

Phone
(303) 830-8080

Star Hughes

Denver Center Bldg.
1776 Lincoln St., Suite 401
Denver, CO 80203

Contractor Red Tiger Drlg.
Rig No. 7
Spot SE/SW/SW
Sec. 24
Twp. 13 S
Rng. 18 W
Field --
County Ellis
State Kansas
Elevation 2104' KB
Formation Oread

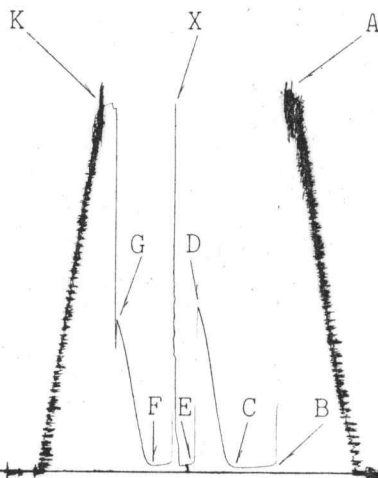
Surface Choke 1"
Bottom Choke 5/8"
Hole Size 7 7/8"
Core Hole Size --
DP Size & Wt. 4 1/2" IF
Wt. Pipe 4 1/2" IF 664'
I.D. of DC --
Length of DC None
Total Depth 3357'
Type Test Conventional
Interval 3324'- 3357'

Mud Type Starch
Weight 9.4
Viscosity 37
Water Loss 12.8
Filter Cake 2/32
Resistivity -- @ -- of
-- Ppm. NaCl
B.H.T. 104 of
Co. Rep. Kyle Stephenson
Tester Tony Carrieria

	REPORTED	CORRECTED
Opened Tool @	<u>16:45</u>	hrs.
Flow No. 1	<u>30</u>	min.
Shut-in No. 1	<u>30</u>	min.
Flow No. 2	<u>30</u>	min.
Shut-in No. 2	<u>30</u>	min.
Flow No. 3	<u>None Taken</u>	min.
Shut-in No. 3	<u>" "</u>	min.

Recorder Type Kuster AK-1
No. 13411 Cap. 3570 psi
Depth 3349 feet
Inside X Outside

Initial Hydrostatic	A	<u>1751</u>
Final Hydrostatic	K	<u>1695</u>
Initial Flow	B	<u>46</u>
Final Initial Flow	C	<u>29</u>
Initial Shut-in	D	<u>768</u>
Second Initial Flow	E	<u>45</u>
Second Final Flow	F	<u>33</u>
Second Shut-in	G	<u>706</u>
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	



Pipe Recovery: 10' Mud = 0.07 bbl.

Surface blow:
1st flow:

Tool opened with no blow and remained through flow period.

2nd flow:

Tool opened with no blow; bypassed tool in 11 minutes (X on chart) reopened with a good surge, died and remained through flow period.

Operator L.G. Stephenson & Co., Inc.
Ticket No. 02123
Date 7/11/83

Well Name & No. Hafamier #1
Location SE/SW/SW S-24 T-13S R-18W
County, State Ellis County, Kansas
DST No. 1
Interval 3324' - 3357'
Formation Oread

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Denver, CO 80203

Contractor Red Tiger Drlg.
Rig No. 7
Spot SE/SW/SW
Sec. 24
Twp. 13 S
Rng. 18 W
Field --
County Ellis
State Kansas
Elevation 2104' KB
Formation Lansing

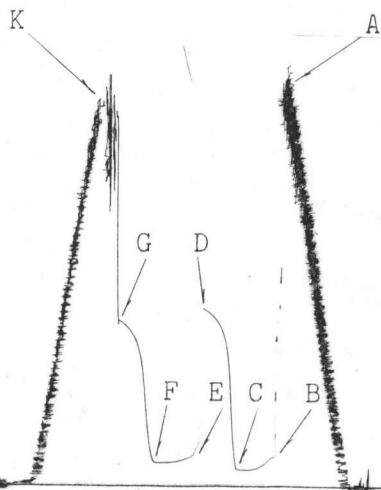
Surface Choke 1"
Bottom Choke 5/8"
Hole Size 7 7/8"
Core Hole Size --
DP Size & Wt. 4 1/2" IF
Wt. Pipe 4 1/2" IF 664'
I.D. of DC --
Length of DC None
Total Depth 3446'
Type Test Conventional
Interval 3400' - 3446'

Mud Type Starch
Weight 9.4
Viscosity 46
Water Loss 11.4
Filter Cake 2/32
Resistivity -- @ -- of
-- Ppm. NaCl
B.H.T. 106 of
Co. Rep. Kyle Stephenson
Tester Tony Carrieria

	REPORTED	CORRECTED
Opened Tool @	<u>10:50</u>	hrs.
Flow No. 1	<u>30</u>	min.
Shut-in No. 1	<u>30</u>	min.
Flow No. 2	<u>30</u>	min.
Shut-in No. 2	<u>30</u>	min.
Flow No. 3	<u>None Taken</u>	min.
Shut-in No. 3	<u>" "</u>	min.

Recorder Type Kuster AK-1
No. 13411 Cap. 5670 psi
Depth 3438 feet
Inside X Outside

Initial Hydrostatic	A	<u>1776</u>
Final Hydrostatic	K	<u>1740</u>
Initial Flow	B	<u>133</u>
Final Initial Flow	C	<u>74</u>
Initial Shut-in	D	<u>808</u>
Second Initial Flow	E	<u>144</u>
Second Final Flow	F	<u>102</u>
Second Shut-in	G	<u>749</u>
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	



Pipe Recovery: 70' 5% oil, 45% mud, 50% water = 0.51 bbl.

Surface blow:

1st flow:

Tool opened with a 1" blow and remained through flow period.

2nd flow:

Tool opened with a 1" blow and remained through flow period.

Operator
Ticket No.
Date

L.G. Stephenson & Co., Inc.
02124
7/12/83

Well Name & No. Haffamier #1
Location SE/SW/SW S-24 T-13S R-18W
County, State Ellis County, Kansas

DST No. 2
Interval 3400' - 3446'
Formation Lansing

Phone
(303) 830-8080

Star Hughes

Denver Center Bldg.
1776 Lincoln St., Suite 401
Denver, CO 80203

Contractor Red Tiger Drlg.
Rig No. 7
Spot SE/SW/SW
Sec. 24
Twp. 13 S
Rng. 18 W
Field --
County Ellis
State Kansas
Elevation 2104' KB
Formation Kansas City

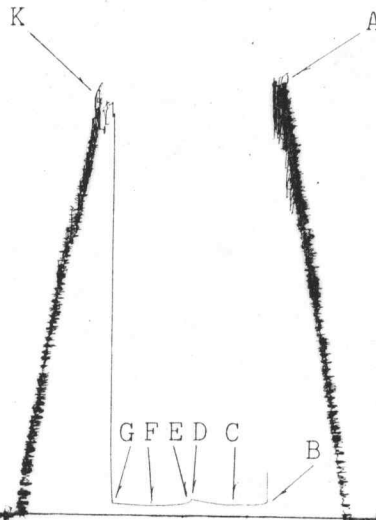
Surface Choke 1"
Bottom Choke 5/8"
Hole Size 7 7/8"
Core Hole Size --
DP Size & Wt. 4 1/2" FH
Wt. Pipe 4 1/2" FH 664'
I.D. of DC --
Length of DC None
Total Depth 3624'
Type Test Conventional
Interval 3537' - 3624'

Mud Type Starch
Weight 9.6
Viscosity 50
Water Loss 9.7
Filter Cake 2/32
Resistivity -- @ -- of
-- Ppm. NaCl of
B.H.T. 107 of
Co. Rep. Kyle Stephenson
Tester Tony Carreira

	REPORTED	CORRECTED
Opened Tool @	<u>21:25</u>	hrs.
Flow No. 1	<u>30</u>	min.
Shut-in No. 1	<u>30</u>	min.
Flow No. 2	<u>30</u>	min.
Shut-in No. 2	<u>30</u>	min.
Flow No. 3	<u>None Taken</u>	min.
Shut-in No. 3	<u>"</u>	min.

Recorder Type Kuster AK-1
No. 13411 Cap. 3570 psi
Depth 3616 feet
Inside X Outside

Initial Hydrostatic	A	<u>1994</u>
Final Hydrostatic	K	<u>1902</u>
Initial Flow	B	<u>78</u>
Final Initial Flow	C	<u>63</u>
Initial Shut-in	D	<u>88</u>
Second Initial Flow	E	<u>80</u>
Second Final Flow	F	<u>57</u>
Second Shut-in	G	<u>66</u>
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	



Pipe Recovery: 5' Oil spotted mud = 0.04 bbl.

Surface blow:

1st flow:

Tool opened with a good surge, died and remained through flow period.

2nd flow:

Tool opened with no blow and remained through flow period.

Operator
Ticket No.
Date

L.G. Stephenson & Co., Inc.
02125
7/13/83

Well Name & No. Hafamier #1
Location SE/SW/SW S-24 T-13S R-18W
County, State Ellis County, Kansas

DST No. 3
Interval 3537' - 3624'
Formation Kansas City

Phone
(303) 830-8080

Star Hughes

Denver Center Bldg.
1776 Lincoln St., Suite 401
Denver, CO 80203

Contractor Red Tiger Drlg.
Rig No. 7
Spot SE/SW/SW
Sec. 24
Twp. 13 S
Rng. 18 S
Field --
County Ellis
State Kansas
Elevation 2104' KB
Formation --

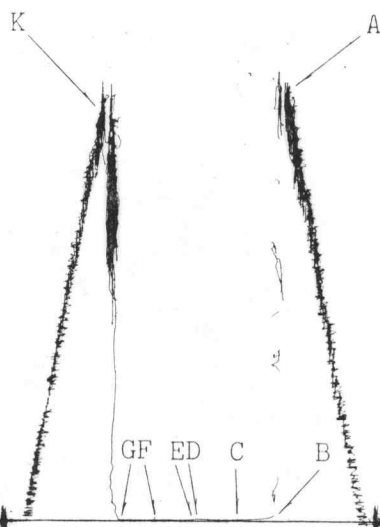
Surface Choke 1"
Bottom Choke 5/8"
Hole Size 7 7/8"
Core Hole Size --
DP Size & Wt. 4 1/2" IF
Wt. Pipe 4 1/2" IF 664'
I.D. of DC --
Length of DC None
Total Depth 3688'
Type Test Straddle
Interval 3642' - 3655'

Mud Type Starch
Weight 9.8
Viscosity 42
Water Loss 8.2
Filter Cake 2/32
Resistivity -- @ -- of
-- Ppm. NaCl of
B.H.T. 110 of
Co. Rep. Kyle Stephenson
Tester Tony Carreira

	REPORTED	CORRECTED
Opened Tool @	<u>07:40</u>	hrs.
Flow No. 1	<u>30</u>	min.
Shut-in No. 1	<u>30</u>	min.
Flow No. 2	<u>30</u>	min.
Shut-in No. 2	<u>30</u>	min.
Flow No. 3	<u>None Taken</u>	min.
Shut-in No. 3	<u>" "</u>	min.

Recorder Type Kuster AK-1
No. 13411 Cap. 3570 psi
Depth 3631 feet
Inside X Outside

Initial Hydrostatic	A	<u>1912</u>
Final Hydrostatic	K	<u>1850</u>
Initial Flow	B	<u>32</u>
Final Initial Flow	C	<u>13</u>
Initial Shut-in	D	<u>15</u>
Second Initial Flow	E	<u>15</u>
Second Final Flow	F	<u>9</u>
Second Shut-in	G	<u>10</u>
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	



Pipe Recovery:

5' Mud with a show of oil on top of tool = 0.04 bbl.

Surface blow:

1st flow:

Tool opened with no blow and remained through flow period.

2nd flow:

Tool opened with no blow and remained through flow period.

Operator
Ticket No.
Date

L.G. Stephenson & Co., Inc.
02151
7/14/83

Well Name & No. Halfamier #1
Location
County, State
SE/SW/SW S-24 T-13S R-18W
Ellis County, Kansas

DST No. 4
Interval
Formation
3642' - 3655'
Not Reported

Star Hughes

L.G. Stephenson & Co., Inc.
Operator

Haffamier #1
Well Name and No.

4
DST No.



Recorder Type Kuster AK-1
No. 13410 Cap. 3550 psi
Depth 3652 feet
Inside Outside X

Initial Hydrostatic A 1921
Final Hydrostatic K 1865
Initial Flow B _____
Final Initial Flow C _____
Initial Shut-in D _____
Second Initial Flow E _____
Second Final Flow F _____
Second Shut-in G _____
Third Initial Flow H _____
Third Final Flow I _____
Third Shut-in J _____

Pressure Below Bottom
Packer Bled To 1337

Recorder Type _____
No. _____ Cap. _____ psi
Depth _____ feet
Inside Outside _____

Initial Hydrostatic A _____
Final Hydrostatic K _____
Initial Flow B _____
Final Initial Flow C _____
Initial Shut-in D _____
Second Initial Flow E _____
Second Final Flow F _____
Second Shut-in G _____
Third Initial Flow H _____
Third Final Flow I _____
Third Shut-in J _____

Pressure Below Bottom
Packer Bled To _____