

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 11-24-1997 Location C 4 1/2 - 1/2 - 1/2 10-21-11 W Elevation 1989 KB, 1980 GL County Stafford

Company FG Hall Company LLC Number of Copies 5

Charts Mailed to 6427 East Kellogg P.O. Box 780167 Wichita Kansas 67278-0167

Drilling Contractor Sterling Drilling Rig #4

Length Drill Pipe 14960 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 423 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 1933 Bottom Packer Depth 1938 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 1938 TO 2086 ANCHOR LENGTH 148 TOTAL DEPTH 2086 Hole Size 7 7/8"

LEASE & WELL NO. RED EAGLE - NEVA - FORMATION TESTED Fair "A" #1-10 TEST NO. 3

Mud Weight 9.1 Viscosity 33 Water Loss 13.1 Chlorides - Pits 40000 D.S.T. 1034

Maximum Temp. 86 °F Initial Hydrostatic Pressure (A) 1045 P.S.I. Final Hydrostatic Pressure (H) _____ P.S.I.

Tool Open I.F.P. from 3:15 A.m to 3:45 A.m 30 min

Tool Closed I.C.I.P. from 3:45 A.m to 4:30 A.m 45 min

Tool Open F.F.P. from 4:30 A.m to 5:00 A.m 30 min

Tool Closed F.C.I.P. from 5:00 A.m to 5:45 A.m 45 min

Initial Blow WEAK building blow built to the bottom of a 5 Gallon bucket in 13 minutes

Final Blow WEAK building blow built to the bottom of a 5 Gallon bucket in 16 minutes

Total Feet Recovered 800 Gravity of Oil _____ Corrected

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

60 Feet of MUDDY water % Gas _____ % Oil _____ % Mud _____ % Water _____

120 Feet of SLIGHTLY MUDDY water % Gas _____ % Oil _____ % Mud _____ % Water _____

560 Feet of WATER - CHLORIDES % 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 Joins NONE Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. ELECTRONIC Depth 2079 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 47441 Depth 2083 Insurance NONE

Price of Job _____

Tool Operator Gene Budig

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, or 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 11664

SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

FAIR "A" #1-10 RED EAGLE & NEVA

State KANSAS

Test Date November 24, 1997

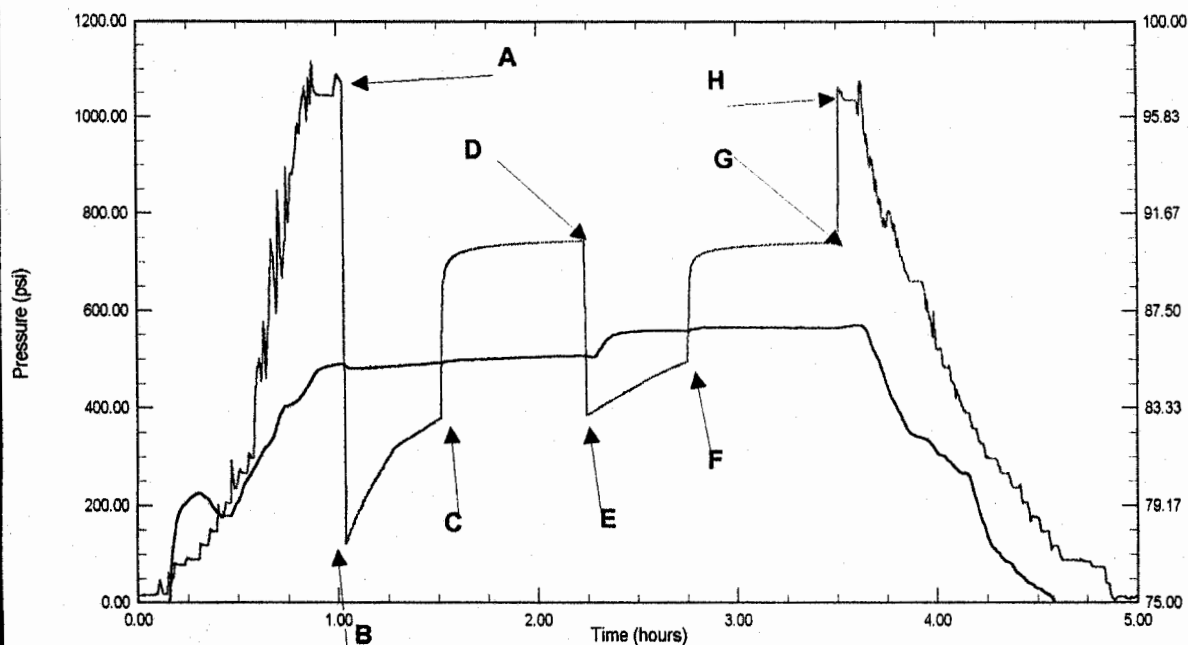
County

Sec Town Range C-N/2-N/W-N/E 10-21S

Field

Report Number 11664

Company: F.C.HOLL COMPANY L.L.C. Lease & Well No. FAIR "A" #1-10 Test #: 3 Date: 11-24-1997
SEC. 10 TWP. 21S RGE. 11W



Field Reading

Office Reading

(A)	Initial Hydrostatic Pressure	1045	psi
(B)	Initial Flow Pressure	129	psi
(C)	Final Initial Flow Pressure	378	psi
(D)	Initial Shut-In Pressure	742	psi
(E)	Initial Final Flow Pressure	391	psi
(F)	Final Flow Pressure	489	psi
(G)	Final Shut-In Pressure	740	psi
(H)	Final Hydrostatic Pressure	1034	psi

ELECTRONIC REECORDER DEPTH2079ft,RECORDER NUMBER78225

15-185-23067

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 F.G.HOLL COMPANY L.L.C.
Lease and Well Number FAIR "A" #1-10
Formation Tested RED EAGLE & NEVA
Test Number 3
State KANSAS
County STAFFORD
Field
Test Date 24-Nov-97
Section Town Range C-N/2-N/W-N/E 10-21S-11W
Report Number 11664
Elevation Ground Level 1980
Elevation Kelly Bushings 1989
Company Representative WAYNE KIRKMAN
Testing Engineer GENE BUDIG

Extra Equipment

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

Well Information

Drilling Contractor STERLING DRILLING RIG #4

Drill Pipe Length 1496
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 423
Drill Collar I.D. 2.25
Tool Joint Size 4 1/2 X.H.

Mud Weight #/gal 9.10
Viscosity 33.00
Water Loss 13.6
Chlorides - Pits 40,000
Chlorides - DST 104000

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316) 792-6902

Tool Setting Information

Top Packer Depth 1933
Bottom packer Depth 1938
Number of Packers 2
Packer Size 6 3/4

Test Interval (from) 1938
Test Interval (to) 2086.00
Anchor Length 148
Total Depth (ft) 2086
Hole Size (in) 7 7/8

Pressure Readings

	<i>Field Reading</i>	<i>Office Reading</i>
Maximum Temp	86	
Initial Hydrostatic Pressure	1045	
Initial Flow Pressure	129	
Final Initial Flow Pressure	378	
Initial Shut-In Pressure	742	
Initial Final Flow Pressure	391	
Final Flow Pressure	489	
Final Shut-In Pressure	740	
Final Hydrostatic Pressure	1034	
Electronic Recorder Depth	2079	
Recorder Number	78225	
Mechanical Recorder Depth	2083	
Recorder Number	5463	

Comments

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316) 792-6902

Flow Times

Initial Open

Tool Open (from) 3:15
 Tool Open (to) 3:45
 Duration (min) 30

Initial Shut-in

Tool Closed (from) 3:45
 Tool Closed (to) 4:30
 Duration (min) 45

Final Open

Tool Open (from) 4:30
 Tool Open (to) 5:00
 Duration (min) 30

Final Shut-in

Tool Closed (from) 5:00
 Tool Closed (to) 5:45
 Duration (min) 45

Recovery Description

Initial Blow WEAK BUILDING BLOW BUILT TO THE BOTTOM OF A
 5 GALLON BUCKET IN 13 MINUTES

Final Blow WEAK BUILDING BLOW BUILT TO THE BOTTOM OF A
 5 GALLON BUCKET IN 16 MINUTS

Description	Feet of Recovery	% Gas	% Oil	% Mud	% Water
1) MUD	60				
2) MUDDY WATER	60				
3) SLIGHTLY MUDDY WATER	120				
4) WATER-CHLORIDES 104000	560				
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					
Total	800				