

Computer Inventoried

CONFIDENTIAL

WELL NAME:

COMPANY:

LOCATION:

DATE:

Nording

Nording #1-1330

Harris Oil & Gas

30-29S-39W

Stanton County, Kansas

5/4/98

ORIGINAL

JUN 9

CONFIDENTIAL

15-187-20893

JUN 9 1999
FROM CONFIDENTIAL

KCC
JUN 9
CONFIDENTIAL

TRILOBITE TESTING L.L.C.

OPERATOR : Harris Oil & Gas
WELL NAME: Nordling #1-1330
LOCATION : 30-29s-39w Stanton KS
INTERVAL : 5601.00 To 5625.00 ft

DATE 4-30-98
KB 3231.00 ft TICKET NO: 9818 DST #1
GR 3120.00 ft FORMATION: St.Louis
TD 5625.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13252	13252	3026			PF Fr. 0458 to 0528 hr
SI 60 Range(Psi)	4550.0	4550.0	4995.0	0.0	0.0	IS Fr. 0528 to 0628 hr
SF 30 Clock(hrs)	12hr	12hr	elect			SF Fr. 0628 to 0658 hr
FS 60 Depth(ft)	5625.0	5625.0	5603.0	0.0	0.0	FS Fr. 0658 to 0758 hr

	Field	1	2	3	4	
A. Init Hydro	2710.0	2714.0	2709.0	0.0	0.0	T STARTED 0200 hr
B. First Flow	80.0	82.0	19.0	0.0	0.0	T ON BOTM 0457 hr
Bl. Final Flow	92.0	82.0	26.0	0.0	0.0	T OPEN 0458 hr
C. In Shut-in	207.0	215.0	181.0	0.0	0.0	T PULLED 0758 hr
D. Init Flow	92.0	102.0	21.0	0.0	0.0	T OUT 1115 hr
E. Final Flow	92.0	117.0	28.0	0.0	0.0	
F. Fl Shut-in	195.0	207.0	151.0	0.0	0.0	
G. Final Hydro	2675.0	2721.0	2702.0	0.0	0.0	TOOL DATA-----
Inside/Outside	0	0	I			Tool Wt. 1800.00 lbs
						Wt Set On Packer 24000.00 lbs
						Wt Pulled Loose 110000.00 lbs
						Initial Str Wt 94000.00 lbs
						Unseated Str Wt 94000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.38 in
						D.C. Length 617.00 ft
						D.P. Length 4960.00 ft

RECOVERY

Tot Fluid 1.00 ft of 1.00 ft in DC and 0.00 ft in DP
1.00 ft of Mud
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Weak surface blow died in 12 mins.
Final Flow:
No blow

MUD DATA-----
Mud Type chemical
Weight 8.90 lb/cf
Vis. 56.00 S/L
W.L. 7.20 in3
F.C. 0.00 in
Mud Drop Y 30.0 ft

Amt. of fill 0.00 ft
Btm. H. Temp. 126.00 F
Hole Condition good
% Porosity 12.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00
Cushion Type
Reversed Out N
Tool Chased N
Tester Scott & Mike
Co. Rep. Larry Benedick
Contr. Allen
Rig # 2
Unit #
Pump T.

SAMPLES: no
SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Nordling #1-1330

LOCATION : 30-29s-39w

TICKET No. 9818 D.S.T. No. 1 DATE 4-30-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 24

TOTAL TOOL 54

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY

D.C. ABOVE TOOLS.Stands10 Single Total 617

D.P. ABOVE TOOLS.Stands79 Single 1 Total 4960

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5631

TOTAL DEPTH 5625

TOTAL DRILL PIPE ABOVE K.B. 6

REMARKS:

Sampler Data

Total Vol. 4000ml

4000ml Mud

P.O. SUB top of tool	5571
C.O. SUB 1'	5572
S.I. TOOL 5'	5577
3' Sampler	5580
HMV 5'	5585
JARS 5'	5590
SAFETY JOINT 2'	5592
PACKER 5'	5597
PACKER 5'	5601
DEPTH 5601	
STUBB 1'	5602
ANCHOR	
1' perf	5603
Alpine Rec	5603
5' PU sub	5608
T.C.	
DEPTH	
12' Perf	5620
AK1 Rec	5625
BULLNOSE	
T.D. 5 ft Bullplug	5625

TEST HISTORY 9818 DST#1 Nording #1-1330 Harris Oil & Gas

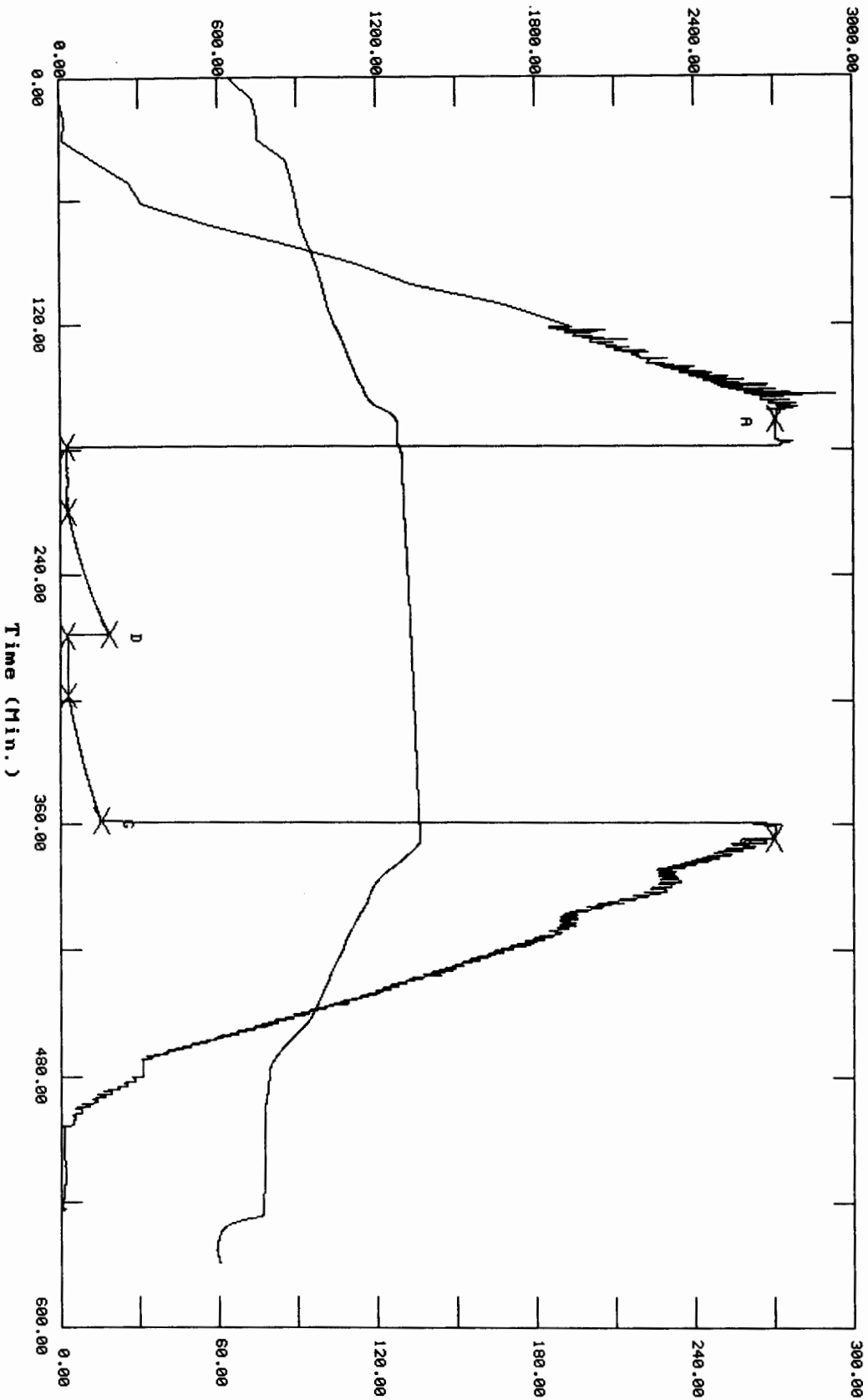
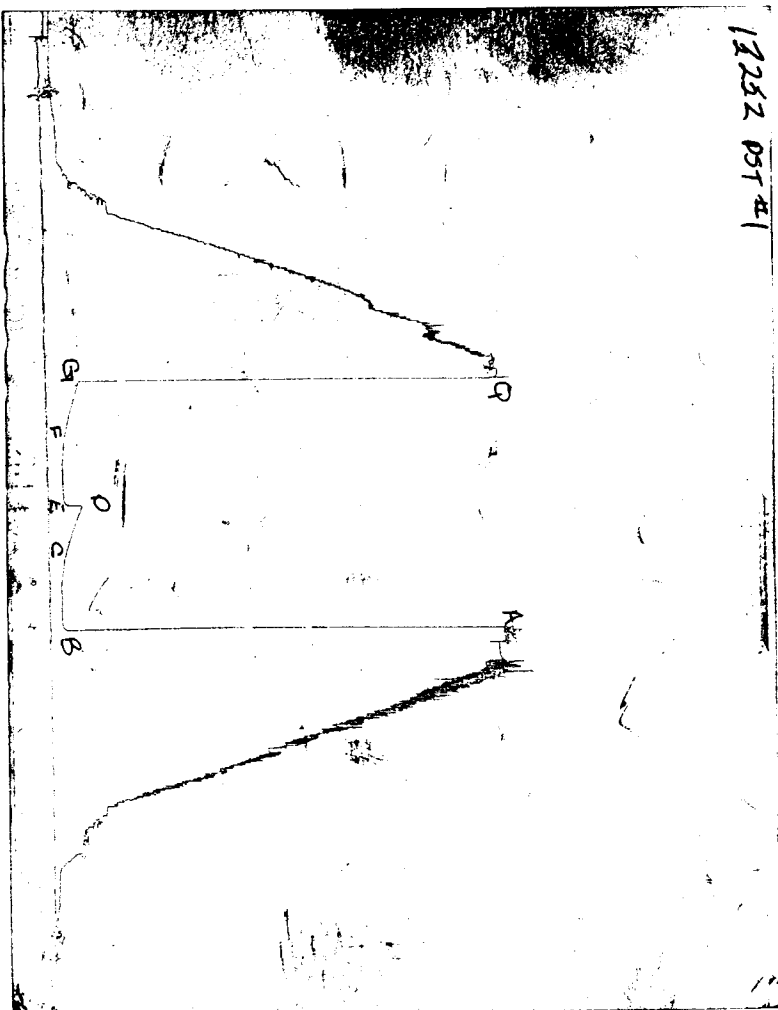


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 9818

Well Name & No. <u>Nordling #1-1830</u>	Test No. <u>1</u>	Date <u>4-20-98</u>
Company <u>Harris Oil & Gas</u>	Zone Tested <u>St. Louis</u>	
Address <u>1125 E 17th Street Suite 2290 Denver Colo.</u>	Elevation <u>3231</u>	KB <u>3220</u> GL
Co. Rep / Geo. <u>Austin Garner</u>	Cont. <u>Allen Rig #2</u>	Est. Ft. of Pay <u>6</u> Por. <u>12</u> %
Location: Sec. <u>30</u>	Twp. <u>29S</u>	Rge. <u>39W</u> Co. <u>Stanton</u> State <u>Ks.</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested ~~5601-5625~~ 5601-5625 Initial Str Wt./Lbs. 94,000 Unseated Str Wt./Lbs. 94,000
 Anchor Length 24' Wt. Set Lbs. 24,000 Wt. Pulled Loose/Lbs. 110,000
 Top Packer Depth 5596 Tool Weight 1800
 Bottom Packer Depth 5601 Hole Size — 7 7/8" ☒ Rubber Size — 6 3/4" ☒
 Total Depth 5625 Wt. Pipe Run _____ Drill Collar Run 617' 10 1/2"
 Mud Wt. 8.9 LCM 3 Vis. 56 WL 7.2 Drill Pipe Size 4 1/2 X 4 Ft. Run 4960'
 Blow Description Weak surface Blow died in 12 min.
No blow 2nd open

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____		
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____		
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____		
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____		
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____		

BHT 126 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F. Chlorides _____ ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud <u>2710</u> <u>2709</u> PSI Recorder No. _____ T-Started <u>2:00 A.M.</u>
(B) First Initial Flow Pressure <u>80</u> <u>19</u> PSI (depth) <u>5608</u> T-Open <u>4:58 A.M.</u>
(C) First Final Flow Pressure <u>92</u> <u>26</u> PSI Recorder No. <u>13252</u> T-Pulled <u>7:58 A.M.</u>
(D) Initial Shut-in Pressure <u>207</u> <u>181</u> PSI (depth) <u>5625</u> T-Out <u>11:15 A.M.</u>
(E) Second Initial Flow Pressure <u>92</u> <u>21</u> PSI Recorder No. _____
(F) Second Final Flow Pressure <u>92</u> <u>28</u> PSI (depth) _____
(G) Final Shut-in Pressure <u>195</u> <u>151</u> PSI Initial Opening <u>30</u> Test ☒ <u>800"</u>
(H) Final Hydrostatic Mud <u>2675</u> <u>2702</u> PSI Initial Shut-in <u>60</u> Jars ☒ <u>200"</u>
<u>AKI</u> <u>Alpine</u> Final Flow <u>30</u> Safety Joint ☒ <u>50"</u>
Final Shut-in <u>60</u> Straddle _____
Circ. Sub ☒ <u>N/C</u>
Sampler ☒ <u>200"</u>
Extra Packer _____
Elect. Rec. ☒ <u>150"</u>
Other _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF 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.

Approved By Larry J. Benedict 4/21/98