

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 1 12 98 Location 10-21-11^W Elevation 1784 County STAFFORD

Company F G HOLL COMPANY LLC Number of Copies _____

Charts Mailed to 6427 EAST KALOGG P. Box 780167 WICHITA KS 67278-0167

Drilling Contractor Steeling Drilling Rig # 4

Length Drill Pipe 2670 I.D. Drill Pipe 7.80 Tool Joint Size 4 1/2 XH

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

Length Drill Collars 545 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 XH

Top Packer Depth 3325 Bottom Packer Depth 3330 Number of Packers Two Packer Size 6 3/4

TESTED FROM 3330 TO 3360 ANCHOR LENGTH 30 TOTAL DEPTH 3360 Hole Size 7 3/8

LEASE & WELL NO. SLEEPER TRUST #1-10 FORMATION TESTED ARBUCKLE TEST NO. 6

Mud Weight 9.4 Viscosity 60 Water Loss 8.8 Chlorides - Pits 8000 D.S.T. _____

Maximum Temp. 107 °F Initial Hydrostatic Pressure (A) 1661 P.S.I. Final Hydrostatic Pressure (H) 1651 P.S.I.

Tool Open I.F.P. from 600 A m to 630 A m 30 min

Tool Closed I.C.I.P. from 630 A m to 7:30 A m 60 min

Tool Open F.F.P. from 7:30 A m to 8:15 A m 45 min

Tool Closed F.C.I.P. from 8:15 A m to 9:45 A m 90 min

Initial Blow WEAK BUILDING BLOW BOTTOM OF BUCKET 25th

Final Blow Strong blow DECREASED TO WEAK BUILDING BLOW

Total Feet Recovered 60 Gravity of Oil _____ Corrected _____

500 Feet of GAS IN THE PIPE % Gas _____ % Oil _____ % Mud _____ % Water _____

60 Feet of MUDDY GAS OIL % 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 _____

Remarks _____

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

Top Recorder No. 13379 Clock No. 23937 Depth 33 50 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13561 Clock No. 26182 Depth 33 55 Insurance NONE

Price of Job _____

Tool Operator _____

Approved By _____

No 12135

from [B] <u>92</u> P.S.I. to [C] <u>51</u> P.S.I.
[D] <u>464</u> P.S.I.
from [E] <u>82</u> P.S.I. to [F] <u>82</u> P.S.I.
[G] <u>596</u> P.S.I.

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.

SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

SLEEPER #1-10 ARBUCKLE

State KANSAS
County STAFFORD
Field

Test Date January 12, 1998
Sec Town Range October 21, 2011
Report Number 12135



Field Reading

Office Reading

(A)	Initial Hydrostatic Pressure	1661	psi
(B)	Initial Flow Pressure	92	psi
(C)	Final Initial Flow Pressure	51	psi
(D)	Initial Shut-In Pressure	464	psi
(E)	Initial Final Flow Pressure	82	psi
(F)	Final Flow Pressure	82	psi
(G)	Final Shut-In Pressure	596	psi
(H)	Final Hydrostatic Pressure	1651	psi

Mechanical Recorder Depth 3350 ft, Recorder Number 13379

Company: F.G.HOLL COMPANY Lease-Well No: SLEEPER #1-10 Test #: 6 Date: 1-12-1998 Sec. 10 TWP. 21 RGE. 11
15-185-23070

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 SLEEPER #1-10
Formation Tested ARBUCKLE
Test Number 6
State KANSAS
County STAFFORD
Field
Test Date 12-Jan-98
Section Town Range 21-Oct-11
Report Number 12135
Elevation Ground Level 1784
Elevation Kelly Bushings 1793
Company Representative FRANK GREENBAUM
Testing Engineer GENE BUDIG

Extra Equipment

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

Well Information

Drilling Contractor STERLING DRILLING RIG #4

Drill Pipe Length 2670
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 545
Drill Collar I.D. 2.25
Tool Joint Size 4 1/2 X.H.

Mud Weight #/gal 9.40
Viscosity 60.00
Water Loss 8.8
Chlorides - Pits 8,000
Chlorides - DST

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

Tool Setting Information

Top Packer Depth 3325
Bottom packer Depth 3330
Number of Packers 2
Packer Size 6 3/4

Test Interval (from) 3330
Test Interval (to) 3360.00
Anchor Length 30
Total Depth (ft) 3360
Hole Size (in) 7 7/8

Pressure Readings

	<i>Field Reading</i>	<i>Office Reading</i>
Maximum Temp	107	
Initial Hydrostatic Pressure	1661	
Initial Flow Pressure	92	
Final Initial Flow Pressure	51	
Initial Shut-In Pressure	464	
Initial Final Flow Pressure	82	
Final Flow Pressure	82	
Final Shut-In Pressure	596	
Final Hydrostatic Pressure	1651	
Mechanical Recorder Depth (ft)	3350	
Recorder Number	13379	
MECHANICAL RECORDER DEPTH	3355	
Recorder Number	13561	

Comments

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

Flow Times

Initial Open

Tool Open (from) 6:00
 Tool Open (to) 6:30
 Duration (min) 30

Initial Shut-in

Tool Closed (from) 6:30
 Tool Closed (to) 7:30
 Duration (min) 60

Final Open

Tool Open (from) 7:30
 Tool Open (to) 8:15
 Duration (min) 45

Final Shut-in

Tool Closed (from) 8:15
 Tool Closed (to) 9:45
 Duration (min) 90

Recovery Description

Initial Blow WEAK BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 25 MINUTES

Final Blow STRONG BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 20 SECONDS AND DECREASED TO A WEAK BUILDING BLOW

Description	Feet of Recovery	% Gas	% Oil	% Mud	% Water
1) GAS IN THE PIPE	500				
2) MUDDY GASSY OIL	60				
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					
Total	560				