

15-187-20918

28-30s-39w

Well Name: Nicholas Farms 1-328
Company: Presco Western
Location: 28-30s-39w
Stanton County Kansas
Date: 1-22-99

RECEIVED
KANSAS DEPARTMENT OF REVENUE

FEB 12 1999

CONSULTATION DIVISION
WICHITA, KS

TRILOBITE TESTING L.L.C.

OPERATOR : Presco Western
WELL NAME: Nicholas Farms 1-328
LOCATION : 28-30s-39w Stanton co KS
INTERVAL : 5565.00 To 5730.00 ft

DATE 1-20-99
KB 3220.00 ft
GR 3210.00 ft
TD 5730.00 ft

TICKET NO: 11716
FORMATION: Morrow
TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13252	13252	3026			PF Fr. 0950 to 1020 hr
SI 60 Range(Psi)	4550.0	4550.0	4995.0	0.0	0.0	IS Fr. 1020 to 1120 hr
SF 5 Clock(hrs)	12hr	12hr	elect			SF Fr. 1120 to 1125 hr
FS 60 Depth(ft)	5730.0	5730.0	5572.0	0.0	0.0	FS Fr. 1125 to 1225 hr

	Field	1	2	3	4	
A. Init Hydro	2778.0	2776.0	2631.0	0.0	0.0	T STARTED 0640 hr
B. First Flow	172.0	184.0	105.0	0.0	0.0	T ON BOTM 0949 hr
B1. Final Flow	495.0	500.0	441.0	0.0	0.0	T OPEN 0950 hr
C. In Shut-in	1052.0	1063.0	1014.0	0.0	0.0	T PULLED 1225 hr
D. Init Flow	265.0	264.0	154.0	0.0	0.0	T OUT 1555 hr
E. Final Flow	299.0	317.0	254.0	0.0	0.0	
F. Fl Shut-in	460.0	470.0	393.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2721.0	2751.0	2551.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 24000.00 lbs
						Wt Pulled Loose 100000.00 lbs
						Initial Str Wt 80000.00 lbs
						Unseated Str Wt 80000.00 lbs
						Bot Choke 0.78 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.38 in
						D.C. Length 645.00 ft
						D.P. Length 5023.00 ft

RECOVERY

Tot Fluid 60.00 ft of 60.00 ft in DC and 0.00 ft in DP
60.00 ft of Mud 100%
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 blow 1" died back to 1/8"
Final Flow:
No blow shut in after 5 mins.

MUD DATA-----
Mud Type chemical
Weight 9.10 lb/c
Vis. 68.00 S/L
W.L. 6.80 in3
F.C. 0.00 in
Mud Drop

Amt. of fill 0.00 ft
Btm. H. Temp. 135.00 F
Hole Condition good
% Porosity 0.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00
Cushion Type
Reversed Out N
Tool Chased N
Tester Scott Bugbee
Co. Rep. Austin Garner
Contr. Cheyenne
Rig # 2
Unit #
Pump T.

SAMPLES:
SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Nicholas Farms 1-328

LOCATION : 28-30s-39w Stanton co KS

TICKET No. 11716 D.S.T. No. 1 DATE 1-20-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 41

TOTAL TOOL 71

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 2 Single Total 124

TOTAL ASSEMBLY 195

D.C. ABOVE TOOLS.Stands11 Single Total 645

D.P. ABOVE TOOLS.Stands80 Single 1 Total 4899

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5739

TOTAL DEPTH 5730

TOTAL DRILL PIPE ABOVE K.B. 9

REMARKS:

Sampler Data

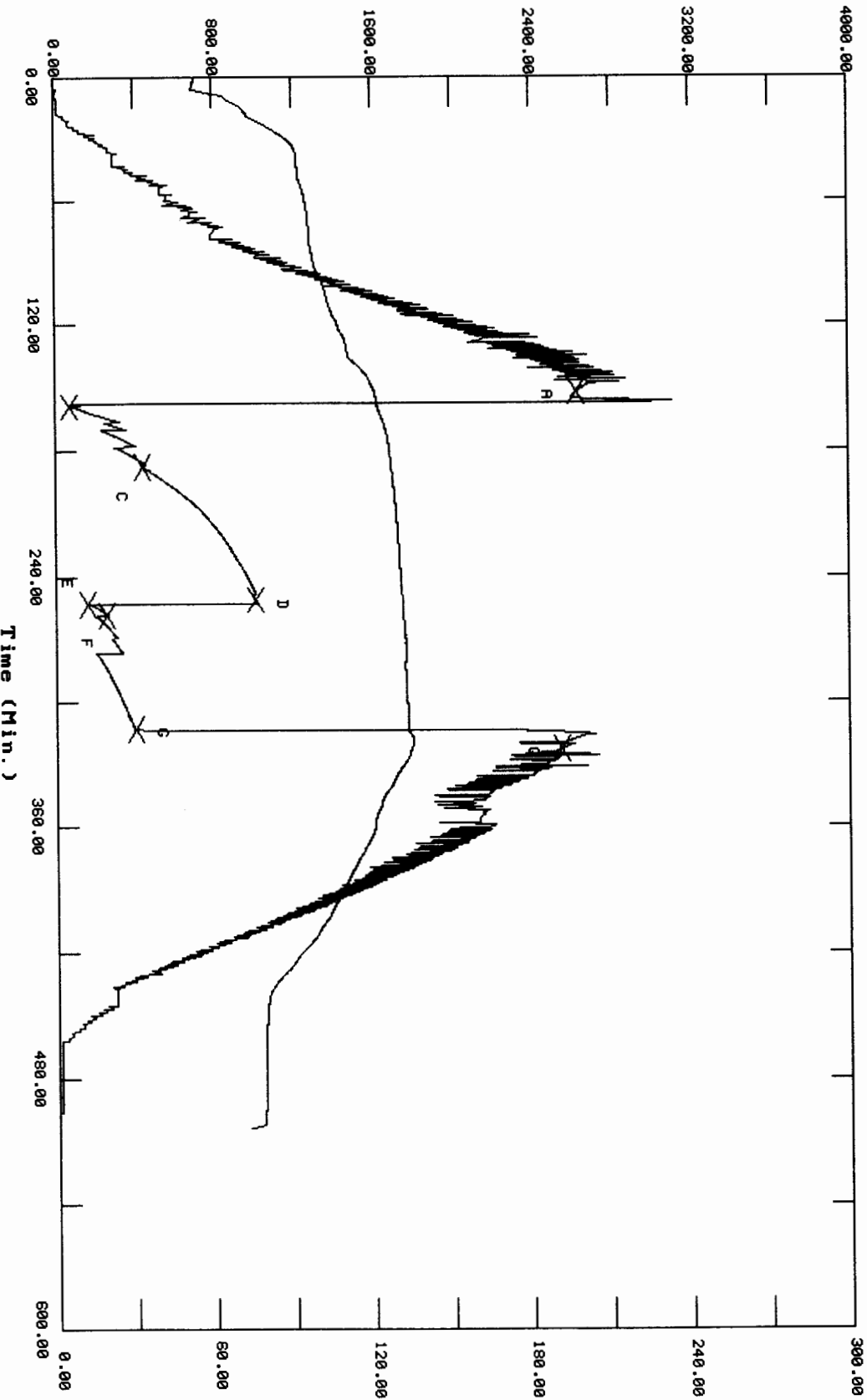
4000 ml mud

50 Psi

P.O. SUB top of tool	5535
C.O. SUB 1'DP	5536
S.I. TOOL 5'	5541
3' Sampler	5544
HMV 5'	5549
JARS 5'	5554
SAFETY JOINT 2'	5556
PACKER 5'	5561
PACKER 5'	5565
DEPTH 5565	
STUBB 1'	5566
ANCHOR 1'perf	5567
Alpine rec.	5572
5' PU sub	5572
29' Perf	5601
T.C.	
DEPTH	
124 D Pipe	5725
Ak1 rec.	5730
BULLNOSE	
T.D. 5'	5730

TEST HISTORY

11716 Nicholas Farms 1-328 Presco Western

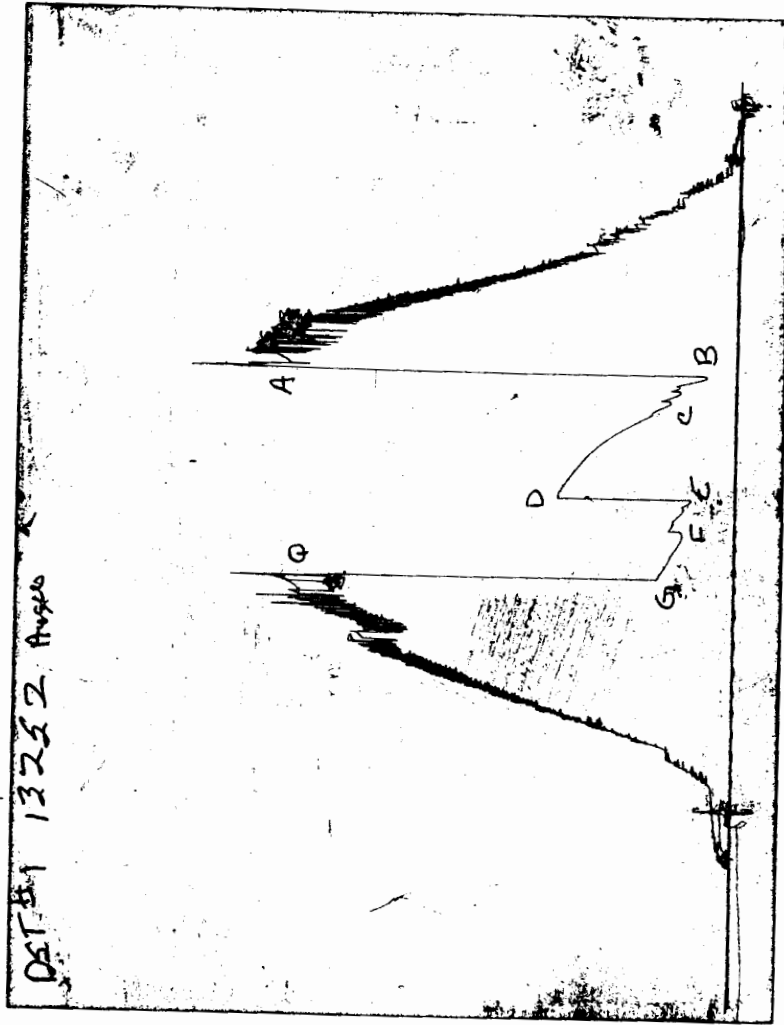


Flag Points

t (Min.)	P (PSI g)
A: 0.00	2631.70
B: 0.00	70.98
C: 28.50	434.03
D: 63.75	1006.23
E: 0.00	154.29
F: 5.00	254.59
G: 55.25	393.70
H: 0.00	2551.43

Temperature (DEG F)

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 11716

Well Name & No. Nicholas Farms 1-328 Test No. #1 Date 1-20-99
Company Presco Western Zone Tested Morrow
Address 1775 Sherman St. Ste. 2950 Denver Colo. 80203-4324 Elevation 3220 KB 3210 GL
Co. Rep / Geo. Austin Garner Cont. Cheyenne Rig #2 Est. Ft. of Pay Por. %
Location: Sec. 28 Twp. 30S Rge. 39W Co. Stanton State KS
No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Y Evaluation (Y, N)

Interval Tested 5565 - 5730 Initial Str Wt./Lbs. 80,000 Unseated Str Wt./Lbs. 80,000
Anchor Length 165 Wt. Set Lbs. 24,000 Wt. Pulled Loose/Lbs. 100,000
Top Packer Depth 5560 Tool Weight 2100
Bottom Packer Depth 5565 Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
Total Depth 5730 Wt. Pipe Run Drill Collar Run 645 #5745
Mud Wt. 9.1 LCM 2 Vis. 68 WL 6.8 Drill Pipe Size 4 1/2 FH Ft. Run 5023
Blow Description Weak blow 1" died back to 1/4"

2nd open no blow shut in after 5 min.

Recovery — Total Feet 60 GIP Ft. in DC 60 Ft. in DP
Rec. 60 Feet Of mud %gas %oil %water 100 %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 135 °F Gravity °API D@ °F Corrected Gravity °API
RW @ °F Chlorides ppm Recovery Chlorides 2400 ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>2778</u>	<u>2631</u>	PSI	Recorder No. <u>3026</u>	T-On Location <u>5:00 A.M.</u>
(B) First Initial Flow Pressure	<u>172</u>	<u>105</u>	PSI	(depth) <u>5572</u>	T-Started <u>6:40 A.M.</u>
(C) First Final Flow Pressure	<u>495</u>	<u>441</u>	PSI	Recorder No. <u>13252</u>	T-Open <u>9:50 A.M.</u>
(D) Initial Shut-In Pressure	<u>1052</u>	<u>1014</u>	PSI	(depth) <u>5730</u>	T-Pulled <u>12:25 P.M.</u>
(E) Second Initial Flow Pressure	<u>265</u>	<u>154</u>	PSI	Recorder No. <u> </u>	T-Out <u>3:55 P.M.</u>
(F) Second Final Flow Pressure	<u>299</u>	<u>254</u>	PSI	(depth) <u> </u>	T-Off Location <u> </u>
(G) Final Shut-in Pressure	<u>460</u>	<u>393</u>	PSI	Initial Opening <u>30</u>	Test <u>✓</u> <u>800</u> °
(Q) Final Hydrostatic Mud	<u>2721</u>	<u>2551</u>	PSI	Initial Shut-in <u>60</u>	Jars <u>✓</u> <u>200</u> °
				Final Flow <u>5</u>	Safety Joint <u>✓</u> <u>50</u> °
				Final Shut-in <u>60</u>	Straddle <u> </u>

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 Austin Garner

Our Representative Scott Bugbee

Extra Packer
Elec. Rec. ✓ 150 °
Mileage
Other
TOTAL PRICE \$ 1401 °