

15-067-21443

TRILOBITE TESTING L.L.C.

15-30s-37w

OPERATOR : Zinke & Trumbo, Inc.
WELL NAME: Seaboard Farms #1-15
LOCATION : 15-30-37-Grant-Ks
INTERVAL : 5333.00 To 5426.00 ft

DATE 3-9-99
KB 3098.00 ft TICKET NO: 11655 DST #1
GR 3093.00 ft FORMATION: Upper Morrow
TD 5426.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	2341			PF Fr. 0147 to 0217 hr
SI 60 Range(Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 0217 to 0317 hr
SF 60 Clock(hrs)	12	12	Elect			SF Fr. 0317 to 0417 hr
FS 120 Depth(ft)	5402.0	5402.0	5340.0	0.0	0.0	FS Fr. 0417 to 0617 hr

	Field	1	2	3	4
A. Init Hydro	2715.0	2714.0	2569.0	0.0	0.0
B. First Flow	917.0	915.0	901.0	0.0	0.0
B1. Final Flow	1566.0	1568.0	1554.0	0.0	0.0
C. In Shut-in	1666.0	1653.0	1652.0	0.0	0.0
D. Init Flow	1636.0	1622.0	1602.0	0.0	0.0
E. Final Flow	1666.0	1663.0	1659.0	0.0	0.0
F. Fl Shut-in	1686.0	1673.0	1660.0	0.0	0.0
G. Final Hydro	2421.0	2436.0	2374.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 2317 hr
T ON BOTM 0145 hr
T OPEN 0147 hr
T PULLED 0617 hr
T OUT 1030 hr

TOOL DATA-----

Tool Wt.	1500.00 lbs
Wt Set On Packer	30000.00 lbs
Wt Pulled Loose	80000.00 lbs
Initial Str Wt	58000.00 lbs
Unseated Str Wt	70000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	0.00 in
D. Pipe ID	3.80 in
D.C. Length	0.00 ft
D.P. Length	5396.00 ft

RECOVERY

Tot Fluid 3355.00 ft of 0.00 ft in DC and 3355.00 ft in DP
400.00 ft of Water cut mud 20% water 80% mud
2955.00 ft of Salt water
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 95000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	58.00 S/L
W.L.	8.00 in3
F.C.	0.00 in

BLOW DESCRIPTION

Initial Flow:
Strong-bottom of bucket in 2 min

Initial Shutin:
Bled off blow - no return

Final Flow:
Strong bottom of bucket in 5 minutes
for 30 minutes then decreasing to
weak 4" blow before shutin:

Mud Drop N

Amt. of fill	0.00 ft
Btm. H. Temp.	126.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out Y	
Tool Chased N	
Tester	Dan Bangle
Co. Rep.	Harold Trapp
Contr.	Val
Rig #	1
Unit #	
Pump T.	

SAMPLES:
SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Seaboard Farms #1-15

LOCATION : 15-30-37-Grant-Ks

TICKET No. 11655 D.S.T. No. 1 DATE 3-9-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 31

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 32

TOTAL TOOL 63

DRILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STND.Stands Single Total

P. ANCHOR STND.Stands 1 Single Total 61

TOTAL ASSEMBLY 124

C. ABOVE TOOLS.Stands Single Total

P. ABOVE TOOLS.Stands 87 Single 1 Total 5396

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5459

TOTAL DEPTH 5426

TOTAL DRILL PIPE ABOVE K.B. 33

REMARKS:

Sampler

as 0

l 0

d 0

ater 4000ML

essure 1000#

otal 4000

0.06 @ 70 = 150000 ppm

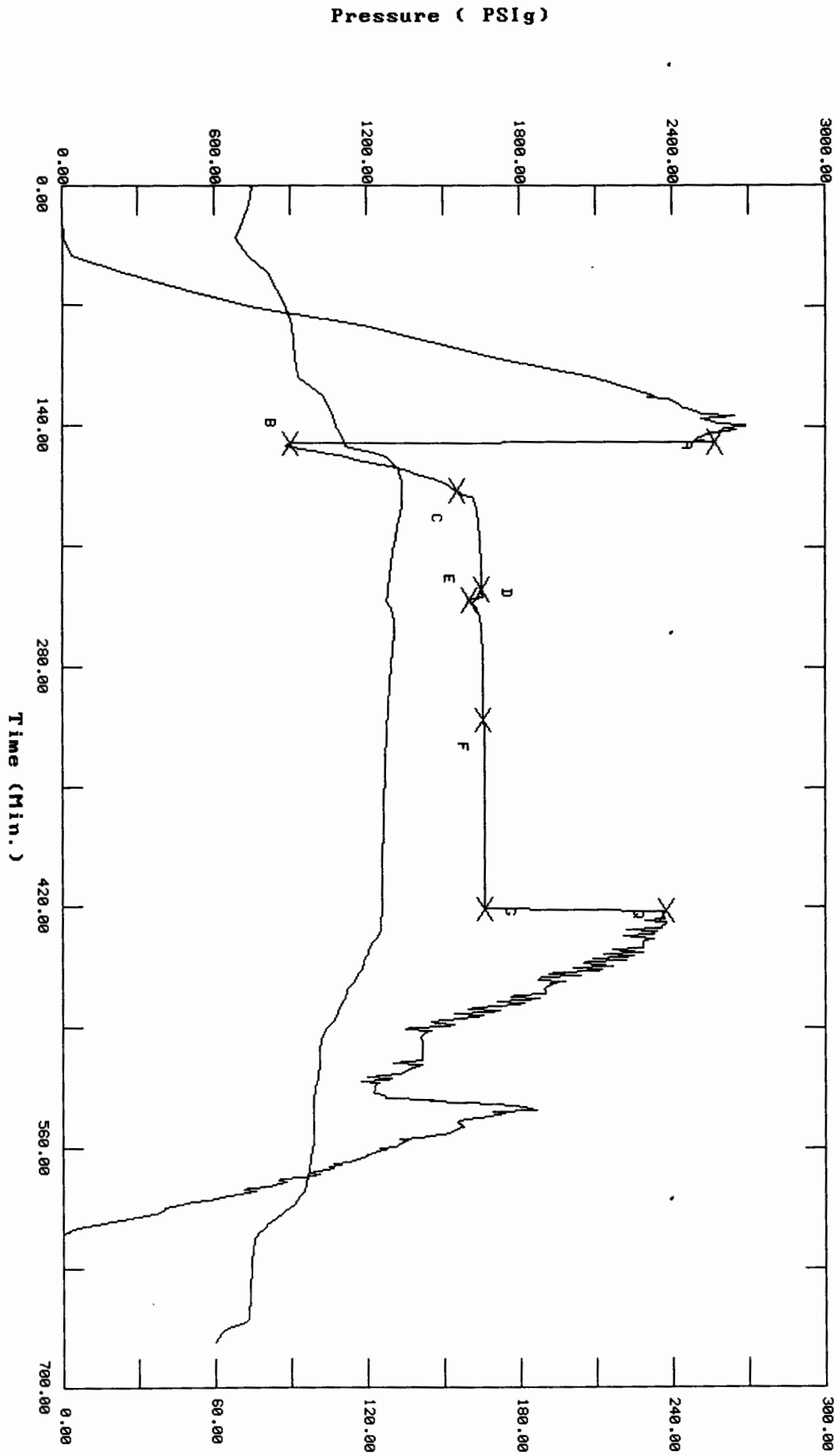
P.O. SUB	5182
C.O. SUB	5302
S.I. TOOL	5308
Sampler	5311
HMV	5316
JARS	5321
SAFETY JOINT	5324
PACKER	5328
PACKER	5333
DEPTH 5333	
STUBB 1'	5334
ANCHOR	
5' Perfs	5339
Alpine @ 5340	
1' co sub	5340
1 std dp 61'	5401
1' co sub	5402
AK-1 @ 5402	
5' Perfs	5407
T.C.	
DEPTH	
5' Perfs	5412
5' Perfs	5417
4' Perfs	5421
BULLNOSE 5' Bullplug	5426
T.D.	5426

TEST HISTORY

TK# 11655 DST# 1 Seaboard Farms#1-15 Zinke & Trumbo

Flag Points
 t (Min.) P (PSig)

R:	0.00	2568.68
B:	0.00	901.09
C:	27.00	1553.98
D:	58.00	1652.24
E:	0.00	1602.08
F:	70.00	1658.57
G:	110.00	1659.57
Q:	0.00	2374.26

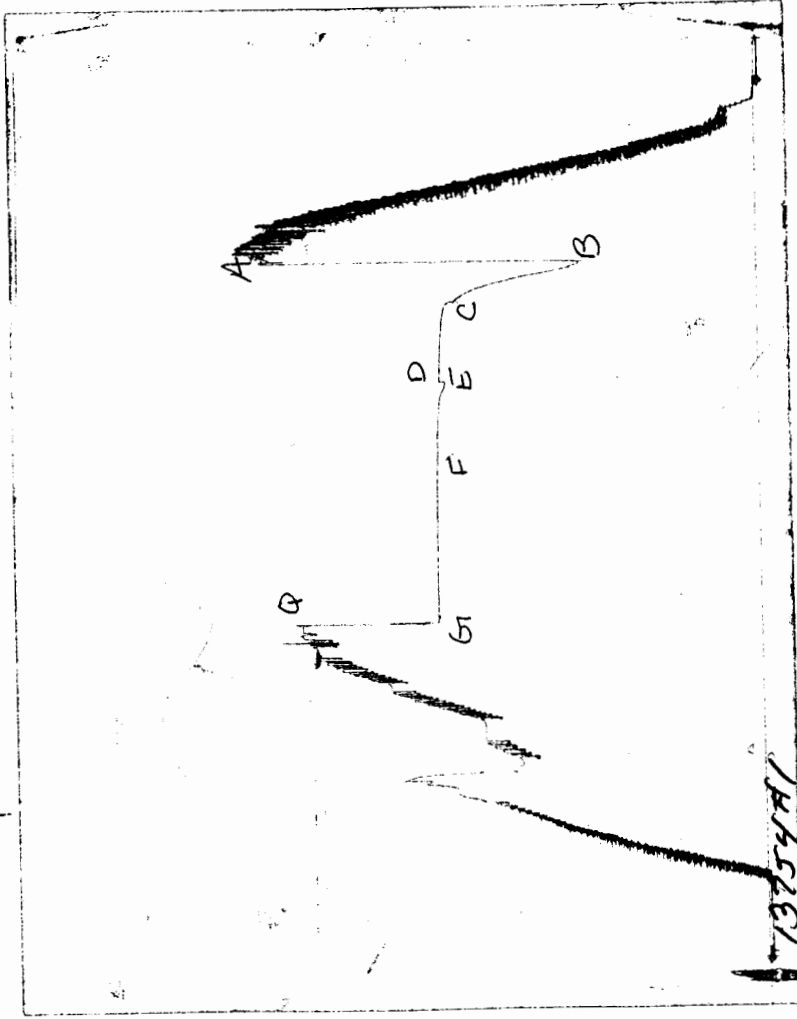


Temperature (DEG F)

Pressure (PSig)

Time (Min.)

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 11655

Well Name & No. <u>Seaboard Farms #1-15</u> Test No. <u>1</u> Date <u>3-9-99</u>	
Company <u>Zinke & Trumbo, Inc</u>	Zone Tested <u>Upper Morrow</u>
Address <u>1202 E. 33rd, Ste 100, Tulsa, Okla. 74105</u> Elevation <u>3098</u> KB <u>3083</u> GL	
Co. Rep / Geo. <u>Harold Trapp</u> Cont. <u>Kal #1</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>15</u> Twp. <u>30</u> Rge. <u>37</u> Co. <u>Grant</u> State <u>Ks</u>	
No. of Copies <u> </u> Distribution Sheet (Y, N) <u> </u> Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>	

Interval Tested <u>5333 - 5426</u>	Initial Str Wt./Lbs. <u>58,000</u>	Unseated Str Wt./Lbs. <u>70,000</u>
Anchor Length <u>93'</u>	Wt. Set Lbs. <u>30,000</u>	Wt. Pulled Loose/Lbs. <u>80,000</u>
Top Packer Depth <u>5328</u>	Tool Weight <u>1500</u>	
Bottom Packer Depth <u>5333</u>	Hole Size — 7 7/8" <u> </u>	Rubber Size — 6 3/4" <u> </u>
Total Depth <u>5426</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u> </u>
Mud Wt. <u>9.1</u> LCM <u>12#</u> Vis. <u>58</u> WL <u>8</u>	Drill Pipe Size <u>4.5x14</u>	Ft. Run <u>5396</u>

Blow Description I.F. Strong - bottom of bucket in 2 min.
IS - Bled off blow - NO RETURN
F.F. Strong - bottom of bucket in 5 min for 30 min then
decreasing to weak 4" blow before shut in

Recovery — Total Feet <u>3355</u>	GIP <u> </u>	Ft. in DC <u> </u>	Ft. in DP <u>3355</u>
Rec. <u>400</u> Feet Of <u>W.T.C Mud</u>	%gas <u> </u>	%oil <u> </u>	%water <u>20</u> %mud <u>80</u>
Rec. <u>2955</u> Feet Of <u>S. Water</u>	%gas <u> </u>	%oil <u>100</u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>

BHT 126 °F Gravity °API D@ °F Corrected Gravity °API
 RW .08 @ 72.4 °F Chlorides 95,000 ppm Recovery Chlorides 2,600 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2715</u>	<u>2569</u>		<u>2341</u>	<u>18:30</u>
(B) First Initial Flow Pressure	<u>917</u>	<u>901</u>		(depth) <u>5340</u>	T-Started <u>23:17</u>
(C) First Final Flow Pressure	<u>1566</u>	<u>1554</u>		Recorder No. <u>13754</u>	T-Open <u>01:47</u>
(D) Initial Shut-In Pressure	<u>1666</u>	<u>1652</u>		(depth) <u>5402</u>	T-Pulled <u>06:17</u>
(E) Second Initial Flow Pressure	<u>1636</u>	<u>1602</u>		Recorder No. <u> </u>	T-Out <u>10:30</u>
(F) Second Final Flow Pressure	<u>1666</u>	<u>1659</u>		(depth) <u> </u>	T-Off Location <u>11:00</u>
(G) Final Shut-in Pressure	<u>1686</u>	<u>1660</u>		PSI Initial Opening <u>30</u>	Test <u>200</u>
(Q) Final Hydrostatic Mud	<u>2421</u>	<u>2374</u>		PSI Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/> <u>200</u>
				Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/> <u> </u>
				Final Shut-in <u>120</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 Harold R Trapp
 Our Representative Dan Bangle

Circ. Sub 35
 Sampler 200
 Extra Packer
 Elec. Rec.
 Mileage
 Other
 TOTAL PRICE \$ 1435

TRILOBITE TESTING L.L.C.

OPERATOR : Zinke & Trumbo Inc
 WELL NAME: Seaboard Farms #1-15
 LOCATION : 15-30S-37W Grant KS
 INTERVAL : 5646.00 To 5774.00 ft

DATE 3-11-99
 KB 3093.00 ft TICKET NO: 11907 DST #2
 GR 3101.00 ft FORMATION: Lwr Morrow
 TD 5774.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13309	13309	3024			PF Fr. 0058 to 0128 hr
SI 60 Range(Psi)	4700.0	4700.0	4995.0	0.0	0.0	IS Fr. 0128 to 0228 hr
SF 60 Clock(hrs)	12 HR	12	ALP			SF Fr. 0228 to 0328 hr
FS 120 Depth(ft)	5675.0	5675.0	5650.0	0.0	0.0	FS Fr. 0328 to 0528 hr

	Field	1	2	3	4	
A. Init Hydro	2723.0	0.0	2793.0	0.0	0.0	T STARTED 2230 hr
B. First Flow	0.0	0.0	22.0	0.0	0.0	T ON BOTM 0056 hr
B1. Final Flow	0.0	0.0	30.0	0.0	0.0	T OPEN 0058 hr
C. In Shut-in	0.0	0.0	109.0	0.0	0.0	T PULLED 0528 hr
D. Init Flow	0.0	0.0	30.0	0.0	0.0	T OUT 0800 hr
E. Final Flow	0.0	0.0	73.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	105.0	0.0	0.0	
G. Final Hydro	2593.0	0.0	2610.0	0.0	0.0	TOOL DATA-----
Inside/Outside	0	0	I			Tool Wt. 2000.00 lbs

RECOVERY

Tot Fluid 10.00 ft of 0.00 ft in DC and 10.00 ft in DP
 10.00 ft of Drilling 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 4800.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Weak 1/4" blow died @ 25 mins

Final Flow:
 No return blow

SAMPLES:
 SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	58.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	126.00 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	Rod Steinbrink
Co. Rep.	Harold Trapp
Contr.	Val Energy
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Seaboard Farms #1-15
 LOCATION : 15-30S-37W Grant KS
 TICKET No. 11907 D.S.T. No. 2 DATE 3-11-99
 TOTAL TOOL TO BOTTOM OF TOP PACKERS 30
 INTERVAL TOOL 35
 BOTTOM PACKERS AND ANCHOR
 TOTAL TOOL 65
 RILL COLLAR ANCHOR IN INTERVAL
 .C. ANCHOR STND.Stands Single Total
 .P. ANCHOR STND.Stands 1 Single 1 Total 93
 TOTAL ASSEMBLY 158
 .C. ABOVE TOOLS.Stands Single Total
 .P. ABOVE TOOLS.Stands 91 Single Total 5634
 TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5792
 TOTAL DEPTH 5774
 TOTAL DRILL PIPE ABOVE K.B. 18

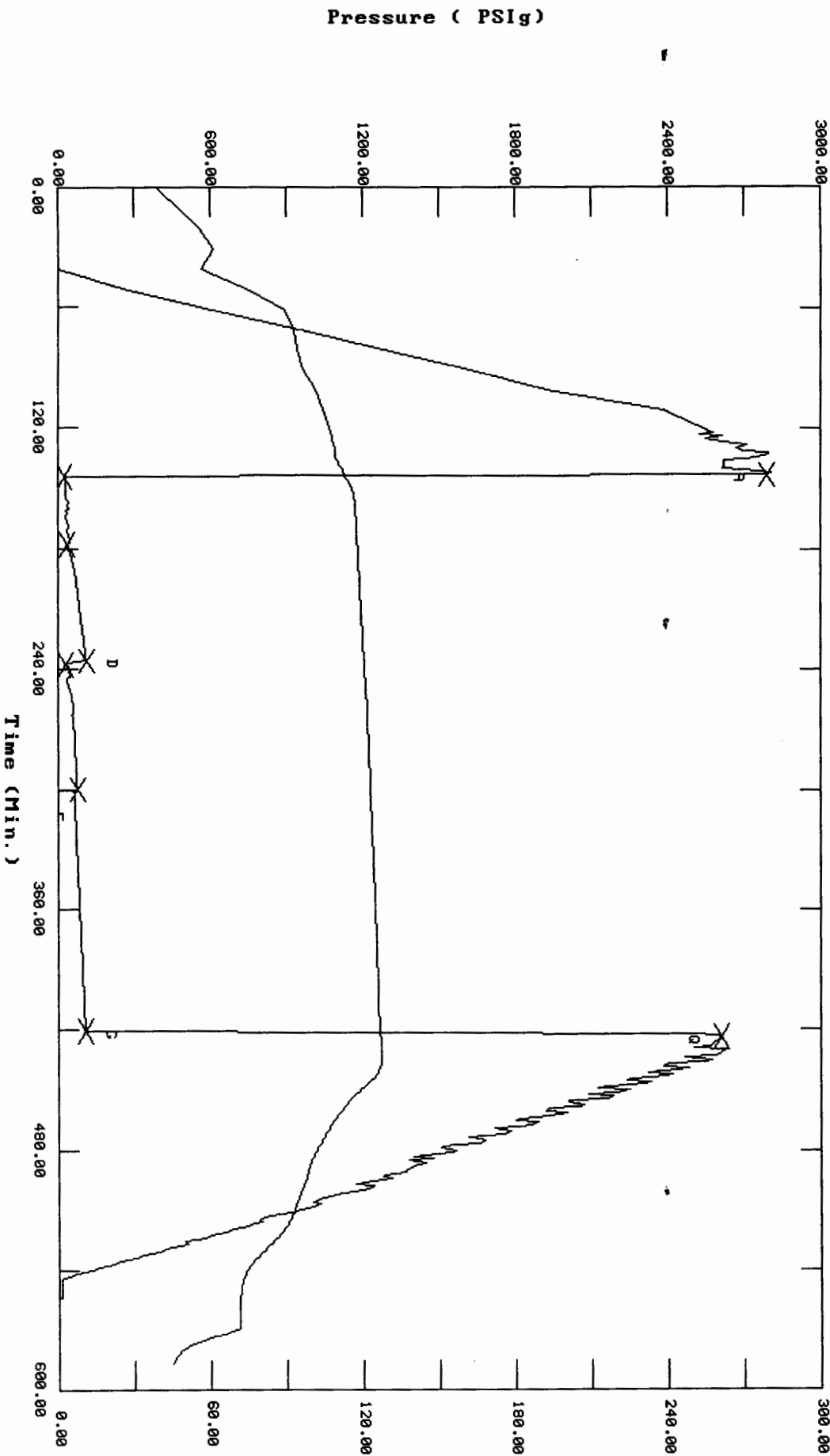
REMARKS:
 sampler Data;
 as;
 il;
 ater;
 ud; 4000 ml
 otal Volume; 4000 ml
 ressure; 20 # psi

	P.O. SUB 1' Above 120' DP	5496
	C.O. SUB 1'	5616
	S.I. TOOL 5'	5622
	3' Sampler	5625
	HMV 5'	5630
	JARS 5'	5635
	SAFETY JOINT 2'	5637
	PACKER 4'	5641
	PACKER 5'	5646
	DEPTH	
	STUBB 1'	5647
	ANCHOR	
	Alp Rec. @	5650
	26' Perf	5673
	1' c/o sub	5674
	93' DP	5767
	1' c/o sub	5768
	T.C.	
	DEPTH	
	AK-1 Rec. @	5769
	BULLNOSE 5'	
	T.D.	5774

TEST HISTORY

11907 DST #2 Seaboard Farms #1-15 Zinke & Trumbo

Flag Points	T (Min.)	P (PSIG)
R:	0.00	2793.82
B:	0.00	22.07
C:	34.00	30.95
D:	58.00	109.03
E:	0.00	30.39
F:	62.00	73.54
G:	121.00	105.21
Q:	0.00	2610.05

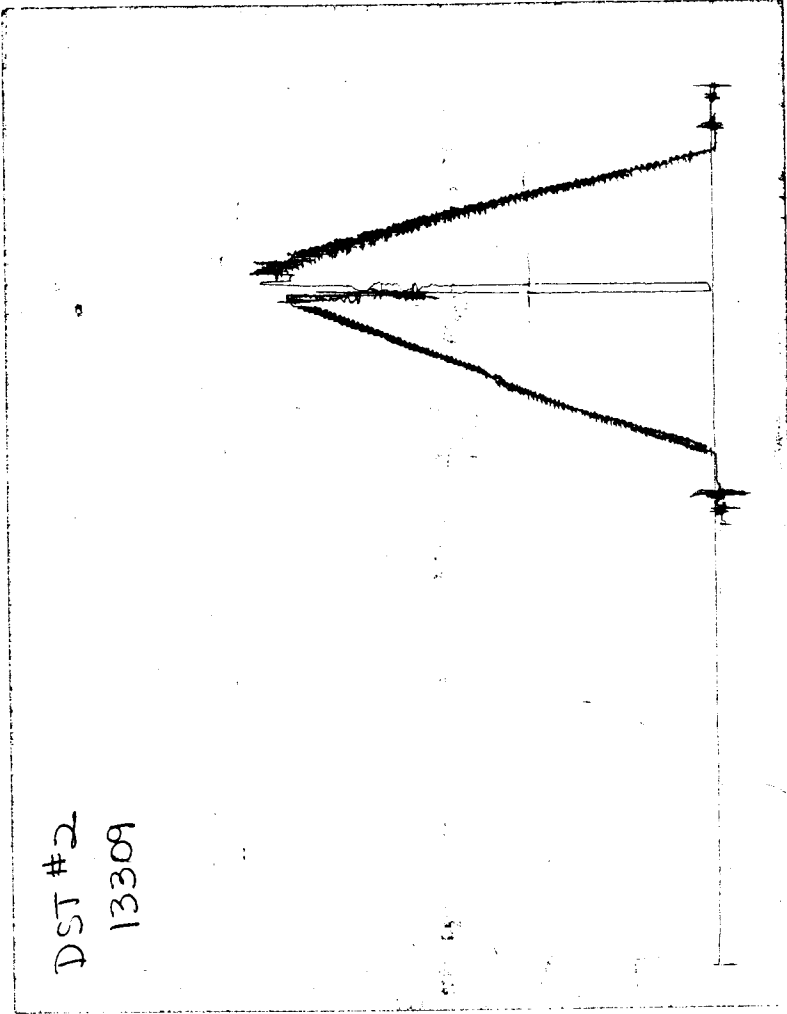


Temperature (DEG F)

Pressure (PSIG)

Time (Min.)

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

FLUID SAMPLER DATA

Ticket No. 11907 Date 3-11-99
Company Name Zinke & Trumbo Cont. Val Energy #1
Lease Seaboard Farms #1-15 Test No. #2 Lwr. Morrow
County Grant KS. Sec. 15 Twp. 3D^s Rng. 37^w

SAMPLER RECOVERY

Gas _____ ML
Oil _____ ML
Mud 4,000 ML
Water _____ ML
Other _____ ML
Pressure 20[#] PSI
Total 4,000 ML

PIT MUD ANALYSIS

Chlorides 4,800 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 58
Mud Weight 9.1
Filtrate 8.8
Other ICM 8 #/bbl.

SAMPLER ANALYSIS

Resistivity 1.4 ohms @ 70° F
Chlorides 4,800 ppm.
Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 11907

Test Ticket

Well Name & No.	Seaboard Farms #1-15		Test No.	2	Date	3-11-99	
Company	Zinke & Trumbo, Inc.		Zone Tested	Lwr Morrow			
Address	1202 E 33 rd Ste 100 Tulsa, OK 74105		Elevation	3101	KB	3093 GL	
Co. Rep / Geo.	Harold Trapp	Cont.	Val Energy #1	Est. Ft. of Pay	Por.	%	
Location: Sec.	15	Twp.	30 ^S	Rge.	37 ^W	Co.	Grant State KS
No. of Copies	Distribution Sheet (Y, N)	Turnkey (Y, N)	Evaluation (Y, N)				

Interval Tested	5646 - 5774	Initial Str Wt./Lbs.	60,000	Unseated Str Wt./Lbs.	60,000
Anchor Length	128'	Wt. Set Lbs.	30,000	Wt. Pulled Loose/Lbs.	90,000
Top Packer Depth	5641	Tool Weight	2,000		
Bottom Packer Depth	5646	Hole Size —	7 7/8"	Rubber Size —	6 3/4"
Total Depth	5774	Wt. Pipe Run	—	Drill Collar Run	—
Mud Wt.	9.1 LCM B ⁴	Vis.	58	WL	8.8
Blow Description	IF: Weak 1/4" blow died in 25 mins.				

FF: No return blow.

Recovery — Total Feet	GIP	—	Ft. in DC	—	Ft. in DP	10'
Rec.	Feet Of	%gas	%oil	%water	%mud	
Rec.	Feet Of	%gas	%oil	%water	%mud	
Rec.	10'	Feet Of	Drly Mud	%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	1.4	@	70°	°F Chlorides	4,800	ppm Recovery Chlorides 4,800 ppm System

(A) Initial Hydrostatic Mud	AK-1 2723	Alpine 2793	PSI Recorder No.	3024	T-On Location	2100
(B) First Initial Flow Pressure		22	PSI (depth)	5650	T-Started	2230
(C) First Final Flow Pressure		30	PSI Recorder No.	13309	T-Open	0058
(D) Initial Shut-In Pressure		109	PSI (depth)	5675	T-Pulled	0530
(E) Second Initial Flow Pressure		30	PSI Recorder No.	—	T-Out	0800
(F) Second Final Flow Pressure		73	PSI (depth)	—	T-Off Location	
(G) Final Shut-in Pressure		105	PSI Initial Opening	30	Test	200
(Q) Final Hydrostatic Mud	2593	2610	PSI Initial Shut-in	60	Jars	X 500
			Final Flow	60	Safety Joint	X
			Final Shut-in	120	Straddle	

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Approved By Harold Trapp

Our Representative Rod Steinbrink

Circ. Sub X N/C
 Sampler X 200
 Extra Packer _____
 Elec. Rec. X 50
 Mileage _____
 Other _____
 TOTAL PRICE \$ 1400

TRILOBITE TESTING L.L.C.

OPERATOR : Zinke & Trumbo Inc.
 WELL NAME: Seaboard Farms #1-15
 LOCATION : 15-30S-37W Grant KS
 INTERVAL : 5970.00 To 6012.00 ft

DATE 3-12-99

KB 3101.00 ft TICKET NO: 11908 DST #3
 GR 3093.00 ft FORMATION: St Louis
 TD 6012.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	3024			PF Fr. 1957 to 2027 hr
SI 60 Range (Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 2027 to 2127 hr
SF 60 Clock (hrs)	12 HR	12	ALP			SF Fr. 2127 to 2227 hr
FS 120 Depth (ft)	5978.0	5987.0	5973.0	0.0	0.0	FS Fr. 2227 to 0027 hr

	Field	1	2	3	4	
A. Init Hydro	28630.0	2876.0	2818.0	0.0	0.0	T STARTED 1730 hr
B. First Flow	114.0	152.0	38.0	0.0	0.0	T ON BOTM 1955 hr
B1. Final Flow	135.0	171.0	112.0	0.0	0.0	T OPEN 1957 hr
C. In Shut-in	1130.0	1166.0	1142.0	0.0	0.0	T PULLED 0027 hr
D. Init Flow	176.0	224.0	117.0	0.0	0.0	T OUT 0330 hr
E. Final Flow	187.0	224.0	160.0	0.0	0.0	
F. Fl Shut-in	949.0	1004.0	966.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2771.0	2791.0	2770.0	0.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 140000.00 lbs
						Initial Str Wt 60000.00 lbs
						Unseated Str Wt 70000.00 lbs
						Bot Choke 0.75 in
						Hole Size 8.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 120.00 ft
						D.P. Length 5855.00 ft

RECOVERY

Tot Fluid 310.00 ft of 120.00 ft in DC and 190.00 ft in DP
 130.00 ft of Water mud 40% water 60% mud
 180.00 ft of Water
 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 36000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	8.90 lb/cf
Vis.	50.00 S/L
W.L.	7.20 in ³
F.C.	0.00 in

Mud Drop N

Amt. of fill	0.00 ft
Btm. H. Temp.	137.00 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 Rod Steinbrink
 Co. Rep. Harold Trapp
 Contr. Val Energy
 Rig # 1
 Unit #
 Pump T.

BLOW DESCRIPTION

Initial Flow:
 Surface blow slowly built to 8"
 Initial Shut-in:
 No return blow
 Final Flow:
 Steady 1/2" blow throughout
 Final Shut-in:
 No return blow

SAMPLES:
 SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Seaboard Farms #1-15

LOCATION : 15-30S-37W Grant KS

WELL No. 11908 D.S.T. No. 3 DATE 3-12-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL 42

BOTTOM PACKERS AND ANCHOR

TOTAL TOOL 72

DRILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STND.Stands Single Total

P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 72

C. ABOVE TOOLS.Stands2 Single Total 120

P. ABOVE TOOLS.Stands94 Single 1 Total 5855

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 6034

TOTAL DEPTH 6012

TOTAL DRILL PIPE ABOVE K.B. 31

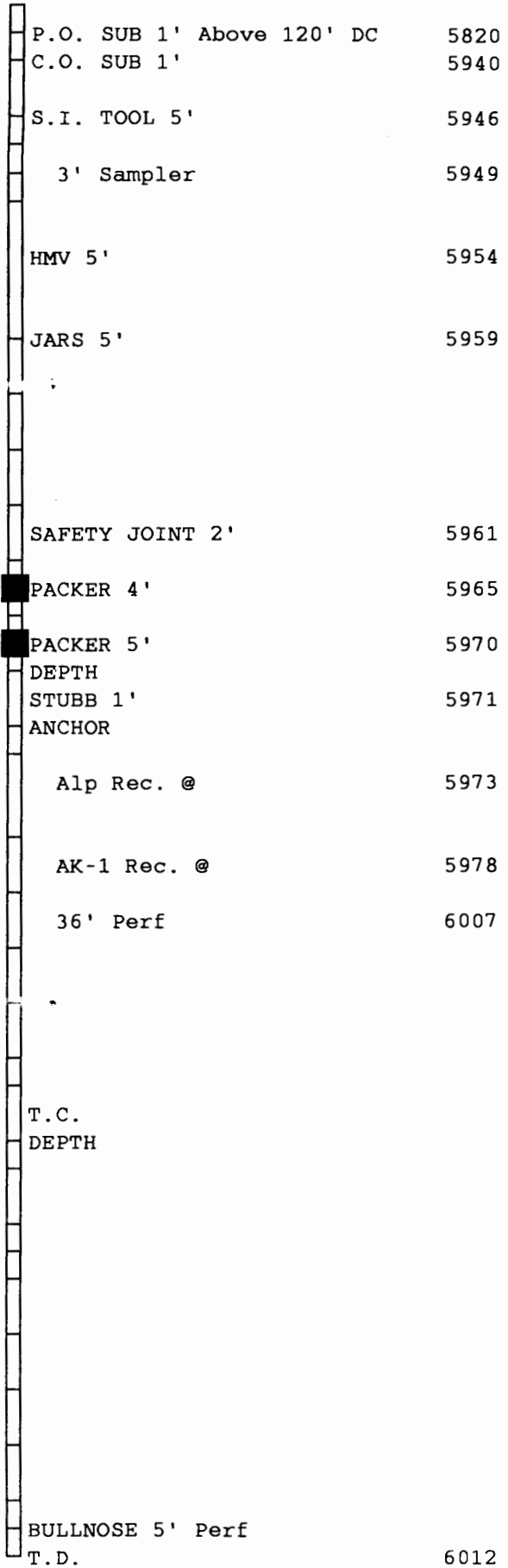
MARKS:
Sampler Data;

s;
l;
ter; 4000 ml
d;

total Volume; 4000 ml

pressure; 100# psi

.29 @ 50 deg = 36000 Chlorides

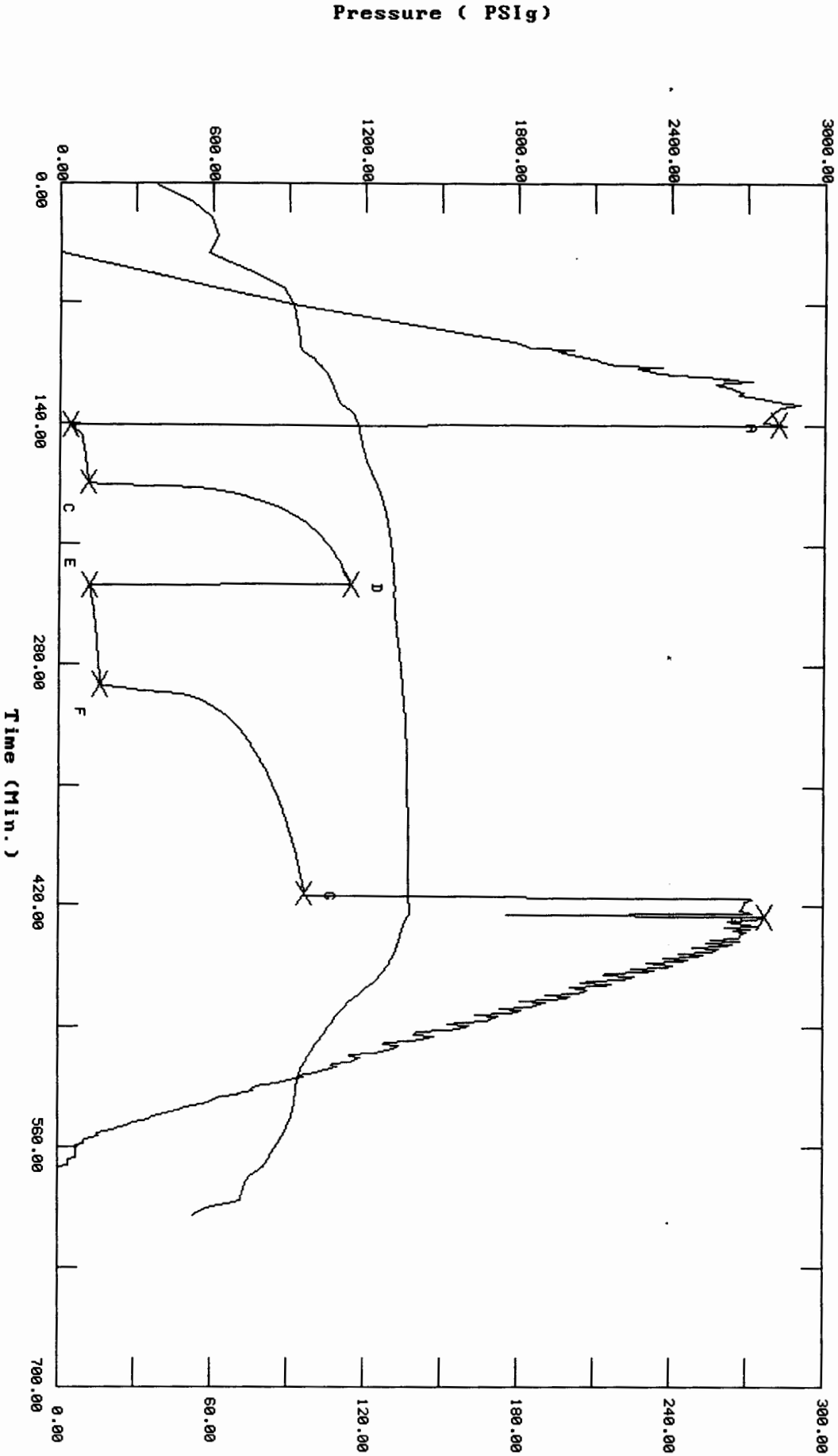


11908 DST #3 Seaboard Farms #1-15 Zinke & Trumbo

TEST HISTORY

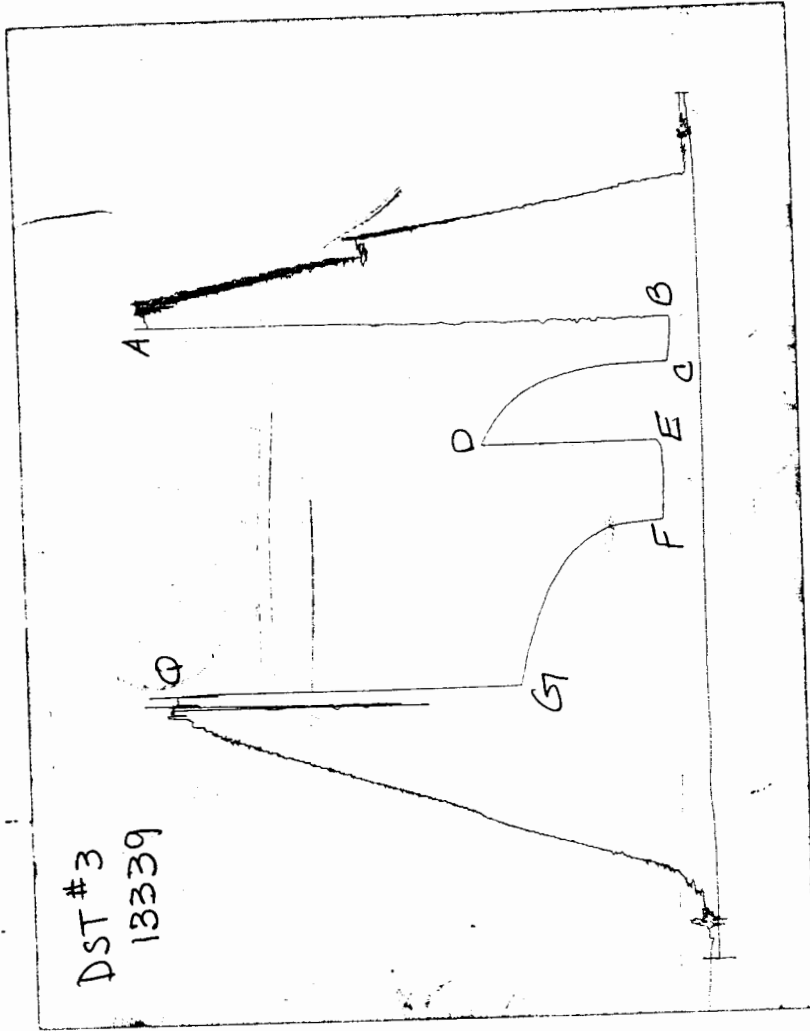
Flag Points

Time (Min.)	Pressure (PSI _g)
A: 0.00	2818.54
B: 0.00	38.18
C: 33.00	112.84
D: 59.00	1142.52
E: 0.00	117.82
F: 58.00	160.68
G: 121.00	966.76
H: 0.00	2770.85



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

FLUID SAMPLER DATA

Ticket No. 11908 Date 3-12-99
Company Name Zinke & Trumbo, Inc. Cont. Val Energy #1
Lease Seaboard Farms #1-15 Test No. 3 St Louis
County Grant KS. Sec. ~~30~~ 15 Twp. 30^s Rng. 37^w

SAMPLER RECOVERY

Gas _____ ML
Oil _____ ML
Mud _____ ML
Water 4,000 ML
Other _____ ML
Pressure 100 # PSI
Total 4,000 ML

PIT MUD ANALYSIS

Chlorides 2,400 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 50
Mud Weight 8.9
Filtrate 7.2
Other LCM 6 # / Hbl.

SAMPLER ANALYSIS

Resistivity 0.29 ohms @ 50° F
Chlorides 36,000 ppm.
Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM
Resistivity 0.29 ohms @ 50° F
Chlorides 36,000 ppm.

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 11908

Test Ticket

Well Name & No.	<u>Seaboard Farms #1-15</u>	Test No.	<u>3</u>	Date	<u>3-12-99</u>
Company	<u>Zinke & Trumbo, Inc.</u>	Zone Tested	<u>St Louis</u>		
Address	<u>1202 E. 23rd Stc 100 Tulsa, OK 74105</u>		Elevation	<u>3101</u>	KB <u>3093</u> GL
Co. Rep / Geo.	<u>Harold Trapp</u>	Cont.	<u>Val Energy #1</u>	Est. Ft. of Pay	Por. %
Location: Sec.	<u>15</u>	Twp.	<u>30^s</u>	Rge.	<u>31^w</u>
			Co.	<u>Grant</u>	State <u>KS.</u>
No. of Copies	Distribution Sheet (Y, N)	Turnkey (Y, N)	Evaluation (Y, N)		

Interval Tested	<u>5970 - 6012</u>	Initial Str Wt./Lbs.	<u>60,000</u>	Unseated Str Wt./Lbs.	<u>70,000</u>
Anchor Length	<u>42'</u>	Wt. Set Lbs.	<u>30,000</u>	Wt. Pulled Loose/Lbs.	<u>140,000</u>
Top Packer Depth	<u>5965</u>	Tool Weight	<u>2,000</u>		
Bottom Packer Depth	<u>5970</u>	Hole Size — 7 7/8"		Rubber Size — 6 3/4"	
Total Depth	<u>6012</u>	Wt. Pipe Run	<u>—</u>	Drill Collar Run	<u>4 1/2" H-90 120'</u>
Mud Wt.	<u>8.9</u> LCM <u>6#</u> Vis. <u>50</u> WL <u>7.2</u>	Drill Pipe Size	<u>4 1/2" XH</u>	Ft. Run	<u>5855'</u>
Blow Description	<u>IF: Surface blow slowly built to 8"</u>				
	<u>ISI: No return blow.</u>				
	<u>FF: Steady 1/2' blow throughout.</u>				
	<u>FSI: No return blow.</u>				

Recovery — Total Feet	<u>310'</u>	GIP	<u>—</u>	Ft. in DC	<u>120'</u>	Ft. in DP	<u>190'</u>
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	<u>130'</u>	Feet Of	<u>WM</u>	%gas	%oil <u>40%</u>	%water	<u>60</u> %mud
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	<u>180'</u>	Feet Of	<u>Wtr</u>	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud		
BHT	<u>137°</u>	°F Gravity	°API D@	°F Corrected Gravity	°API		
RW	@	°F Chlorides	ppm Recovery	Chlorides	<u>2,400</u>	ppm System	

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2863</u>	<u>2818</u>		<u>3024</u>	<u>1700</u>
(B) First Initial Flow Pressure	<u>114</u>	<u>38</u>	PSI	(depth) <u>5973</u>	T-Started <u>1730</u>
(C) First Final Flow Pressure	<u>135</u>	<u>112</u>	PSI	Recorder No. <u>13339</u>	T-Open <u>1957</u>
(D) Initial Shut-In Pressure	<u>1130</u>	<u>1142</u>	PSI	(depth) <u>5978</u>	T-Pulled <u>0027</u>
(E) Second Initial Flow Pressure	<u>176</u>	<u>117</u>	PSI	Recorder No. <u>—</u>	T-Out <u>0330</u>
(F) Second Final Flow Pressure	<u>187</u>	<u>160</u>	PSI	(depth) <u>—</u>	T-Off Location <u>0430</u>
(G) Final Shut-in Pressure	<u>949</u>	<u>966</u>	PSI	Initial Opening <u>30</u>	Test <u>900</u>
(Q) Final Hydrostatic Mud	<u>2711</u>	<u>2770</u>	PSI	Initial Shut-in <u>60</u>	Jars <u>X</u> <u>200</u>
				Final Flow <u>60</u>	Safety Joint <u>X</u> <u>50</u>
				Final Shut-in <u>120</u>	Straddle <u>—</u>
					Circ. Sub <u>X</u> <u>N/C</u>
					Sampler <u>X</u> <u>200</u>
					Extra Packer <u>—</u>
					Elec. Rec. <u>X</u> <u>150</u>
					Mileage <u>—</u>
					Other <u>—</u>
					TOTAL PRICE \$ <u>1500</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 (Harold Trapp)

Our Representative Rod Steinbrink

(18)