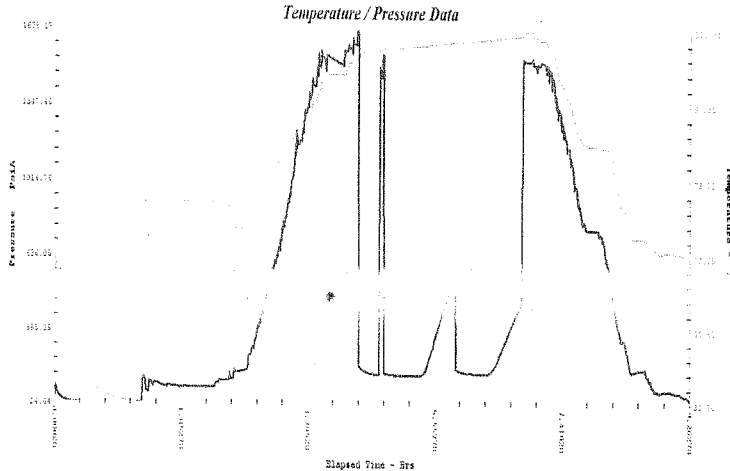


SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1672
2	Initial Flow Pressure	196
3	Final Initial Flow Pressure	152
4	Initial Shut-In Pressure	590
5	Initial Final Flow Pressure	181
6	Final Flow Pressure	152
7	Final Shut-In Pressure	479
8	Final Hydrostatic Pressure	1512

Maximum Temperature 99

GENERAL INFORMATION

COMPANY NAME BIGHORN OIL COMPANY INC.

TEST DATE 1/21/07

SECTION-TOWN-RANGE 1-18-14W

STATE KANSAS

COUNTY BARTON

ELEVATION GROUND LEVEL 1837

COMPANY REPRESENTATIVE JIM MUSGROVE

LEASE AND WELL NUMBER H.J. REIDEL #3

FORMATION TESTED LANSING A-F

DRILL STEM TEST NUMBER 1

REPORT NUMBER 14128

ELEVATION KELLY BUSHINGS 1842

TESTING ENGINEER KEVIN WEBSTER

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3093

TEST INTERVAL (to) 3170

ANCHOR LENGTH 77

TOTAL DEPTH (ft) 3170

TOP PACKER DEPTH 3088

BOTTOM PACKER DEPTH 3093

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 7:50

INITIAL OPEN TOOL OPEN (to) 8:20

DURATION (min.) 30

TOOL OPEN (from) 8:50

FINAL OPEN TOOL OPEN (to) 9:20

DURATION (min.) 30

TOOL CLOSED (from) 8:20

INITIAL SHUT-IN TOOL CLOSED (to) 8:50

DURATION (min.) 30

TOOL CLOSED (from) 9:20

FINAL SHUT-IN TOOL CLOSED (to) 9:50

DURATION (min.) 30

INITIAL FLOW

WEAK BLOW BUILT TO 1"

FINAL FLOW

BLOW DIED IN 1 MINUTE

RESISTIVITY AT DEGREES CHLORIDES

FEET OF	RECOVERY	%	%	%	%
Recovery	DESCRIPTION	GAS	OIL	MUD	WATER
1) 60	drill mud			100	
2)					
3)					
4)					
5)					

Company: BIGHORN OIL COMPANY INC. Lease & Well No: H.J. REIDEL #3 Test #: 1 Date: 1/21/07 SEC.
 1 TWP. 18 RGE. 14W

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	BIGHORN OIL COMPANY INC.	LEASE AND WELL NUMBER	H.J. REIDEL #3
TEST DATE	1/21/07	FORMATION TESTED	LANSEING A-F
SECTION-TOWN-RANGE	1-18-14W	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	14128
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1842
ELEVATION GROUND LEVEL	1837	TESTING ENGINEER	KEVIN WEBSTER
COMPANY REPRESENTATIVE	JIM MUSGROVE		

EXTRA EQUIPMENT

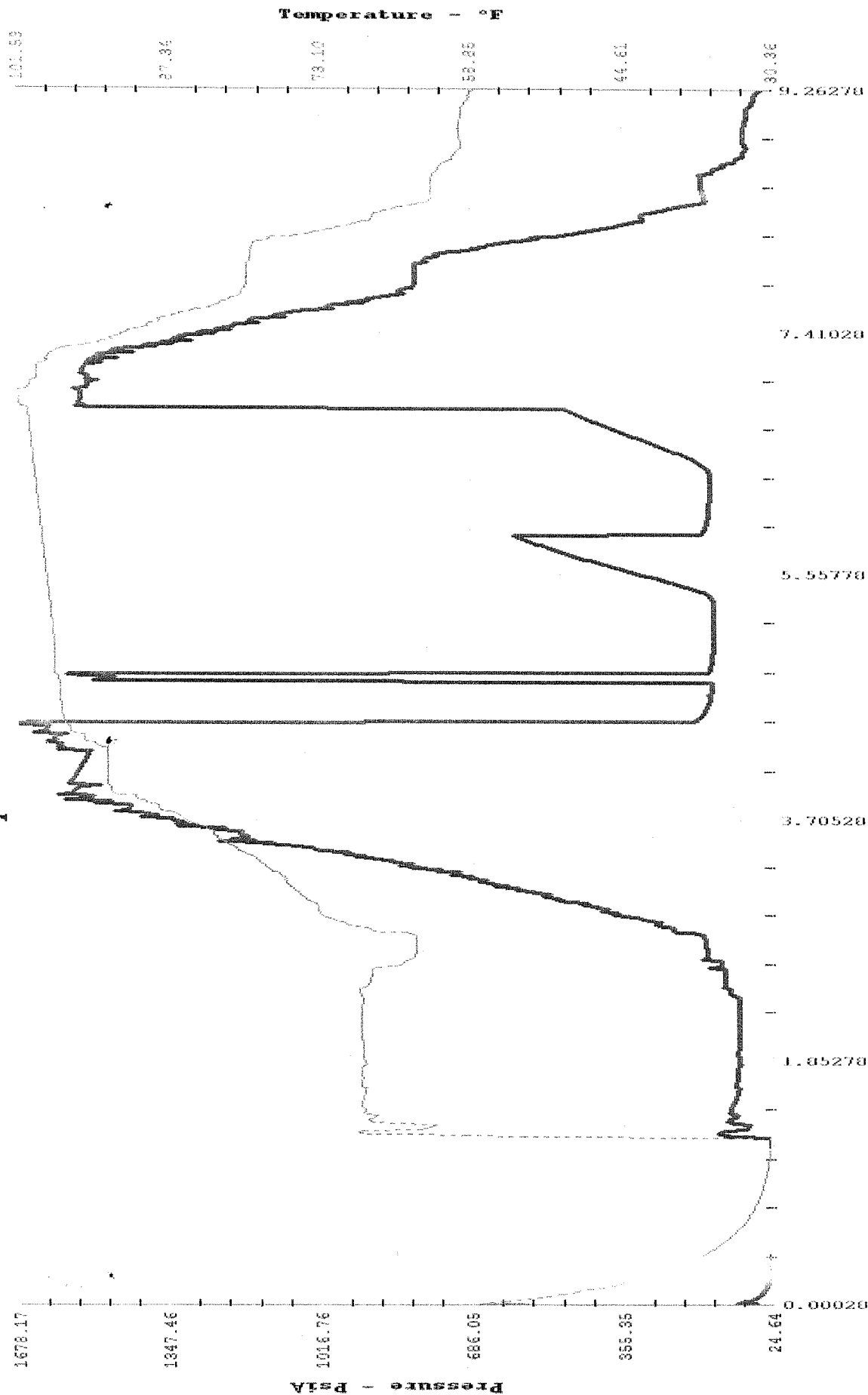
JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	30 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3166	BOTTOM RECORDER DEPTH	3167
RECORDER NUMBER	91981	RECORDER NUMBER	5463

WELL INFORMATION

DRILLING CONTRACTOR	LANDMARK #2	DRILL COLLAR LENGTH	226
DRILL PIPE LENGTH	3190	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.		
WEIGHT PIPE LENGTH	NONE	MUD WEIGHT #/GAL	9.4
WEIGHT PIPE I.D.	2.25	VISCOSITY	52
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	12.4
		CHLORIDES-PITS	8,000
		CHLORIDES-DST	

COMMENTS

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 1/27/07 Location 1-18-14w Elevation 1837 County BARTON

Company BIGHAM OIL COMPANY INC. Number of Copies 5

Charts Mailed to PO BOX 263 GREAT BEND, KS 67530

Drilling Contractor LANDMARK #2

Length Drill Pipe 2912 I.D. Drill Pipe 3.8 Tool Joint Size 4.5

Length Weight Pipe 2 I.D. Weight Pipe 3.8 Tool Joint Size 4.5

Length Drill Collars 226 I.D. Drill Collars 2.25 Tool Joint Size 4.0

Top Packer Depth 3155 Bottom Packer Depth 3160 Number of Packers 2 Packer Size 6.75

TESTED FROM 3160 TO 3200 ANCHOR LENGTH 60 TOTAL DEPTH 3200 Hole Size 7.75

LEASE & WELL NO. H.D. Reidel #3 FORMATION TESTED LANCING F-6 TEST NO. 2

Mud Weight 9.4 Viscosity 44 Water Loss 16.4 Chlorides - Pits 10,000 D.S.T. 10,000

Maximum Temp. 98 °F Initial Hydrostatic Pressure (A) 1672 P.S.I. Final Hydrostatic Pressure (H) 1525 P.S.I.

Tool Open I.F.P. from 10:20 A to 10:50 A 30 min

Tool Closed I.C.I.P. from 10:50 A to 11:20 A 30 min

Tool Open F.F.P. from 11:20 A to 11:50 P 30 min

Tool Closed F.C.I.P. from 11:50 P to 12:20 P 30 min

Initial Blow good blow built to 20"

Final Blow weak surface blow

Total Feet Recovered 120' Fluid

60 Feet of water cut mud

60 Feet of Drill mud

Feet of _____

Feet of _____

Feet of _____

Feet of _____

Feet of _____

Feet of _____

Feet of _____

Feet of _____

Feet of _____

Feet of _____

Feet of _____

Feet of _____

Feet of _____

Feet of _____

Feet of _____

Feet of _____

Feet of _____

Feet of _____

from [B] <u>190</u>	P.S.I. to [C] <u>166</u>	P.S.I.
[D] <u>900</u>		P.S.I.
from [E] <u>199</u>	P.S.I. to [F] <u>186</u>	P.S.I.
[G] <u>726</u>		P.S.I.

Gravity of Oil _____ Corrected _____

60 Feet of water cut mud %Gas _____ %Oil 90 %Mud 10 %Water

60 Feet of Drill mud %Gas _____ %Oil 100 %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

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

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

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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

Extra Equipment - Jars NO Safety Joint NO Extra Packer NO Straddle NO Hook Wall NO

Top Recorder No. 4025 Clock No. ELECTRONIC Depth 3196 Cir. Sub _____ Sampler NO

Bottom Recorder No. 3875 Clock No. 7441 Depth 3197 Insurance none

Price of Job _____

Tool Operator Kuen

Approved By _____

No 14129

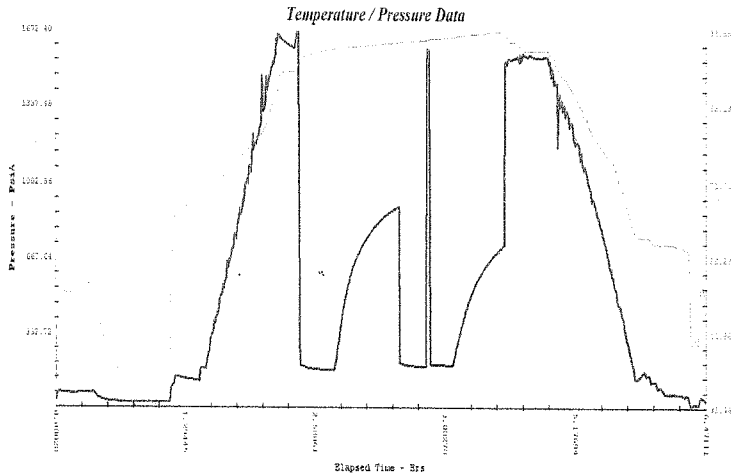
Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, of for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test.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

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



- | | | |
|---|------------------------------|------|
| 1 | Initial Hydrostatic Pressure | 1672 |
| 2 | Initial Flow Pressure | 190 |
| 3 | Final Initial Flow Pressure | 166 |
| 4 | Initial Shut-In Pressure | 900 |
| 5 | Initial Final Flow Pressure | 199 |
| 6 | Final Flow Pressure | 186 |
| 7 | Final Shut-In Pressure | 726 |
| 8 | Final Hydrostatic Pressure | 1525 |

Maximum Temperature 94

GENERAL INFORMATION

COMPANY NAME BIGHORN OIL COMPANY INC.

TEST DATE 1/22/07

LEASE AND WELL NUMBER H. J. REIDEL #3

SECTION-TOWN-RANGE 1-18-14W

FORMATION TESTED LANSING F-G

STATE KANSAS

DRILL STEM TEST NUMBER 2

COUNTY BARTON

REPORT NUMBER 14129

ELEVATION GROUND LEVEL 1837

ELEVATION KELLY BUSHINGS 1842

COMPANY REPRESENTATIVE JIM MUSGROVE

TESTING ENGINEER KEVIN WEBSTER

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3160

TOP PACKER DEPTH 3155

TEST INTERVAL (to) 3200

BOTTOM PACKER DEPTH 3160

ANCHOR LENGTH 40

NUMBER OF PACKERS 2

TOTAL DEPTH (ft) 3200

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 10:20

TOOL OPEN (from) 11:20

INITIAL OPEN TOOL OPEN (to) 10:50

FINAL OPEN TOOL OPEN (to) 11:50

DURATION (min.) 30

DURATION (min.) 30

TOOL CLOSED (from) 10:50

TOOL CLOSED (from) 11:50

INITIAL SHUT-IN TOOL CLOSED (to) 11:20

FINAL SHUT-IN TOOL CLOSED (to) 12:20

DURATION (min.) 30

DURATION (min.) 30

INITIAL FLOW

GOOD BLOW BUILT TO 2"

FINAL FLOW

**WEAK SURFACE BLOW FLUSHED TOOL 15 MINUTES INTO FLOW
SAME BLOW**

RESISTIVITY AT DEGREES CHLORIDES

FEET OF	RECOVERY	RECEIVED	%	%	%	%
Recovery	DESCRIPTION	KANSAS CORPORATION COMMISSION	GAS	OIL	MUD	WATER
1) 60	WATER CUT MUD	DEC 07 2007			90	10
2) 60	DRILL MUD				100	
3)		CONSERVATION DIVISION				
4)		WICHITA, KS				
5)						

Company: BIGHORN OIL COMPANY INC. Lease & Well No: H. J. REIDEL Test #: 2 Date: 1/22/07 SEC. 1
 TWP. 18 RGE. 14W

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	BIGHORN OIL COMPANY INC.	LEASE AND WELL NUMBER	H. J. REIDEL #3
TEST DATE	1/22/07	FORMATION TESTED	LANSING F-G
SECTION-TOWN-RANGE	1-18-14W	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	14129
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1842
ELEVATION GROUND LEVEL	1837	TESTING ENGINEER	KEVIN WEBSTER
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
	30 MILES ROUND TRIP FROM		GREAT BEND
TOP RECORDER DEPTH	3196	BOTTOM RECORDER DEPTH	3197
RECORDER NUMBER	91981	RECORDER NUMBER	5463

WELL INFORMATION

DRILLING CONTRACTOR	LANDMARK #2	DRILL COLLAR LENGTH	226
DRILL PIPE LENGTH	2912	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.		
WEIGHT PIPE LENGTH	NONE	MUD WEIGHT #/GAL	9.4
WEIGHT PIPE I.D.	2.25	VISCOSITY	44
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	16.4
		CHLORIDES-PITS	10,000
		CHLORIDES-DST	

COMMENTS