

SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

YORK #1 KANSAS CITY "H-I-J"

State KANSAS

Test Date November 5, 1997

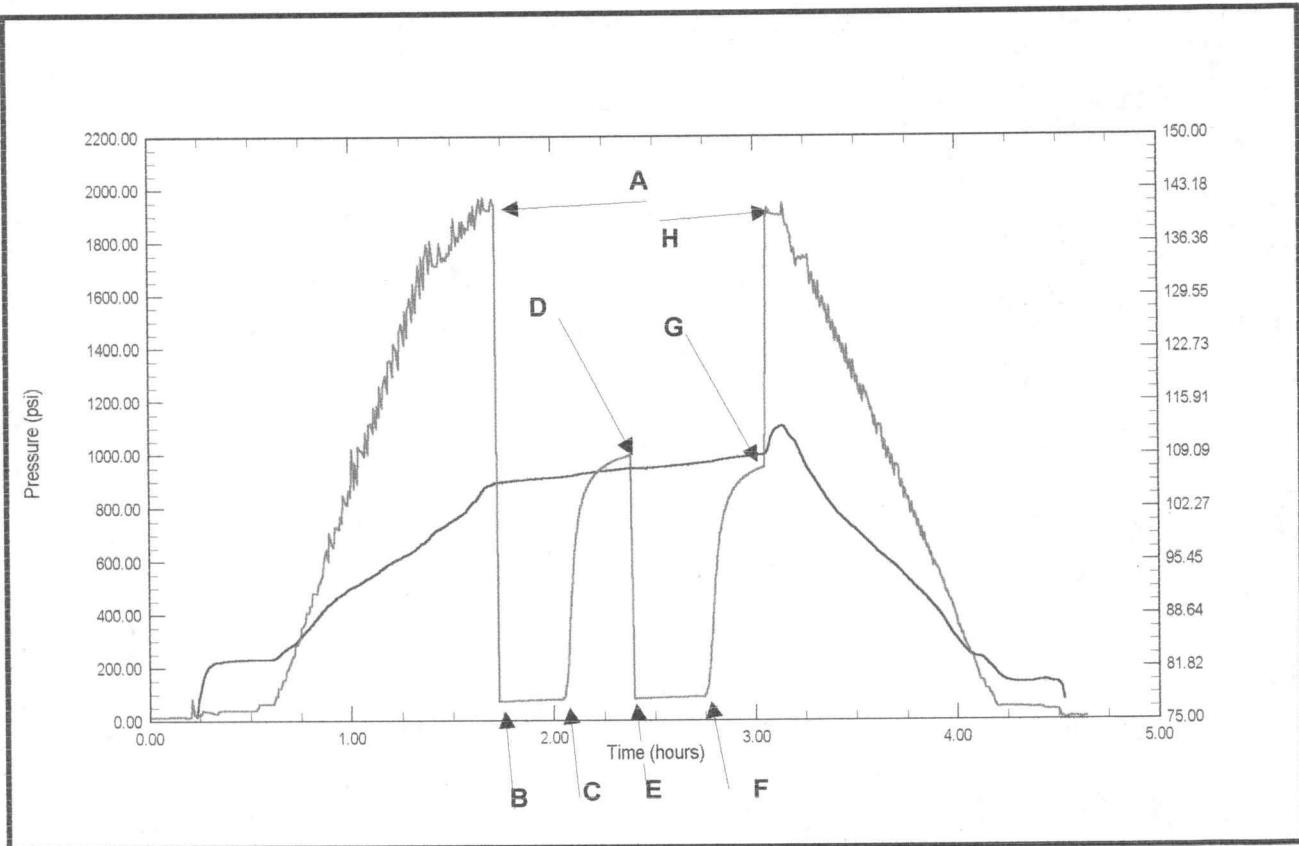
County

Sec Town Range N/W-N/E-S/W 2-16S-3

Field

Report Number 11656

Company: NATIONAL PETROLEUM RESERVES INC. Lease & Well No. YORK #1 Test #: 1 Date: 11-5-1997
 SEC. 2 TWP. 16S RGE. 30W



Field Reading

Office Reading

(A)	Initial Hydrostatic Pressure	1924	psi
(B)	Initial Flow Pressure	71	psi
(C)	Final Initial Flow Pressure	80	psi
(D)	Initial Shut-In Pressure	997	psi
(E)	Initial Final Flow Pressure	82	psi
(F)	Final Flow Pressure	90	psi
(G)	Final Shut-In Pressure	955	psi
(H)	Final Hydrostatic Pressure	1902	psi

ELECTRONIC REECORDER DEPTH3994ft,RECORDER NUMBER78225

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

General Information

Test Company Name SUPERIOR TESTERS ENTERPRISES INC.
Company Name NATIONAL PETROLEUM RESERVES INC.
Lease and Well Number YORK #1
Formation Tested KANSAS CITY "H-I-J"
Test Number 1
State KANSAS
County LANE
Field
Test Date 5-Nov-97
Section Town Range NW-N/E-S/W 2-16S-30W
Report Number 11656
Elevation Ground Level 2639
Elevation Kelly Bushings 2649
Company Representative MIKE DIXON
Testing Engineer GENE BUDIG

Extra Equipment

Jars YES
Safety Joint YES
Extra Packages NO
Straddle No
Hook Wall No
Sampler No
Circulating Sub No
Electronic Recorder YES

Well Information

Drilling Contractor WHITE & ELLIS DRILLING RIG #9

Drill Pipe Length 3879
Drill Pipe I.D. 3.8
Tool Joint Size 4 1/2 XH

Weight Pipe Length
Weight Pipe I.D. 2.76
Tool Joint Size 4 1/2 X.H.

Drill Collar Length
Drill Collar I.D. 2.25
Tool Joint Size 4 1/2 X.H.

Mud Weight #/gal 9.20
Viscosity 44.00
Water Loss 7.2
Chlorides - Pits 1,200
Chlorides - DST

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

Tool Setting Information

Top Packer Depth 3902
Bottom packer Depth 3907
Number of Packers 2
Packer Size 6 3/4

Test Interval (from) 3907
Test Interval (to) 4000.00
Anchor Length 93
Total Depth (ft) 4000
Hole Size (in) 7 7/8

Pressure Readings

	<i>Field Reading</i>	<i>Office Reading</i>
Maximum Temp	112	
Initial Hydrostatic Pressure	1924	
Initial Flow Pressure	71	
Final Initial Flow Pressure	80	
Initial Shut-In Pressure	997	
Initial Final Flow Pressure	82	
Final Flow Pressure	90	
Final Shut-In Pressure	955	
Final Hydrostatic Pressure	1902	
Electronic Recorder Depth	3994	
Recorder Number	78225	
Mechanical Recorder Depth	3997	
Recorder Number	13189	

Comments

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

Flow Times

Initial Open

Tool Open (from) 4:10
 Tool Open (to) 4:30
 Duration (min) 20

Initial Shut-in

Tool Closed (from) 4:30
 Tool Closed (to) 4:50
 Duration (min) 20

Final Open

Tool Open (from) 4:50
 Tool Open (to) 5:10
 Duration (min) 20

Final Shut-in

Tool Closed (from) 5:10
 Tool Closed (to) 5:30
 Duration (min) 20

Recovery Description

Initial Blow WEAK BUILDING BLOW BUILT TO 1 INCH INTO THE WATER AND DECREASED TO A WEAK 1/4 INCH BLOW INTO THE WATER AT THE END OF THE 1ST OPENING

Final Blow VERY WEAK SURFACE BLOW THROUGH OUT

Description	Feet of Recovery	% Gas	% Oil	% Mud	% Water
1) DRILLING MUD WITH A SHOW OF OIL BETWEEN	50				
2) THE SHUT-IN AND HYDROLIC TOOLS					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					
Total	50				

Superior Testers Enterprises, Inc.

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

Date 11-5-1997 Location NW-NE-9W 2-16^S-30^W Elevation 2649 K.B. County LANG
Company NATIONAL Petroleum RESERVES INC. Number of Copies 5

Charts Mailed to 250 North Rock Road Suite 130 Wichita Kansas 67206

Drilling Contractor White & Ellis Rig #9
Length Drill Pipe 3879 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 NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 3902 Bottom Packer Depth 3907 Number of Packers 2 Packer Size 6 3/4"
TESTED FROM 3907 TO 4000 ANCHOR LENGTH 93 TOTAL DEPTH 4000 Hole Size 7 7/8"

LEASE & WELL NO. York #1 FORMATION TESTED KANSAS CITY "H-I-I" TEST NO. 1
Mud Weight 9.2 Viscosity 44 Water Loss 7.2 Chlorides - Pits 1200 D.S.T. _____
Maximum Temp. 112 °F Initial Hydrostatic Pressure (A) 1924 P.S.I. Final Hydrostatic Pressure (H) 1902 P.S.I.

Tool Open I.F.P. from 4:10 P.m to 4:30 P.m 20 min

Tool Closed I.C.I.P. from 4:30 P.m to 4:50 P.m 20 min

Tool Open F.F.P. from 4:50 P.m to 5:10 P.m 20 min

Tool Closed F.C.I.P. from 5:10 P.m to 5:30 P.m 20 min

Initial Blow WEAK building blow built to lurch into the water & DECREASED to a 1/4 inch blow
Final Blow VERY WEAK Surface blow
Total Feet Recovered 50

from [B]	<u>71</u>	P.S.I. to [C]	<u>80</u>	P.S.I.
[D]	<u>997</u>			P.S.I.
from [E]	<u>82</u>	P.S.I. to [F]	<u>90</u>	P.S.I.
[G]	<u>955</u>			P.S.I.

<u>50</u> Feet of <u>Drilling mud with a show of oil</u>	% Gas	% Oil	% Mud	% Water
Feet of <u>Between the SHUT-IN & hydraulic tools</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
Feet of _____	% Gas	% Oil	% Mud	% Water
Feet of _____	% Gas	% Oil	% Mud	% Water
Feet of _____	% Gas	% Oil	% Mud	% Water

Remarks _____

Extra Equipment - Jars yes Safety Joint yes Extra Packer NONE Straddle NONE Hook Wall NONE
Top Recorder No. 78225 Clock No. Electronic Depth 3994 Cir. Sub NONE Sampler NONE
Bottom Recorder No. 13189 Clock No. 47441 Depth 3997 Insurance NONE

Price of Job _____
Tool Operator Gene Sudig
Approved By _____
No 11656

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 INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

YOIRK #1 PAWNEE & MYRICK STATION

State KANSAS

Test Date November 6, 1997

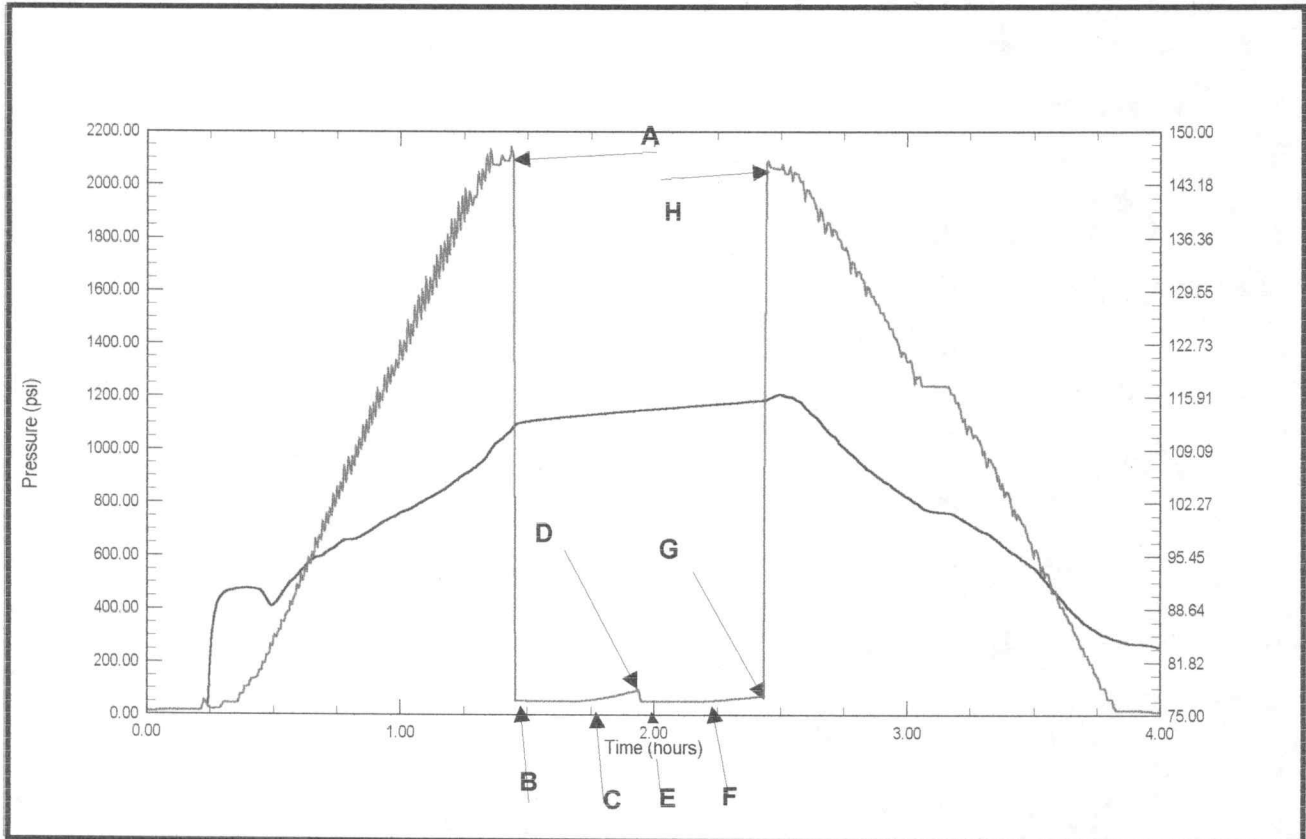
County

Sec Town Range N/W-N/E-S/W 2-16S-3

Field

Report Number 11657

Company: NATIONAL PETROLEUM RESERVES INC. Lease & Well No. YORK #1 Test #: 2 Date: 11-6-1997
 SEC. 2 TWP. 16S RGE. 30W



Field Reading

Office Reading

	Field Reading	Office Reading
(A)	Initial Hydrostatic Pressure	2101 psi
(B)	Initial Flow Pressure	53 psi
(C)	Final Initial Flow Pressure	52 psi
(D)	Initial Shut-In Pressure	96 psi
(E)	Initial Final Flow Pressure	52 psi
(F)	Final Flow Pressure	53 psi
(G)	Final Shut-In Pressure	72 psi
(H)	Final Hydrostatic Pressure	2062 psi

ELECTRONIC REECORDER DEPTH4235ft,RECORDER NUMBER78225

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

General Information

Test Company Name SUPERIOR TESTERS ENTERPRISES INC.
Company Name NATIONAL PETROLEUM RESERVES INC.
Lease and Well Number YOIRK #1
Formation Tested PAWNEE & MYRICK STATION
Test Number 2
State KANSAS
County LANE
Field
Test Date 6-Nov-97
Section Town Range NW-N/E-SW 2-16S-30W
Report Number 11657
Elevation Ground Level 2639
Elevation Kelly Bushings 2649
Company Representative MIKE DIXON
Testing Engineer GENE BUDIG

Extra Equipment

Jars YES
Safety Joint YES
Extra Packs No
Straddle No
Hook Wall No
Sampler No
Circulating Sub No
Electronic Recorder YES

Well Information

Drilling Contractor WHITE AND ELLIS RIG #9

Drill Pipe Length 4159
Drill Pipe I.D. 3.8
Tool Joint Size 4 1/2 XH

Weight Pipe Length
Weight Pipe I.D. 2.76
Tool Joint Size 4 1/2 X.H.

Drill Collar Length
Drill Collar I.D. 2.25
Tool Joint Size 4 1/2 X.H.

Mud Weight #/gal 9.30
Viscosity 44.00
Water Loss 8
Chlorides - Pits 1,300
Chlorides - DST

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

Tool Setting Information

Top Packer Depth 4182
Bottom packer Depth 4187
Number of Packers 2
Packer Size 6 3/4

Test Interval (from) 4187
Test Interval (to) 4242.00
Anchor Length 55
Total Depth (ft) 4242
Hole Size (in) 7 7/8

Pressure Readings

	<i>Field Reading</i>	<i>Office Reading</i>
Maximum Temp	115	
Initial Hydrostatic Pressure	2101	
Initial Flow Pressure	53	
Final Initial Flow Pressure	52	
Initial Shut-In Pressure	96	
Initial Final Flow Pressure	52	
Final Flow Pressure	53	
Final Shut-In Pressure	72	
Final Hydrostatic Pressure	2062	
Electronic Recorder Depth	4235	
Recorder Number	78225	
Mechanical Recorder Depth	4239	
Recorder Number	11088	

Comments

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

Flow Times

Initial Open

Tool Open (from) 5:20
 Tool Open (to) 5:35
 Duration (min) 15

Initial Shut-in

Tool Closed (from) 5:35
 Tool Closed (to) 5:50
 Duration (min) 15

Final Open

Tool Open (from) 5:50
 Tool Open (to) 6:05
 Duration (min) 15

Final Shut-in

Tool Closed (from) 6:05
 Tool Closed (to) 6:20
 Duration (min) 15

Recovery Description

Initial Blow VERY WEAK SURFACE BLOW FOR 11 MINUTES AND DIED

Final Blow NO BLOW

Description	Feet of Recovery	% Gas	% Oil	% Mud	% Water
1) DRILLING MUD	10				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					
Total	10				

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 11-6-1997 Location NW-NE-SW 2-16-30^SW Elevation 2649K.B. 26396L County LANE

Company NATIONAL PETROLEUM RESERVES INC. Number of Copies 5

Charts Mailed to 250 North Rock Road Suite 130 Wichita Kansas 67206

Drilling Contractor White & Ellis Rig # 9

Length Drill Pipe 4159 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X .16

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

Length Drill Collars NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 4182 Bottom Packer Depth 4187 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4187 TO 4242 ANCHOR LENGTH 55 TOTAL DEPTH 4242 Hole Size 7 7/8"

LEASE & WELL NO. YORK #1 FORMATION TESTED PAWNEE & MYRICK Station TEST NO. 2

Mud Weight 9.3 Viscosity 44 Water Loss 8.0% Chlorides - Pits 1300 D.S.T. _____

Maximum Temp. 115 °F Initial Hydrostatic Pressure (A) 2101 P.S.I. Final Hydrostatic Pressure (H) 2062 P.S.I.

Tool Open I.F.P. from 5:20 P.m to 5:35 P.m 15 min

Tool Closed I.C.I.P. from 5:35 P.m to 5:50 P.m 15 min

Tool Open F.F.P. from 5:50 P.m to 6:05 P.m 15 min

Tool Closed F.C.I.P. from 6:05 P.m to 6:20 P.m 15 min

Initial Blow VERY WEAK SURFACE blow for 11 minutes & DIED

Final Blow NO blow

Total Feet Recovered 10 Gravity of Oil _____ Corrected

<u>10</u> Feet of <u>Drilling mud</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 _____
_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____
_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____
_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____

Remarks _____

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

Top Recorder No. 78225 Clock No. ELECTRONIC Depth 4235 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13189 Clock No. 47441 Depth 4239 Insurance NONE

Price of Job _____

Tool Operator Gene Budig

Approved By _____

No 11657

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.