

ORIGINAL

Well Name: ABBEY MICHELLE #1-35  
Company : AMOCO PRODUCTION COMPANY  
Location - Sec: 35 Twp: 29S Rge: 40W  
County: STANTON State: KS  
Date: 12/18/95

CONFIDENTIAL

15-187-20806

KCC

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CONFIDENTIAL

RELEASED  
APR 6 1998  
FROM CONFIDENTIAL

TRILOBITE TESTING L.L.C.

OPERATOR: Amoco Production Company  
 WELL NAME: Abbey Michelle #1-35  
 LOCATION: 35-29S-40W Stanton Cty KS  
 INTERVAL: 5617.00 To 5648.00 ft

DATE 12/18/95

KB 0.00 ft TICKET NO: 8270 DST #1  
 GR 3259.00 ft FORMATION: St Louis  
 TD 5648.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 10	Rec.	2836	2836	2351		PF Fr. 1822 to 1832 hr
SI 60	Range(Psi)	3500.0	3500.0	4995.0	0.0	0.0 IS Fr. 1832 to 1932 hr
SP 120	Clock(hrs)	AK-1	AK-1	Alpin		SF Fr. 1932 to 2132 hr
FS 120	Depth(ft)	5645.0	5645.0	5623.0	0.0	0.0 FS Fr. 2132 to 2332 hr

	Field	1	2	3	4	
A. Init Hydro	0.0	2719.0	2699.0	0.0	0.0	T STARTED hr
B. First Flow	0.0	659.0	719.0	0.0	0.0	T ON BOTM 1820 hr
B1. Final Flow	0.0	473.0	496.0	0.0	0.0	T OPEN 1822 hr
C. In Shut-in	0.0	1379.0	1476.0	0.0	0.0	T PULLED 2332 hr
D. Init Flow	0.0	550.0	589.0	0.0	0.0	T OUT hr
E. Final Flow	0.0	1040.0	1121.0	0.0	0.0	
F. Fl Shut-in	0.0	1379.0	1459.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	0.0	2619.0	2631.0	0.0	0.0	Tool Wt. 0.00 lb
Inside/Outside	0	0	I			Wt Set On Packer 0.00 lb
						Wt Pulled Loose 0.00 lb
						Initial Str Wt 0.00 lb
						Unseated Str Wt 0.00 lb
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 727.00 ft
						D.P. Length 0.00 ft

RECOVERY

Tot Fluid 2580.00 ft of 727.00 ft in DC and 1853.00 ft in DP  
 240.00 ft of Mud - 100% mud  
 560.00 ft of Gas cut mud - 20% gas, 80% oil  
 120.00 ft of Gassy water & oil -  
 45% gas, 25% oil, 30% water  
 400.00 ft of Slightly oil cut gassy water -  
 25% gas, 5% oil, 70% water  
 1260.00 ft of Salt water - 100% water

SALINITY 17500.00 P.P.M. A.P.I. Gravity 42.90

BLOW DESCRIPTION

Initial Flow -  
 Strong bnlow, bottom of bucket in 30  
 sec; Gas to surface in 10 min

Initial Shutin -  
 Bottom of bucket blow back

Final Flow -  
 Strong blow, bottom of bucket as soon  
 as tool open

Final Shutin -  
 2" would not bleed off

SAMPLES:  
 SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	8.90 lb
Vis.	60.00 s/
W.L.	6.00 in
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	126.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Mike Colantonio
Co. Rep.	Chuck Schmoltz
Contr.	Cheyenne
Rig #	3
Unit #	
Pump T.	

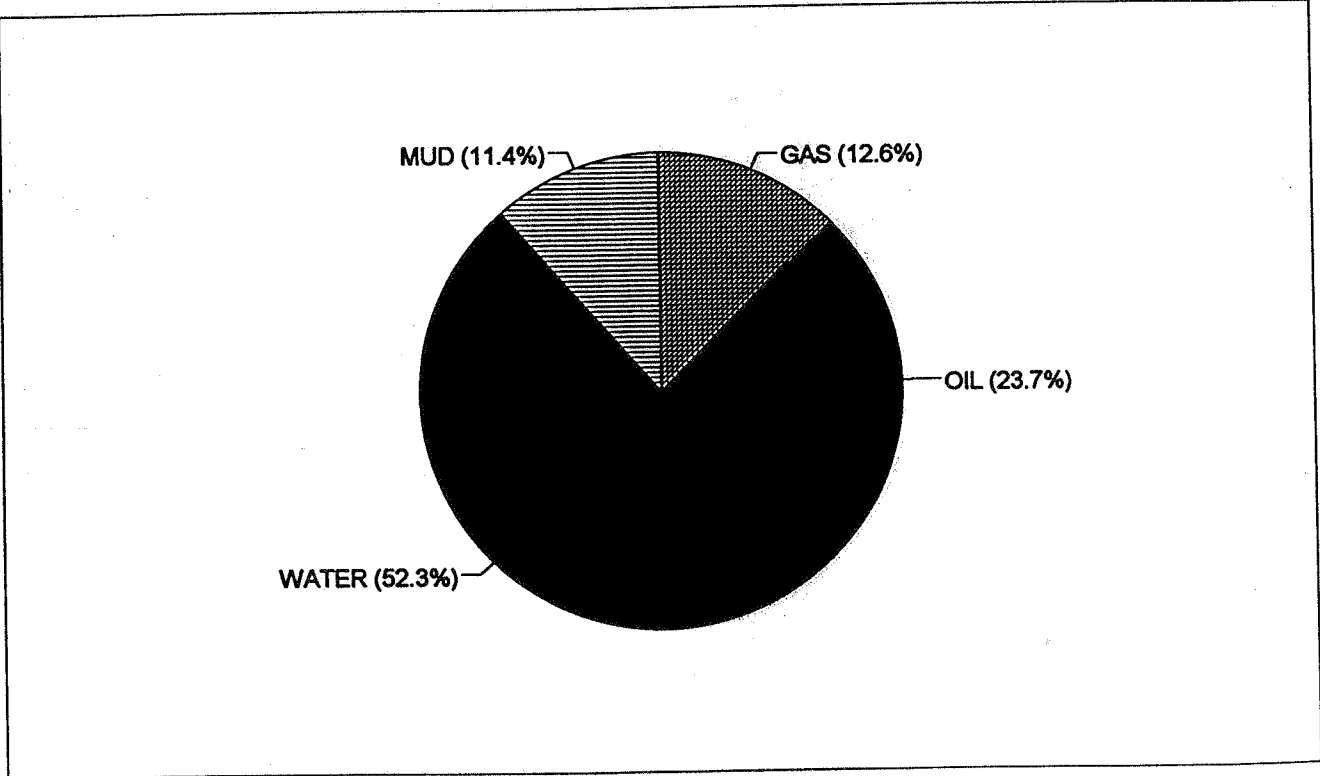
Test Successful: Y

# CALCULATED RECOVERY ANALYSIS

DST # 1

TICKET # 8270

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD		
		%	FEET	%	FEET	%	FEET	%	FEET	
DRILL PIPE	1	240	0	0	0	0	0	100	240	
	2	560	20	112	80	448	0	0	0	
	3	120	45	54	25	30	30	36	0	
	4	400	25	100	5	20	70	280	0	
	5	533		0		0	100	533	0	
	6			0		0	0	0	0	
WEIGHT PIPE	1			0		0	0	0	0	
	2			0		0	0	0	0	
	3			0		0	0	0	0	
	4			0		0	0	0	0	
DRL COLLAR	1	727		0		0	100	727	0	
	2			0		0	0	0	0	
	3			0		0	0	0	0	
	4			0		0	0	0	0	
	5			0		0	0	0	0	
<b>TOTAL</b>		<b>2580</b>	<b>10.31008</b>	<b>266</b>	<b>19.30233</b>	<b>498</b>	<b>61.08527</b>	<b>1576</b>	<b>9.302326</b>	<b>240</b>
				<b>HRS OPE BBL/DAY</b>						
BBL OIL=	7.08156	*	2.17	78.46604						
BBL WATER=	15.62781	*		173.1613						
BBL MUD=	3.4128									
BBL GAS =	3.78252									



# TEST HISTORY

8278 DST#1 Abbey Michelle #1-35 Amoco Production Comp.

## Flag Points

t(Min.) P( PSig)

A:	0.00	2699.19
B:	0.00	718.75
C:	0.00	496.42
D:	60.00	1475.66
E:	0.00	589.08
F:	118.00	1120.65
G:	122.00	1459.08
Q:	0.00	2631.21

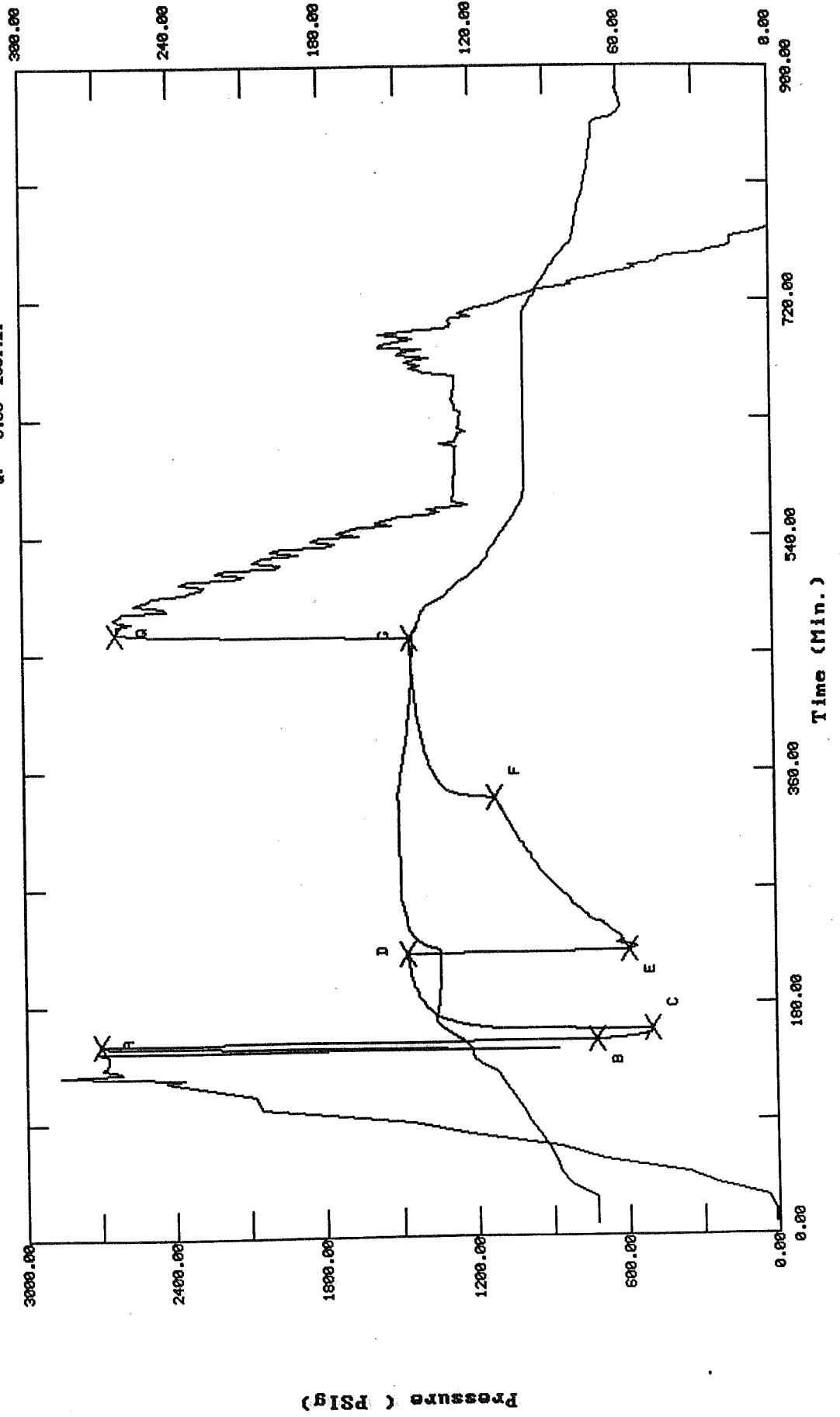
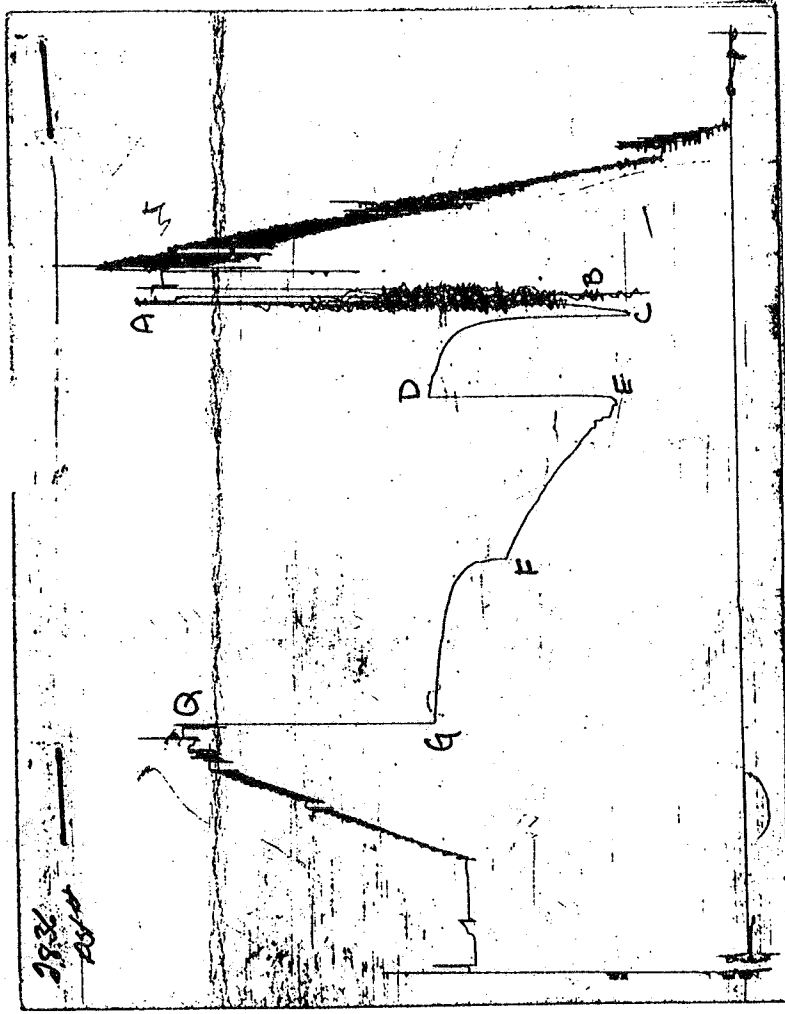


CHART PAGE



This is an actual photograph of recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8270 DST#1 Abbey Michelle #1-35 Amoco Production Comp.

DATE: 12/18/95

TIME: 15:50:54

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
***** Initial Hydro.	150.00	2699.2	0.0	123.98		
***** Start Flow 1	0.00	718.7	0.0	125.06		
	2.00	621.2	-97.5	126.50		
	4.00	535.0	-183.7	128.30		
	6.00	489.5	-229.3	130.10		
***** End Flow 1	8.00	496.4	-222.3	131.90		
***** Start Shutin 1	0.00	496.4	0.0	131.90	0.0000	0.246
	2.00	1113.9	617.5	133.34	5.0000	1.241
	4.00	1220.1	723.6	134.60	3.0000	1.489
	6.00	1274.9	778.4	135.50	2.3333	1.625
	8.00	1310.3	813.8	135.86	2.0000	1.717
	10.00	1336.0	839.5	135.86	1.8000	1.785
	12.00	1355.5	859.1	135.86	1.6667	1.837
	14.00	1371.0	874.6	135.68	1.5714	1.880
	16.00	1383.8	887.4	135.50	1.5000	1.915
	18.00	1394.7	898.3	135.50	1.4444	1.945
	20.00	1404.0	907.6	135.14	1.4000	1.971
	22.00	1412.2	915.7	135.14	1.3636	1.994
	24.00	1419.4	923.0	134.96	1.3333	2.015
	26.00	1425.8	929.3	134.96	1.3077	2.033
	28.00	1431.3	934.9	134.78	1.2857	2.049
	30.00	1436.2	939.8	134.78	1.2667	2.063
	32.00	1440.9	944.5	134.60	1.2500	2.076
	34.00	1445.1	948.6	134.60	1.2353	2.088
	36.00	1448.8	952.3	134.60	1.2222	2.099
	38.00	1452.1	955.7	134.60	1.2105	2.109
	40.00	1455.3	958.9	134.42	1.2000	2.118
	42.00	1458.2	961.7	134.42	1.1905	2.126
	44.00	1460.8	964.3	134.42	1.1818	2.134
	46.00	1463.2	966.8	134.42	1.1739	2.141
	48.00	1465.5	969.0	134.24	1.1667	2.148
	50.00	1467.5	971.0	134.24	1.1600	2.153
	52.00	1469.3	972.9	134.24	1.1538	2.159
	54.00	1471.2	974.8	134.24	1.1481	2.165
	56.00	1472.9	976.5	134.06	1.1429	2.170
	58.00	1474.4	977.9	134.06	1.1379	2.174
***** End Shut-in 1	60.00	1475.9	979.4	134.06	1.1333	2.178
***** Start Flow 2	0.00	589.1	0.0	134.42		
	2.00	558.8	-30.3	136.94		
	4.00	569.3	-19.8	139.46		
	6.00	636.2	47.1	141.80		
	8.00	609.5	20.4	143.24		
	10.00	618.5	29.5	144.32		
	12.00	624.4	35.3	145.22		
	14.00	642.0	52.9	145.94		
	16.00	656.7	67.6	146.66		
	18.00	669.7	80.7	147.02		
	20.00	679.6	90.6	147.38		
	22.00	690.4	101.3	147.56		
	24.00	729.8	140.7	147.74		
	26.00	751.3	162.2	147.56		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8270 DST#1 Abbey Michelle #1-35 Amoco Production Comp.

DATE: 12/18/95 TIME: 15:50:54

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
28.00	750.4	161.3	147.92		
30.00	768.0	178.9	148.10		
32.00	781.5	192.4	148.46		
34.00	793.9	204.8	149.00		
36.00	806.5	217.5	149.36		
38.00	813.5	224.4	149.54		
40.00	823.7	234.6	149.72		
42.00	833.3	244.2	149.72		
44.00	846.2	257.1	149.72		
46.00	858.8	269.7	149.72		
48.00	869.4	280.3	149.90		
50.00	879.0	289.9	149.90		
52.00	889.0	300.0	149.90		
54.00	899.9	310.9	149.90		
56.00	910.4	321.4	149.90		
58.00	920.4	331.3	150.08		
60.00	927.8	338.7	150.08		
62.00	938.1	349.0	150.08		
64.00	944.9	355.9	150.08		
66.00	953.3	364.2	150.08		
68.00	961.2	372.1	150.26		
70.00	968.6	379.5	150.26		
72.00	976.5	387.4	150.26		
74.00	978.1	389.0	150.44		
76.00	988.3	399.2	150.44		
78.00	997.0	407.9	150.44		
80.00	1004.4	415.4	150.44		
82.00	1009.8	420.7	150.44		
84.00	1017.0	427.9	150.44		
86.00	1024.2	435.2	150.62		
88.00	1030.3	441.2	150.62		
90.00	1036.7	447.6	150.62		
92.00	1044.6	455.5	150.62		
94.00	1050.9	461.8	150.62		
96.00	1056.6	467.6	150.62		
98.00	1062.3	473.3	150.62		
100.00	1067.6	478.6	150.62		
102.00	1073.7	484.6	150.80		
104.00	1079.6	490.5	150.80		
106.00	1086.4	497.3	150.80		
108.00	1092.5	503.4	150.80		
110.00	1098.9	509.8	150.80		
112.00	1105.2	516.1	150.80		
114.00	1111.9	522.8	150.80		
116.00	1116.0	526.9	150.80		
118.00	1120.8	531.8	150.98		

\*\*\*\*\* End Flow 2

\*\*\*\*\* Start Shutin 2

0.00	1120.8	0.0	150.98	0.0000	1.256
2.00	1261.2	140.3	150.98	64.0000	1.591
4.00	1292.6	171.8	150.80	32.5000	1.671
6.00	1310.7	189.8	150.62	22.0000	1.718
8.00	1324.2	203.4	150.44	16.7500	1.754

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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DATE: 12/18/95

TIME: 15:50:54

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
10.00	1334.8	213.9	150.26	13.6000	1.782
12.00	1343.4	222.6	150.08	11.5000	1.805
14.00	1351.2	230.4	150.08	10.0000	1.826
16.00	1358.1	237.3	149.72	8.8750	1.844
18.00	1364.1	243.2	149.72	8.0000	1.861
20.00	1369.2	248.3	149.54	7.3000	1.875
22.00	1374.5	253.6	149.36	6.7273	1.889
24.00	1378.8	258.0	149.18	6.2500	1.901
26.00	1383.3	262.4	149.00	5.8462	1.913
28.00	1386.9	266.1	148.82	5.5000	1.923
30.00	1391.0	270.2	148.64	5.2000	1.935
32.00	1394.3	273.4	148.46	4.9375	1.944
34.00	1397.6	276.8	148.28	4.7059	1.953
36.00	1400.6	279.7	148.10	4.5000	1.962
38.00	1403.6	282.8	147.92	4.3158	1.970
40.00	1406.3	285.4	147.74	4.1500	1.978
42.00	1409.1	288.2	147.56	4.0000	1.985
44.00	1411.5	290.6	147.56	3.8636	1.992
46.00	1413.7	292.8	147.38	3.7391	1.998
48.00	1416.1	295.3	147.20	3.6250	2.005
50.00	1418.0	297.2	147.02	3.5200	2.011
52.00	1420.2	299.4	147.02	3.4231	2.017
54.00	1422.0	301.1	146.84	3.3333	2.022
56.00	1423.8	303.0	146.66	3.2500	2.027
58.00	1425.3	304.4	146.66	3.1724	2.031
60.00	1427.4	306.6	146.48	3.1000	2.038
62.00	1429.0	308.2	146.48	3.0323	2.042
64.00	1430.5	309.7	146.30	2.9688	2.046
66.00	1432.1	311.2	146.12	2.9091	2.051
68.00	1433.6	312.7	146.12	2.8529	2.055
70.00	1434.8	314.0	146.12	2.8000	2.059
72.00	1436.3	315.5	145.94	2.7500	2.063
74.00	1437.5	316.7	145.94	2.7027	2.066
76.00	1438.5	317.7	145.76	2.6579	2.069
78.00	1440.1	319.3	145.76	2.6154	2.074
80.00	1441.1	320.3	145.58	2.5750	2.077
82.00	1442.2	321.4	145.58	2.5366	2.080
84.00	1443.3	322.5	145.40	2.5000	2.083
86.00	1444.6	323.7	145.40	2.4651	2.087
88.00	1445.6	324.8	145.40	2.4318	2.090
90.00	1446.3	325.5	145.22	2.4000	2.092
92.00	1447.4	326.6	145.22	2.3696	2.095
94.00	1448.2	327.4	145.04	2.3404	2.097
96.00	1449.3	328.4	145.04	2.3125	2.100
98.00	1450.2	329.3	145.04	2.2857	2.103
100.00	1451.1	330.3	144.86	2.2600	2.106
102.00	1451.8	330.9	144.86	2.2353	2.108
104.00	1452.4	331.5	144.86	2.2115	2.109
106.00	1453.4	332.5	144.86	2.1887	2.112
108.00	1454.1	333.3	144.68	2.1667	2.114
110.00	1455.0	334.1	144.68	2.1455	2.117

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8270 DST#1 Abbey Michelle #1-35 Amoco Production Comp.

DATE: 12/18/95 TIME: 15:50:54

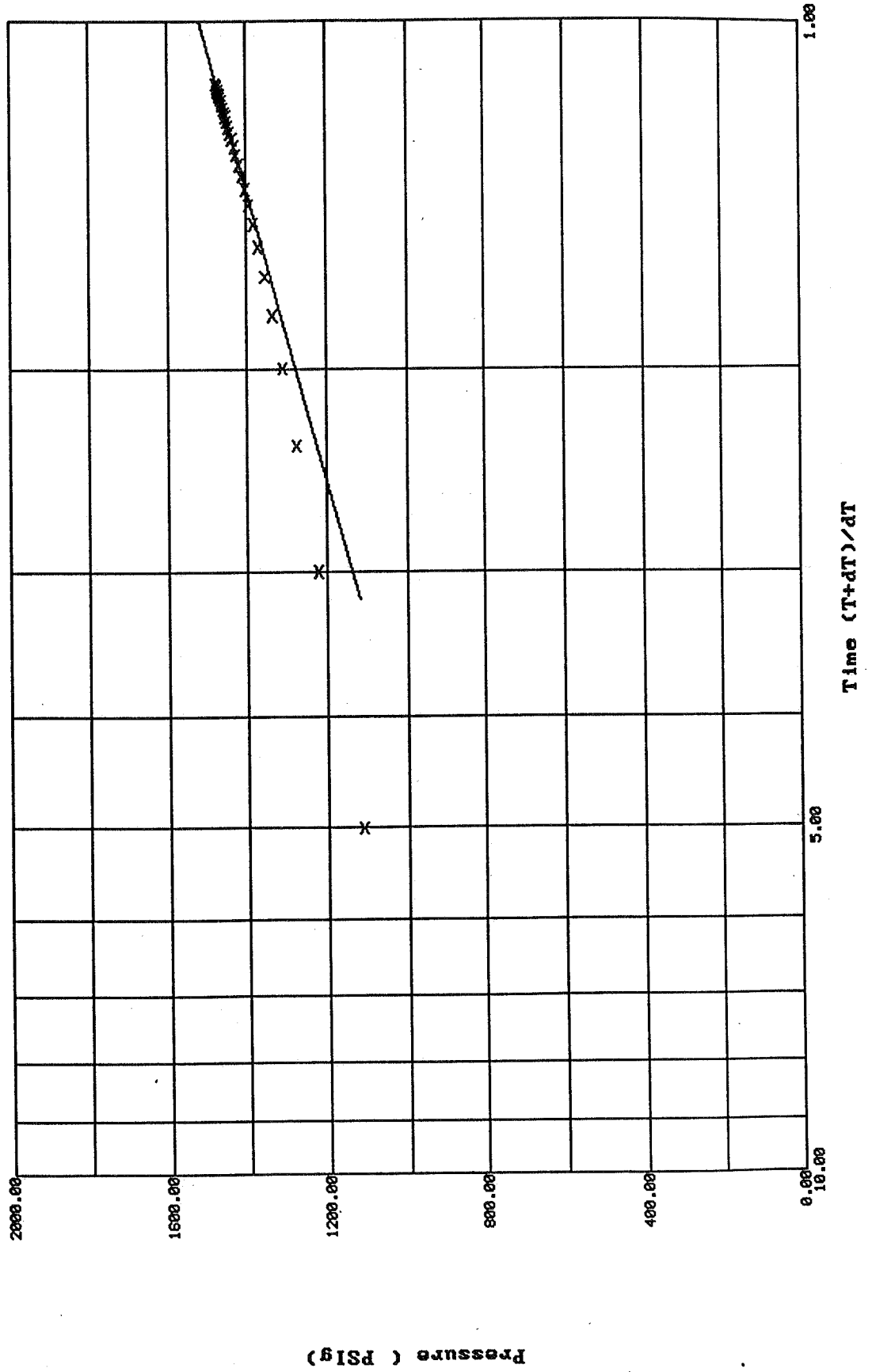
	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
	112.00	1455.5	334.6	144.68	2.1250	2.118
	114.00	1456.5	335.6	144.68	2.1053	2.121
	116.00	1457.1	336.3	144.50	2.0862	2.123
	118.00	1457.7	336.9	144.50	2.0678	2.125
	120.00	1458.4	337.6	144.50	2.0500	2.127
***** End Shut-in 2	122.00	1459.1	338.2	144.50	2.0328	2.129
***** Final Hydro.	466.00	2631.2	0.0	143.78		

# Horner Plot: shut-in #1

8270 DST#1 Abbey Michelle #1-35 Amoco Production Comp.

Slope: 884.5088 PSig/cycle

Ext. Pressure: 1519.5566 PSig

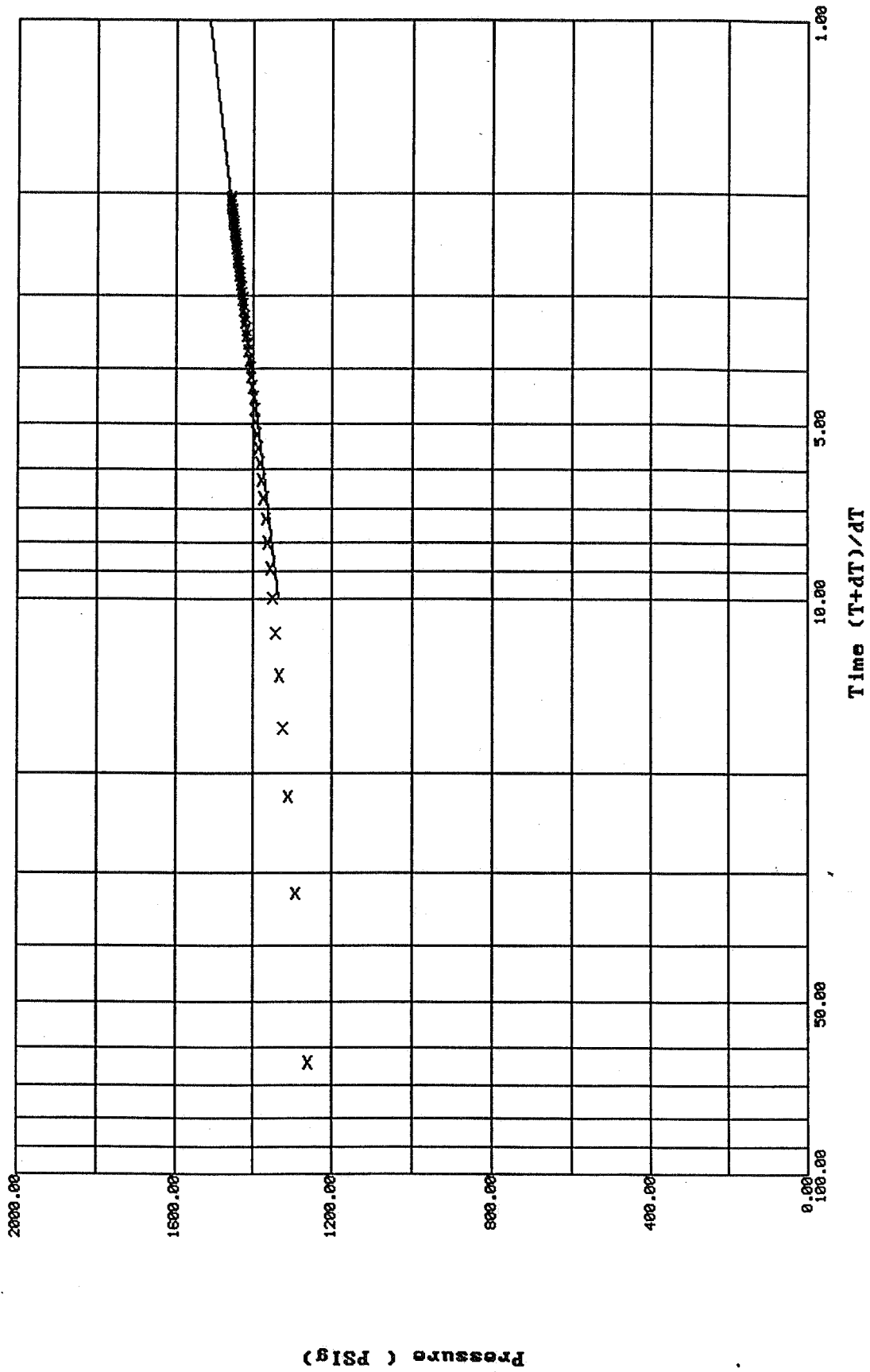


# Horner Plot: shut-in #2

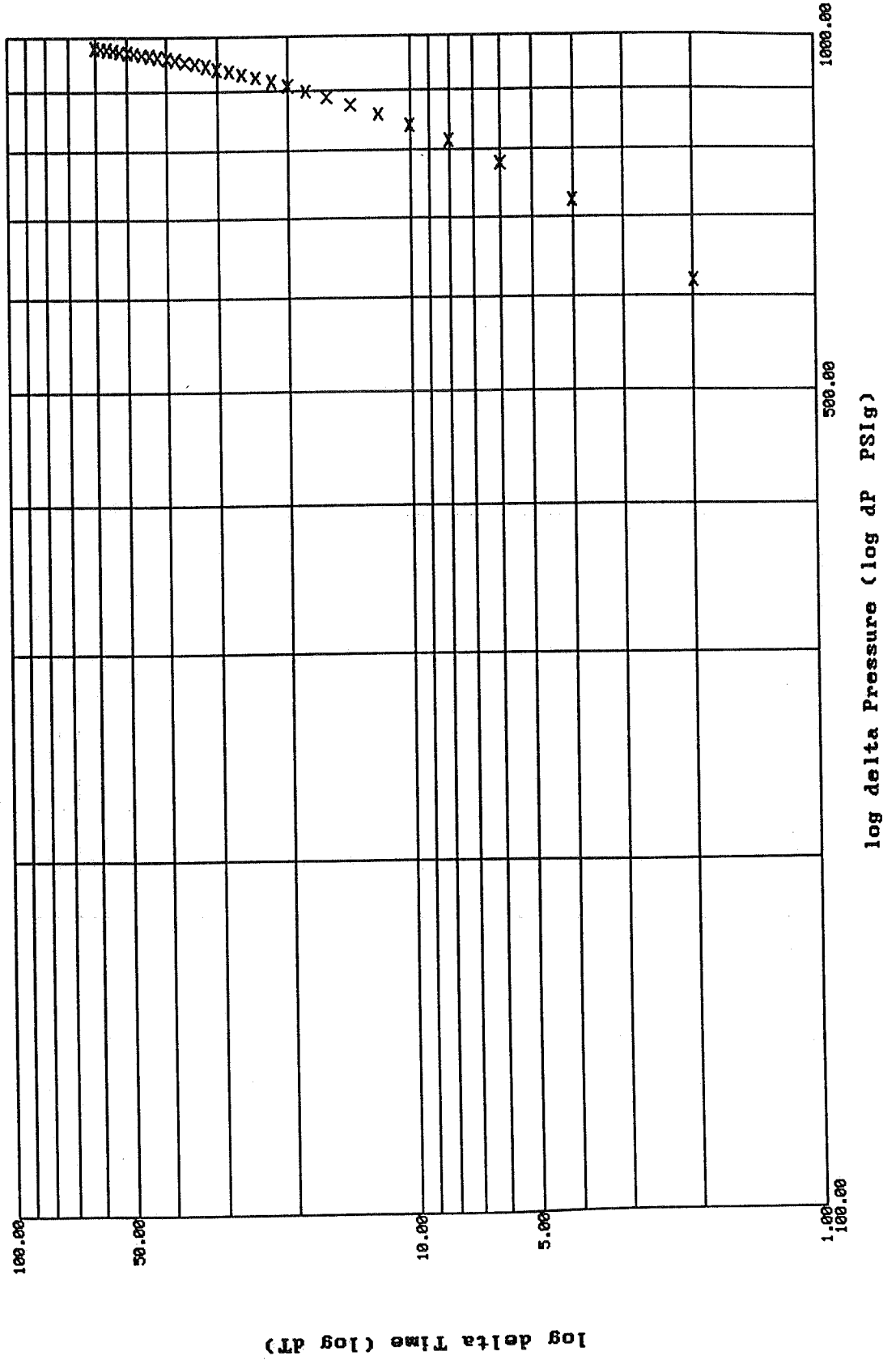
8270 DST#1 Abbey Michelle #1-35 Amoco Production Comp.

Slope: 180.9201 PSig/cycle

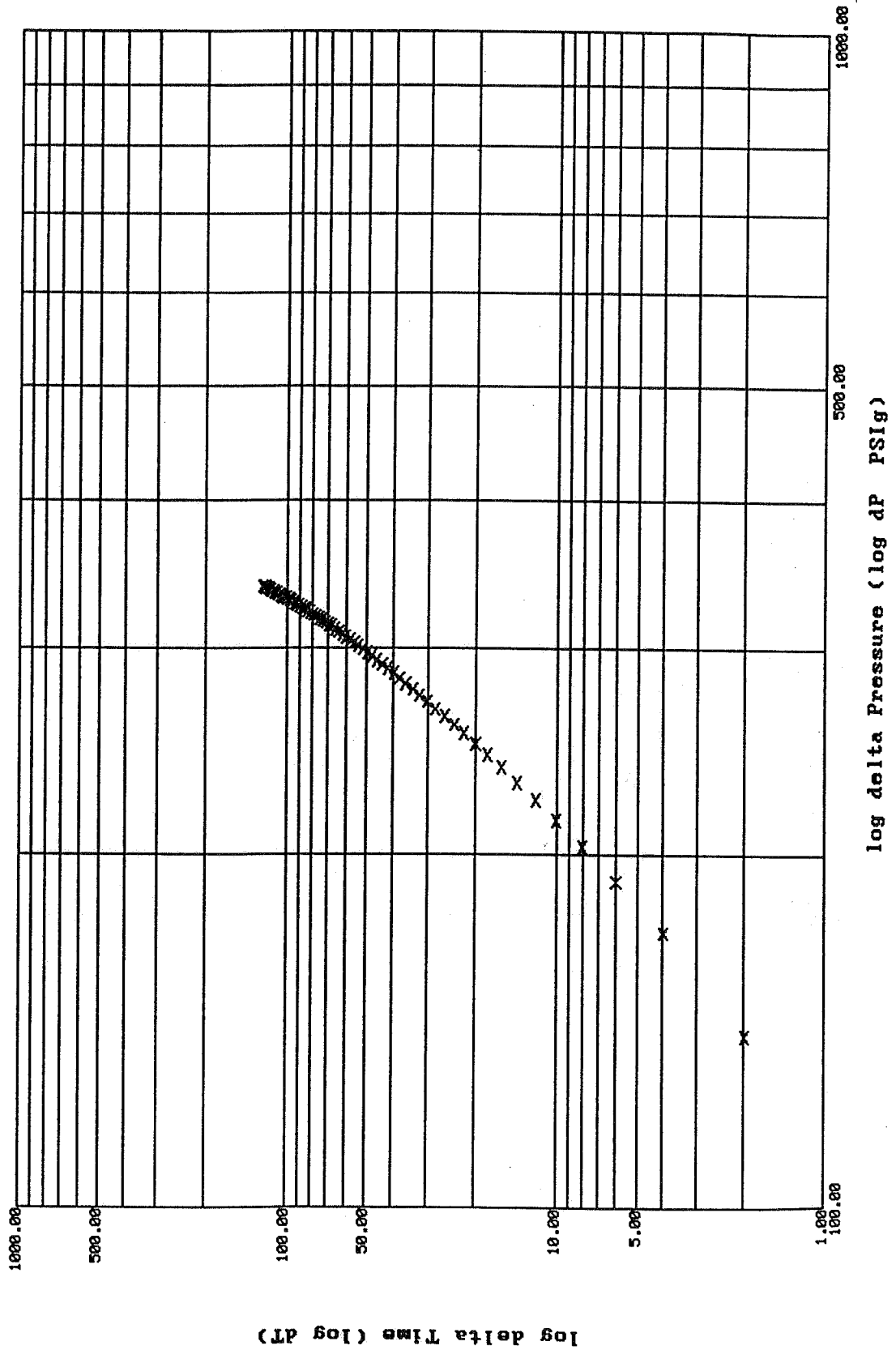
Ext. Pressure: 1514.8484 PSig



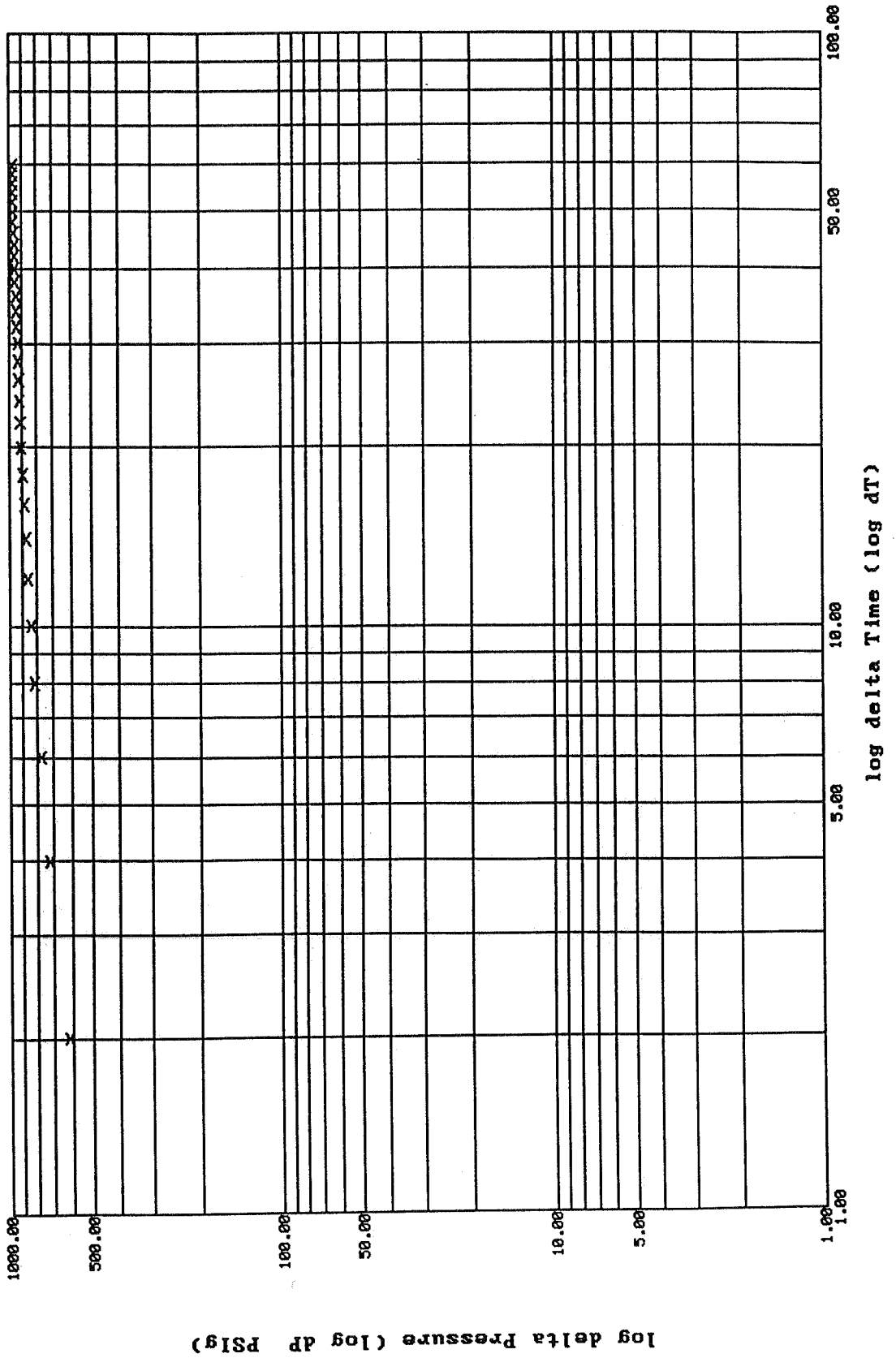
**McKinley Plot: shut-in #1**  
 8270 DST#1 Abbey Michelle #1-35 Amoco Production Comp.



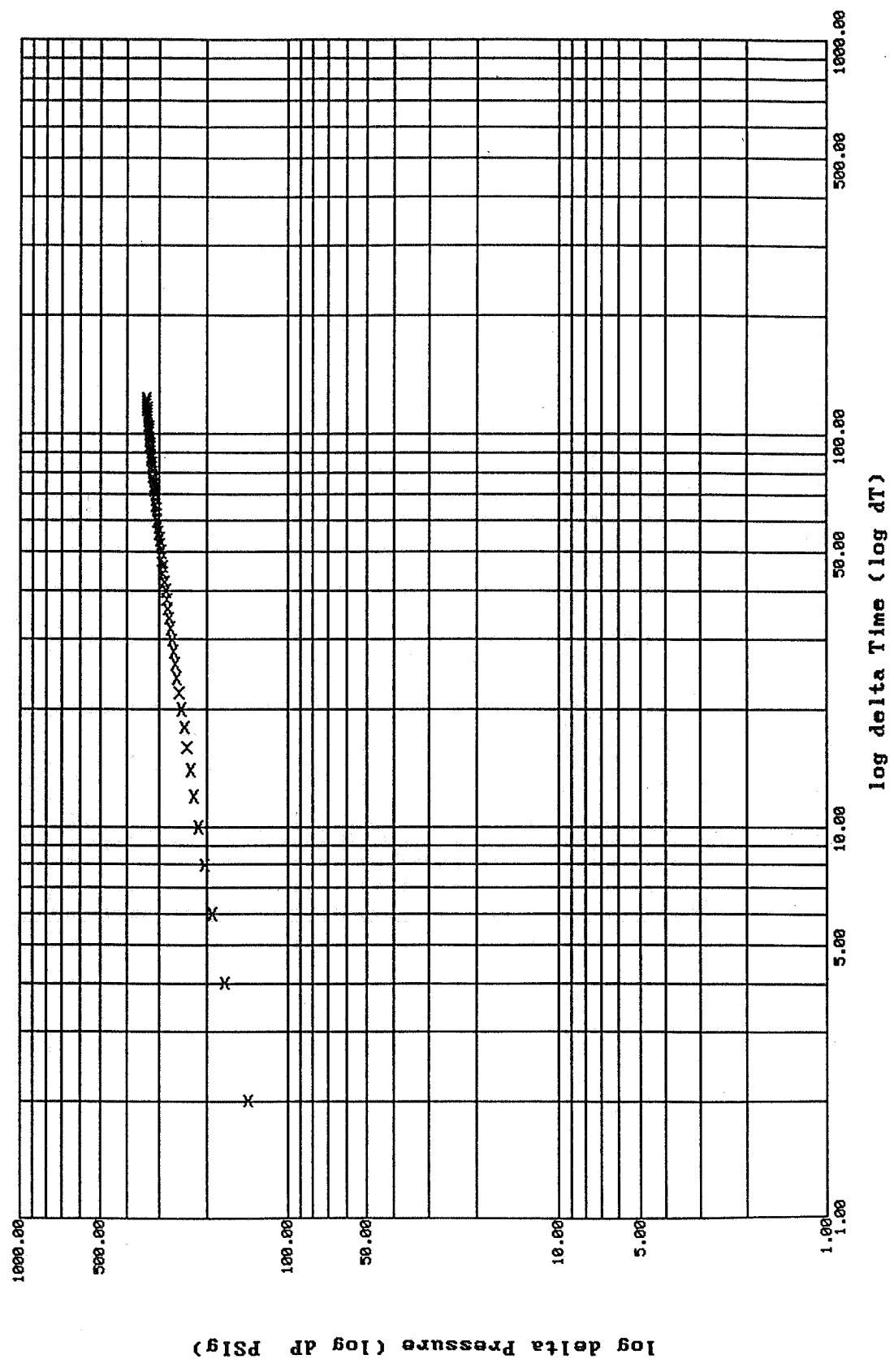
**McKinley Plot: shut-in #2**  
 8270 DST#1 Abbey Michelle #1-35 Amoco Production Comp.



**Ramey Plot: shut-in #1**  
8270 DST#1 Abbey Michelle #1-35 Amoco Production Comp.



**Ramey Plot: shut-in #2**  
8270 DST#1 Abbey Michelle #1-35 Amoco Production Comp.



\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

WELL NAME: Abbey Michelle #1-35

LOCATION : 35-29S-40W Stanton Cty KS

TICKET No. 8270 D.S.T. No. 1 DATE 12/18/95

TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 31

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR ..... 31

TOTAL TOOL ..... 62

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands      Single      Total

D.P. ANCHOR STND.Stands      Single      Total

TOTAL ASSEMBLY ..... 62

D.C. ABOVE TOOLS.Stands      Single      Total 727

D.P. ABOVE TOOLS.Stands      Single      Total 4880

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5669

TOTAL DEPTH ..... 5648

TOTAL DRILL PIPE ABOVE K.B. .... 21

REMARKS:

FLUID SAMPLER DATA

SAMPLER RECOVERY -

Gas 2.4 cu ft, Oil 2000 ml, Water 300 ml,  
Pressure 525 PSI, Total 4000 ml

PIT MUD ANALYSIS -

Chlorides 1100 ppm; Viscosity 60, Mud Wt 8.9  
Filtrate 6

PIPE RECOVERY -

T - Resist .4 ohms @ 68.5 F; Chlor 17500 ppm  
B - Resist .252 ohms @ 61.4 F;  
Chlorides 29000 ppm

P.O. SUB	
C.O. SUB	5586
S.I. TOOL 5'	5592
Sampler	5595
HMV 5'	5600
JARS 5'	5605
SAFETY JOINT 3'	5608
PACKER Top	5612
PACKER Bottom	5617
DEPTH 5617	
STUBB 1'	5618
ANCHOR	
5' perf	5623
Alpine recorder	5623
22' perf	5645
T.C. DEPTH	
AK-1 recorder	5645
BULLNOSE 3' bull plug	
T.D.	5648

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No 8270

Well Name & No. Abbey Michelle #1-35 Test No. 1 Date 12-18-95  
Company Armeda Pro Company Zone Tested St. Louis  
Address P.O. Box 800 Denver Colo. 80201 Elevation 3259/613  
Co. Rep./Geo. Chuck Schmalz Cont. Chapman Rig #3 Est. Ft. of Pay 17  
Location: Sec. 35 Twp. 29S Rge. 40W Co. Stanton State Kansas  
No. of Copies 6 Distribution Sheet X Yes      No Turnkey      Yes X No      Evaluation     

Interval Tested 5617 - 5648 Drill Pipe Size 4 1/2" R-Hole  
Anchor Length 31' Top Choke - 1"      Bottom Choke - 1/4"       
Top Packer Depth 5612 Hole Size - 7 7/8"      Rubber Size - 6 3/4"       
Bottom Packer Depth 5617 Wt. Pipe I.D. - 2.7 Ft. Run       
Total Depth 5648 Drill Collar - 2.25 Ft. Run 727'  
Mud Wt. 8.9 lb/gal. Viscosity 60 Filtrate 6.0

Tool Open @ 6:22 pm Initial Blow Strong blow B.O.B in 30 sec. G.I.S in 10 min.  
I-S-I Bottom bucket blow back.

Final Blow Strong blow B.O.B as soon as open Tub  
F.S.I 2in would not bleed off

Recovery - Total Feet 2,580 Feet of Gas In Pipe      Flush Tool? NO

Rec.	Feet Of	%gas	%oil	%water	%mud
<u>240</u>	<u>Mud</u>			<u>100</u>	
<u>560</u>	<u>Gassy cut oil</u>	<u>20</u>	<u>80</u>		
<u>120</u>	<u>Gassy Water &amp; oil</u>	<u>45</u>	<u>25</u>	<u>30</u>	
<u>400</u>	<u>50% Gassy Water</u>	<u>25</u>	<u>5</u>	<u>70</u>	
<u>1260</u>	<u>Salt Water</u>			<u>100</u>	

BHT 126 °F Gravity 44 °API @ 74 °F Corrected Gravity 42.9 °API  
RW .400 @ 68.5 °F Chlorides 17,500 ppm Recovery Chlorides 1,100 ppm System

(A) Initial Hydrostatic Mud 2860 2699 PSI AK1 Recorder No. 2351 Range 4995  
(B) First Initial Flow Pressure 621 719 PSI @ (depth) 5623 w/Clock No. Clk/min  
(C) First Final Flow Pressure 496 PSI AK1 Recorder No. 2836 Range 3,500  
(D) Initial Shut-In Pressure 1475 PSI @ (depth) 5645 w/Clock No. 23935  
(E) Second Initial Flow Pressure 538 589 PSI AK1 Recorder No.      Range       
(F) Second Final Flow Pressure 1120 PSI @ (depth)      w/Clock No.       
(G) Final Shut-In Pressure 1459 PSI Initial Opening 10 min Test Conventional  
(H) Final Hydrostatic Mud 2623 PSI Initial Shut-In 60 min Jars     

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.

Final Flow 120 min Safety Joint       
Final Shut-In 120 min Straddle       
Circ. Sub Drop BAR  
Sampler     

Approved By       
Our Representative Mike Clinton

Extra Packer       
Other Clk/min Rec.  
TOTAL PRICE \$

# TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 8270 Date 12-18-95  
Company Name Amoco Prod. Company  
Lease Abbey Michelle #1-35 Test No. RST#1  
County Stanton Sec. 35 Twp. 29S Rng. 90W

### SAMPLER RECOVERY

Gas 2.4 cubic Ft. ML  
Oil 2,000 ML  
Mud \_\_\_\_\_ ML  
Water 300 ML  
Other \_\_\_\_\_ ML  
Pressure 525 PSI  
Total 4,000 ML

### PIT MUD ANALYSIS

Chlorides 1,100 ppm.  
Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
Viscosity 60  
Mud Weight 8.9  
Filtrate 6.0  
Other \_\_\_\_\_

### SAMPLER ANALYSIS

Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
Chlorides \_\_\_\_\_ ppm.  
Gravity \_\_\_\_\_ corrected @ 60 F

### PIPE RECOVERY

TOP  
Resistivity .400 ohms @ 68.5 F  
Chlorides 17,500 ppm.

#### MIDDLE

Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
Chlorides \_\_\_\_\_ ppm.

#### BOTTOM

Resistivity .252 ohms @ 61.4 F  
Chlorides 29,000 ppm.