15-065-22238

8-6s-21w

CRUDE OIL TESTING, INC.

DATE 10/12/85 TEST TICKET NO. 5537

Company: Vincent Oil Corp.
Company Address: 125 N. Market Suite 1110 Wichita KS 67202
Location: Sec. 8 Twp. 6S Range 21W Co. Graham State KS
Well Name & Number: Boys #3 Code E9

ENGINEERING DATA

Elevation	2182 GL	Drill Pipe Length	2707 ID 3.8 "
Mud Viscosity	44	Weight Pipe Length	620 ID 2.76"
Mud Weight	9.2	Drill Collar Length	
Water Loss	8	Top Packer Depth	3345
Type of Mud	Chemical	Bottom Packer Depth	3350
Anchor Length	30	Tool Joint Size	4.5 XH
Hole Size	7 7/8	Test Tool Size	5 1/2
Casing Size	8 5/8	Packer Size	6 3/4
Surface Choke	3/4	Reversed Out	No
Bottom Choke	3/4	Recorder #	11085
Extra Equipment		Safety joint	

REMARKS DST #1

FORMATION

Oread Zone Test Type Conventional
Interval 3350 To 3380 Total Depth 3380
Open 45 Shut In 60 Open 45 Shut In 60
Packer(s) Set 05:57AM Started Off Bottom 09:30AM
Blow 1st Opening Weak blow 1/4 inch in bucket.
2nd Opening No blow, flushed, good surge-very weak blow.

RECOVERY

Total Feet 75
Recovered 75 feet of Muddy water

CALCULATED RECOVERY

Gas Oil Water Mud
Gravity (Oil) Test Water Chlorides 35,000 PPM
Test Area Temperature 106F Mud System Chlorides 2,000 PPM

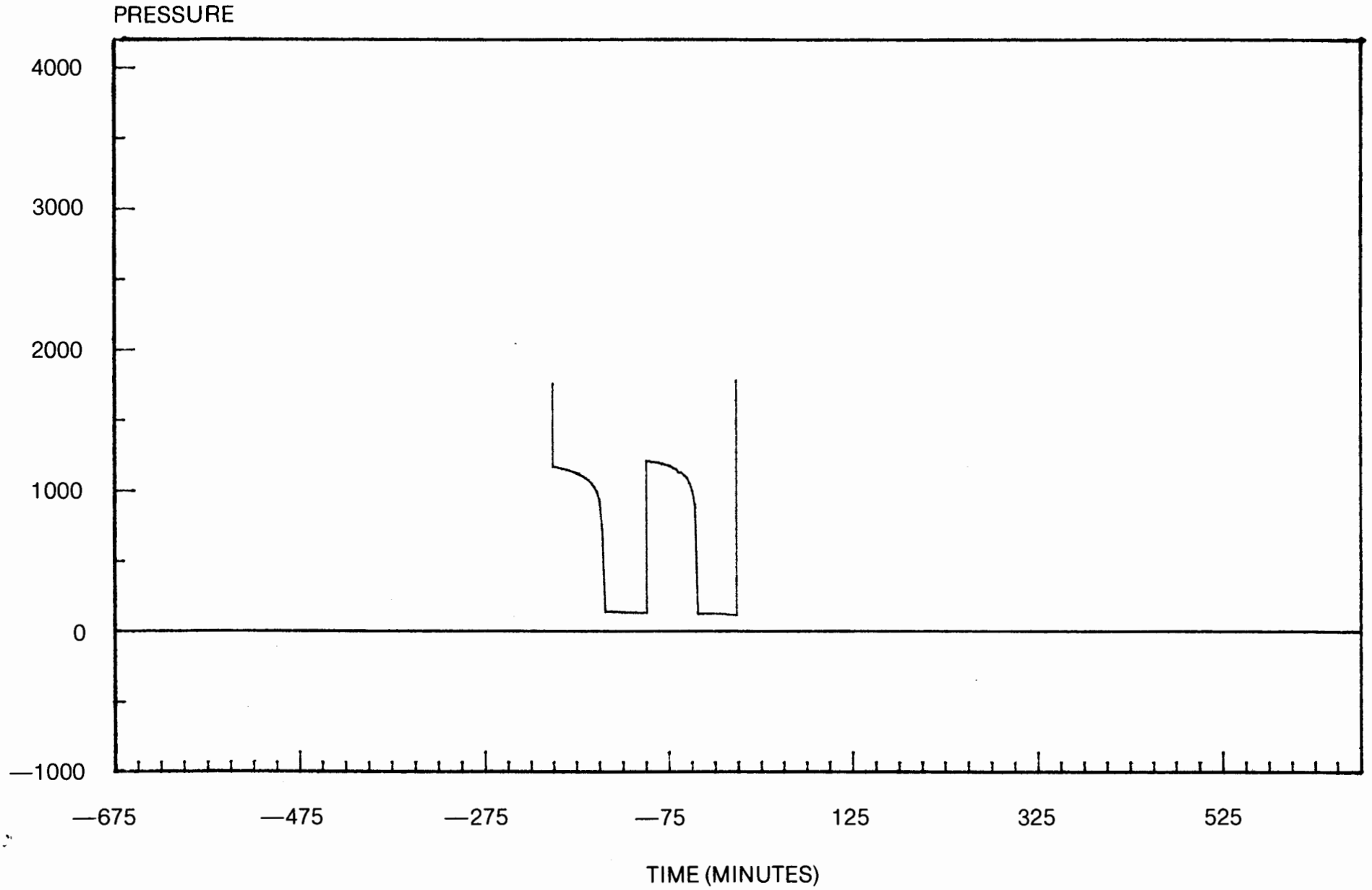
PRESSURE

	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	1712	1748	PSI
(B) First Initial Flow Pressure	66	77	PSI
(C) First Final Flow Pressure	66	92	PSI
(D) Initial Closed-In Pressure	1170	1181	PSI
(E) Second Initial Flow Pressure	88	97	PSI
(F) Second Final Flow Pressure	88	108	PSI
(G) Final Closed-In Pressure	1126	1141	PSI
(H) Final Hydrostatic Mud	1701	1730	PSI

CRUDE OIL TESTING INC.

FOR: Vincent Oil Corp. TEST 5537

DST 1 10/12/85



PRESSURE BREAKDOWN

TEST TICKET NO. 5537

DST Number: 1 Recorder Number: 11085 Clock Number: 19124

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Mins.	Press.	Mins.	Press.	Mins.	Press.	Mins.	Press.
0	77	0	91	0	97	0	108
3	79	3	868	3	98	3	694
6	81	6	970	6	98	6	905
9	82	9	1022	9	98	9	963
12	85	12	1058	12	100	12	998
15	87	15	1078	15	102	15	1024
18	88	18	1095	18	102	18	1044
21	88	21	1100	21	102	21	1057
24	89	24	1122	24	102	24	1071
27	89	27	1130	27	102	27	1082
30	90	30	1141	30	106	30	1091
33	90	33	1148	33	107	33	1099
36	90	36	1153	36	107	36	1107
39	90	39	1159	39	107	39	1113
42	91	42	1165	42	108	42	1120
		45	1170	45	108	45	1125
		48	1173			48	1129
		51	1176			51	1135
		54	1180			54	1138
		56	1180			57	1140

EQUIPMENT DATA

TOOL SEQUENCE REPORT

DST Number: 1 **TEST TICKET NO.** 5537

WELL NAME: Boys #3 **WELL LOCATION:** 8-6S-21W

Tool #	Tool	Length	I.D.	O.D.
1	Drill Pipe - 4.5"	2707.00	3.826	4.50
3	Weight Pipe	620.00	2.760	4.50
8	Circulating Sub	1.00	3.000	5.00
7	Changeover Sub	2.00	3.000	5.00
9	Shut-In Tool	5.45	0.870	5.00
10	Hydraulic Tool	5.60	1.000	5.00
13	Safety Joint	2.31	3.000	5.00
14	Packer	5.35	1.530	6.75
14	Packer	5.35	1.530	6.75
6	Anchor	26.00	2.750	5.00
15	Recorder Carrier	1.00		5.00
16	Bull Plug	2.00		5.00
	Total Depth	3383.06		

CRUDE OIL TESTING, INC.

DATE 10/12/85 TEST TICKET NO. 5538

Company: Vincent Oil Corp.
Company Address: 125 N. Market Suite 1110 Wichita KS 67202
Location: Sec. 8 Twp. 6S Range 21W Co. Graham State KS
Well Name & Number: Boys #3 Code E9

ENGINEERING DATA

Elevation	2182 GL	Drill Pipe Length	2795 ID 3.8 "
Mud Viscosity	46	Weight Pipe Length	620 ID 2.76"
Mud Weight	9.6	Drill Collar Length	
Water Loss	8	Top Packer Depth	3433
Type of Mud	Chemical	Bottom Packer Depth	3438
Anchor Length	27	Tool Joint Size	4.5 XH
Hole Size	7 7/8	Test Tool Size	5 1/2
Casing Size	8 5/8	Packer Size	6 3/4
Surface Choke	3/4	Reversed Out	No
Bottom Choke	3/4	Recorder #	11085
Extra Equipment		Safety joint	

REMARKS DST #2

FORMATION

Lansing Zone A Test Type Conventional
Interval 3438 To 3465 Total Depth 3465
Open 45 Shut In 60 Open 45 Shut In 60
Packer(s) Set 10:13AM Started Off Bottom 01:45AM
Blow 1st Opening Weak blow 1/2 inch in bucket.
2nd Opening No blow, flushed tool, good surge-weak blow.

RECOVERY

Total Feet 65
Recovered 65 feet of Muddy water (no show of oil)

CALCULATED RECOVERY

Gas Oil Water Mud
Gravity (Oil) Test Water Chlorides 26,000 PPM
Test Area Temperature 108F Mud System Chlorides 2,500 PPM

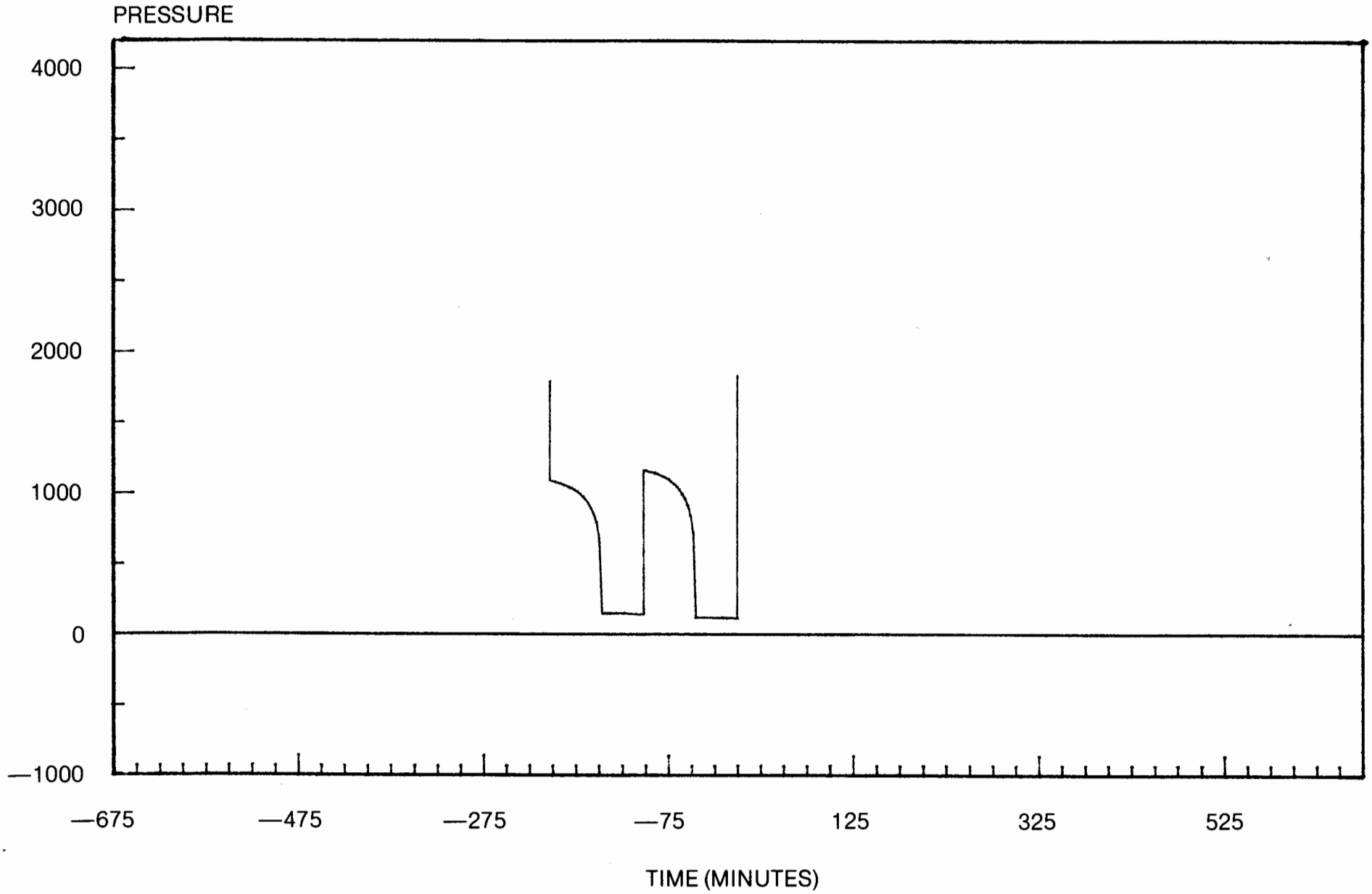
PRESSURE

	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	1777	1791	PSI
(B) First Initial Flow Pressure	66	70	PSI
(C) First Final Flow Pressure	66	77	PSI
(D) Initial Closed-In Pressure	1126	1124	PSI
(E) Second Initial Flow Pressure	88	99	PSI
(F) Second Final Flow Pressure	88	109	PSI
(G) Final Closed-In Pressure	1039	1054	PSI
(H) Final Hydrostatic Mud	1766	1755	PSI

CRUDE OIL TESTING INC.

FOR: Vincent Oil Corp. TEST 5538

DST 2 10/12/85



PRESSURE BREAKDOWN

TEST TICKET NO. 5538

DST Number: 2 Recorder Number: 11085 Clock Number: 19124

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Mins.	Press.	Mins.	Press.	Mins.	Press.	Mins.	Press.
0	69	0	77	0	99	0	109
3	71	3	686	3	100	3	645
6	73	6	801	6	100	6	757
9	73	9	874	9	102	9	815
12	75	12	922	12	103	12	856
15	75	15	957	15	104	15	890
18	75	18	985	18	107	18	916
21	75	21	1008	21	108	21	937
24	75	24	1026	24	108	24	957
27	75	27	1042	27	109	27	971
30	76	30	1058	30	109	30	985
33	77	33	1069	33	109	33	997
36	77	36	1079	36	109	36	1004
39	77	39	1089	39	109	39	1013
42	77	42	1098	42	109	42	1021
45	77	45	1103	45	109	45	1029
		48	1109			48	1035
		51	1114			51	1042
		54	1121			54	1048
		57	1124			57	1053

EQUIPMENT DATA

TOOL SEQUENCE REPORT

DST Number: 2 TEST TICKET NO. 5538

WELL NAME: Boys #3 WELL LOCATION: 8-6S-21W

Tool #	Tool	Length	I.D.	O.D.
1	Drill Pipe - 4.5"	2795.00	3.826	4.50
3	Weight Pipe	620.00	2.760	4.50
8	Circulating Sub	1.00	3.000	5.00
7	Changeover Sub	2.00	3.000	5.00
9	Shut-In Tool	5.45	0.870	5.00
10	Hydraulic Tool	5.60	1.000	5.00
13	Safety Joint	2.31	3.000	5.00
14	Packer	5.35	1.530	6.75
14	Packer	5.35	1.530	6.75
6	Anchor	23.00	2.750	5.00
15	Recorder Carrier	1.00		5.00
16	Bull Plug	2.00		5.00
	Total Depth	3468.06		

CRUDE OIL TESTING, INC.

DATE 10/13/85 **TEST TICKET NO.** 5539

Company: Vincent Oil Corp.
Company Address: 125 N. Market Suite 1110 Wichita KS 67202
Location: Sec. 8 Twp. 6S Range 21W Co. Graham State KS
Well Name & Number: Boys #3 Code E9

ENGINEERING DATA

Elevation	2182 GL	Drill Pipe Length	2858 ID 3.8 "
Mud Viscosity	44	Weight Pipe Length	620 ID 2.76"
Mud Weight	9.6	Drill Collar Length	
Water Loss	9.2	Top Packer Depth	3496
Type of Mud	Chemical	Bottom Packer Depth	3501
Anchor Length	18	Tool Joint Size	4.5 XH
Hole Size	7 7/8	Test Tool Size	5 1/2
Casing Size	8 5/8	Packer Size	6 3/4
Surface Choke	3/4	Reversed Out	No
Bottom Choke	3/4	Recorder #	11085
Extra Equipment		Safety joint	

REMARKS DST #3

FORMATION

Lansing Zone Test Type Conventional
Interval 3501 To 3519 Total Depth 3519
Open 30 Shut In 45 Open 30 Shut In 45
Packer(s) Set 04:13PM Started Off Bottom 06:45PM
Blow 1st Opening Good blow off bottom of bucket in 28 min.
2nd Opening Good steady blow 10 inches in bucket.

RECOVERY

Total Feet 190
Recovered 10 feet of Clean oil
Recovered 60 feet of Oil cut mud
Recovered 120 feet of Oil cut muddy water
Recovered 174 feet of Gas in pipe

CALCULATED RECOVERY

Gas Oil 33.5 Water 63 Mud 93.5
Gravity (Oil) Test Water Chlorides 44,000 PPM
Test Area Temperature 110F Mud System Chlorides 2,500 PPM

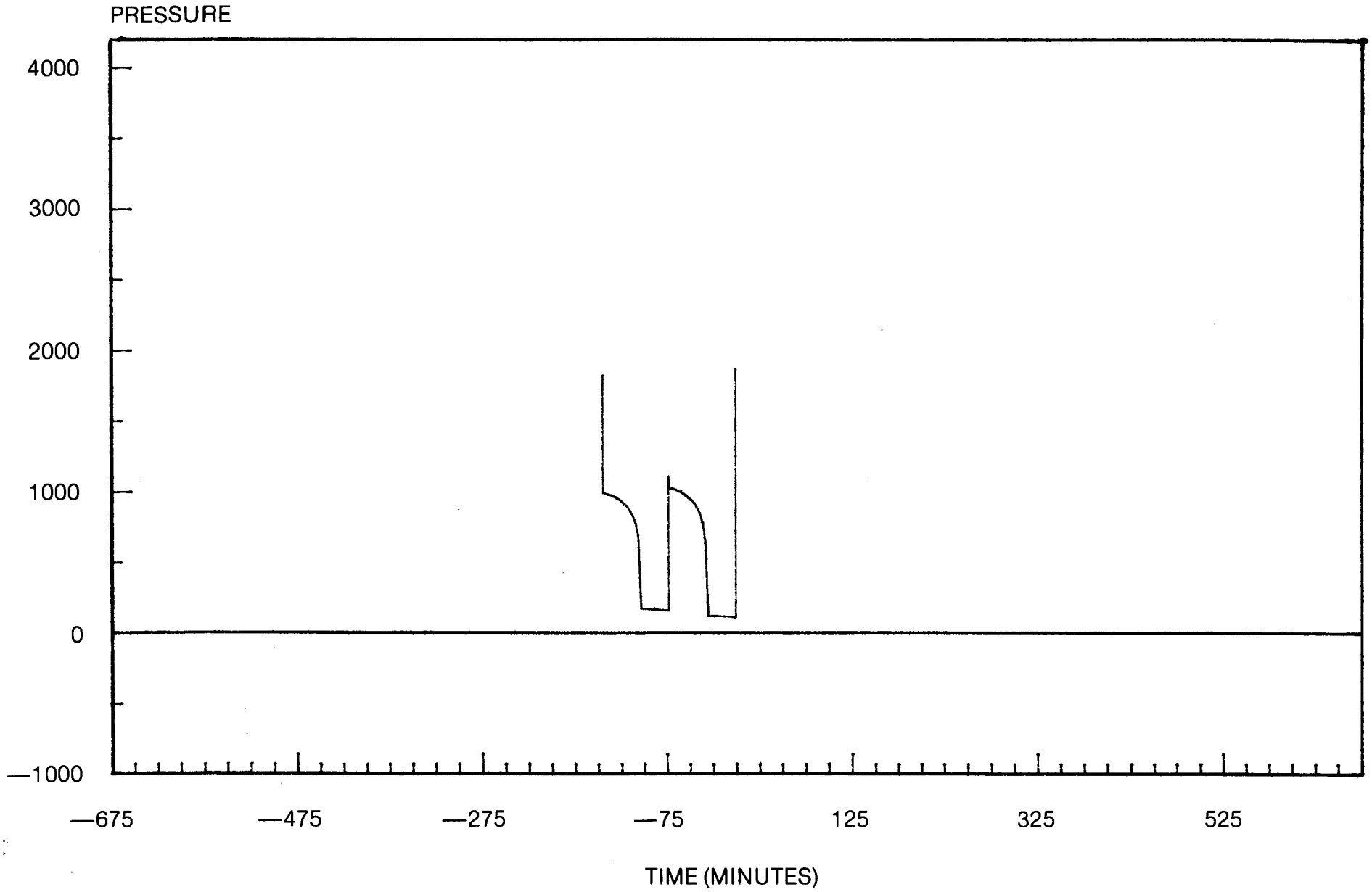
PRESSURE

	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	1820	1848	PSI
(B) First Initial Flow Pressure	77	84	PSI
(C) First Final Flow Pressure	77	96	PSI
(D) Initial Closed-In Pressure	1007	1009	PSI
(E) Second Initial Flow Pressure	132	136	PSI
(F) Second Final Flow Pressure	132	151	PSI
(G) Final Closed-In Pressure	952	974	PSI
(H) Final Hydrostatic Mud	1810	1807	PSI

CRUDE OIL TESTING INC.

FOR: Vincent Oil Corp. TEST 5539

DST 3 10/13/85



PRESSURE BREAKDOWN

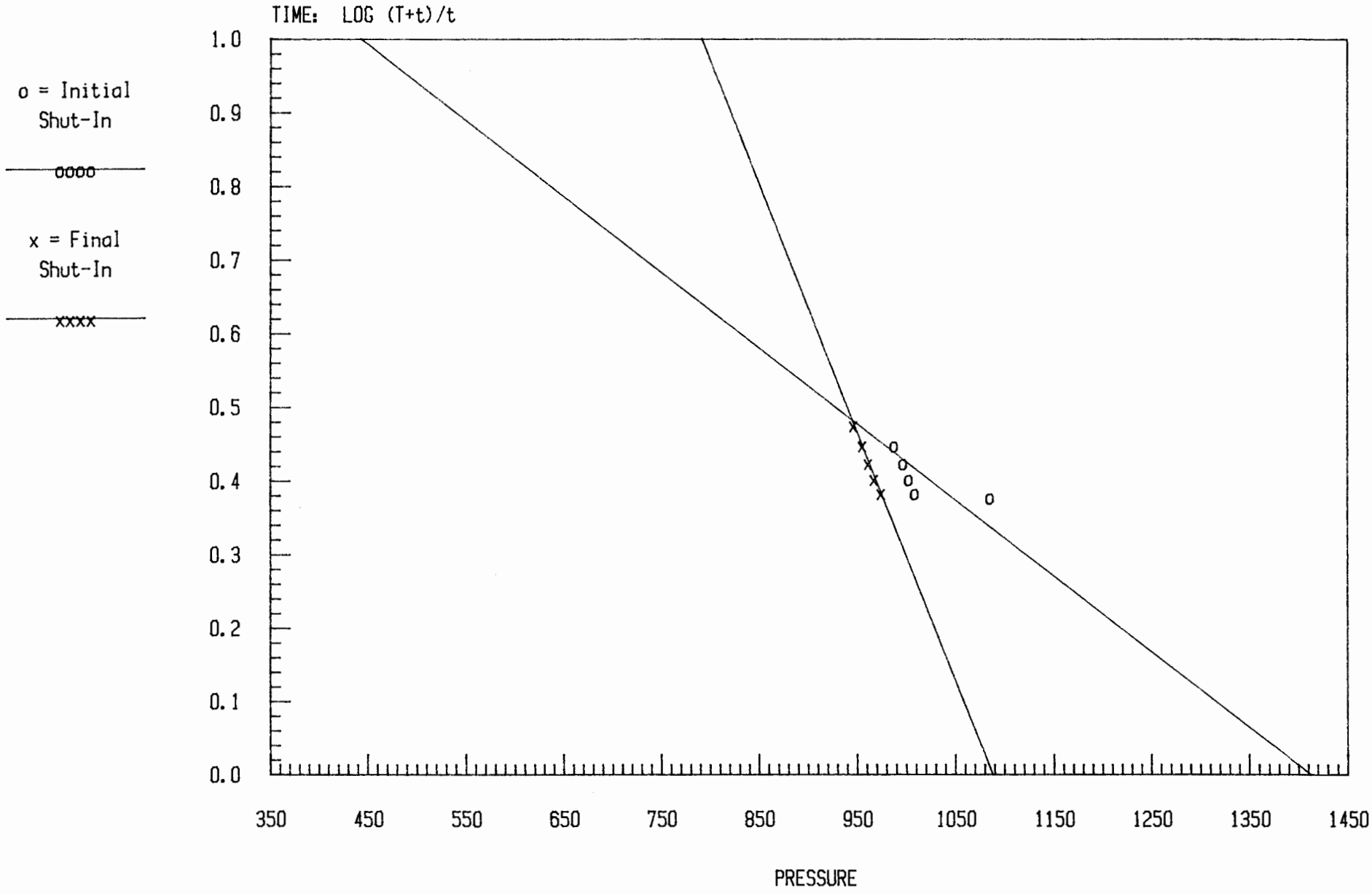
TEST TICKET NO. 5539

DST Number: 3 Recorder Number: 11085 Clock Number: 19124

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Mins.	Press.	Mins.	Press.	Mins.	Press.	Mins.	Press.
0	84	0	96	0	135	0	151
3	87	3	640	3	136	3	670
6	89	6	763	6	139	6	759
9	89	9	826	9	140	9	808
12	90	12	867	12	141	12	842
15	91	15	899	15	141	15	872
18	92	18	920	18	142	18	890
21	93	21	938	21	144	21	908
24	93	24	955	24	148	24	925
27	95	27	966	27	148	27	936
30	96	30	977	30	151	30	946
		33	987			33	955
		36	996			36	961
		39	1002			39	967
		42	1008			42	974
		43	1085				

CRUDE OIL TESTING INC TEST 5539 DST 3

FOR: Vincent Oil Corp. 10/13/85



ZONE EVALUATION - Page 1

DST NUMBER 3 **TEST TICKET NO.** 5539

Company: Vincent Oil Corp. Date: 10/13/85

Drill Collar Feet	Drill Collar ID	Weight Pipe Feet	Weight Pipe ID	Drill Pipe Feet	Drill Pipe ID	Average ID	Gals/ Foot
0	0.000	34	2.760	0	3.800	2.7600	0.311

Bbls Recovered/Test = 0.2479 Est Bbls/Day = 5.9495 T = 60

Initial Shut-In

PRESS.	TIME	T/t	(T+t)/t	LOG T/t	LOG (T+t)/t
1085	43	1.395	2.395	0.14468	0.37937
1008	42	1.429	2.429	0.15490	0.38535
1002	39	1.538	2.538	0.18709	0.40457
996	36	1.667	2.667	0.22185	0.42597
987	33	1.818	2.818	0.25964	0.44997

Final Shut-In

Press.	Time	T/t	(T+t)/t	Log T/t	Log (T+t)/t
974	42	1.429	2.429	0.15490	0.38535
967	39	1.538	2.538	0.18709	0.40457
961	36	1.667	2.667	0.22185	0.42597
955	33	1.818	2.818	0.25964	0.44997
946	30	2.000	3.000	0.30103	0.47712

Time Option is Log (T+t)/t

IP(0)	IP(1)	FP(0)	FP(1)	M	Kh/B	DR	Q1	Pts
2334.4	-959.0	1097.3	777.3	320.1	3.023	1.455	8.654	1,3
2031.1	-533.2	1096.7	777.4	319.3	3.030	1.456	8.660	1-3
1579.9	183.0	1085.6	794.2	291.5	3.319	1.499	8.919	1-4
1412.4	442.4	1087.8	791.1	296.7	3.260	1.490	8.867	1-5

Graph Data For Points

Initial Time	Initial Pressure	Final Time	Final Pressure
0.3793	1085	0.3853	974
0.3853	1008	0.4045	967
0.4045	1002	0.4259	961
0.4259	996	0.4499	955
0.4499	987	0.4771	946

Graph Data For Lines

0	1412.39	0	1087.77
1	442.35	1	791.05

ZONE EVALUATION - Page 2

DST Number 3 **TEST TICKET NO.** 5539

Company: Vincent Oil Corp. Date: 10/13/85

P.S.I. Slope Cycle (From Log $\frac{T + t}{t}$)

$M = G_0 - G_1$ 296.72

Damage Ratio:

$DR = .183 \frac{Ps - Pf}{M}$ 1.49

Effective Pay:

$\frac{Kh}{B} = \frac{162.6\ Q}{M}$ 3.26 Md. Ft.

Theoretical Potential With
Damage Removed (for DR greater than 1):

$Q_1 = Q\ DR$ 8.87 Bbls/Day

Production: 0.25 Bbls/Hour

$Q = \frac{1440\ R}{T}$ 5.95 Bbls/Day

These calculations are based upon information furnished by you and taken from drill stem test pressure charts and are furnished for your information. In furnishing such calculations and evaluations, Crude Oil Testing Inc. is merely expressing an opinion. You agree that Crude Oil Testing Inc. makes no warranty as to the accuracy of such calculations or opinions, and Crude Oil Testing Inc. shall not be liable for any loss or damage, whether due to negligence or otherwise in connection with such calculations and opinions.

EQUIPMENT DATA

TOOL SEQUENCE REPORT

DST Number: 3 TEST TICKET NO. 5539

WELL NAME: Boys #3 WELL LOCATION: 8-6S-21W

Tool #	Tool	Length	I.D.	O.D.
1	Drill Pipe - 4.5"	2858.00	3.826	4.50
3	Weight Pipe	620.00	2.760	4.50
8	Circulating Sub	1.00	3.000	5.00
7	Changeover Sub	2.00	3.000	5.00
9	Shut-In Tool	5.45	0.870	5.00
10	Hydraulic Tool	5.60	1.000	5.00
13	Safety Joint	2.31	3.000	5.00
14	Packer	5.35	1.530	6.75
14	Packer	5.35	1.530	6.75
6	Anchor	14.00	2.750	5.00
15	Recorder Carrier	1.00		5.00
16	Bull Plug	2.00		5.00
	Total Depth	3522.06		

CALCULATED RECOVERY ANALYSIS

DST Number: 3 TEST TICKET NO. 5539

Sample #	Total Feet	***** Gas %	**** Feet	***** Oil %	**** Feet	***** Mud %	**** Feet
1	10	0.00	0.00	95.00	9.50	5.00	0.50
2	60	0.00	0.00	30.00	18.00	70.00	42.00
3	60	0.00	0.00	5.00	3.00	55.00	33.00
4	60	0.00	0.00	5.00	3.00	30.00	18.00
TOTAL	190	0.00	0.00	17.63	33.50	49.21	93.50

Sample #	**** Water %	*** Feet	Chlorides (PPM)	Resistivity (Ohms)	Temperature (Deg)
1	0.00	0.00			
2	0.00	0.00			
3	40.00	24.00			
4	65.00	39.00	44,000		
TOTAL	33.16	63.00			

CRUDE OIL TESTING, INC.

DATE 10/14/85 TEST TICKET NO. 5540

Company: Vincent Oil Corp.
Company Address: 125 N. Market Suite 1110 Wichita KS 67202
Location: Sec. 8 Twp. 6S Range 21W Co. Graham State KS
Well Name & Number: Boys #3 Code E9

ENGINEERING DATA

Elevation	2182 GL	Drill Pipe Length	2970 ID 3.8 "
Mud Viscosity	49	Weight Pipe Length	556 ID 2.76"
Mud Weight	9.7	Drill Collar Length	
Water Loss	8	Top Packer Depth	3534
Type of Mud	Chemical	Bottom Packer Depth	3539
Anchor Length	85	Tool Joint Size	4.5 XH
Hole Size	7 7/8	Test Tool Size	5 1/2
Casing Size	8 5/8	Packer Size	6 3/4
Surface Choke	3/4	Reversed Out	No
Bottom Choke	3/4	Recorder #	11085
Extra Equipment		Safety joint	

REMARKS DST #4

FORMATION

Lansing Zone 140 - 220 Test Type Conventional
Interval 3539 To 3634 Total Depth 3634
Open 30 Shut In 45 Open 5 Shut In 20
Packer(s) Set 01:18PM Started Off Bottom 03:00PM
Blow 1st Opening Weak blow died in 9 min.
2nd Opening No blow, flushed tool, good surge, no help.

RECOVERY

Total Feet 10
Recovered 10 feet of Drilling mud (no show)

CALCULATED RECOVERY

Gas Oil Water Mud
Gravity (Oil) Test Water Chlorides PPM
Test Area Temperature 100F Mud System Chlorides 3,000 PPM

PRESSURE

	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	1907		PSI
(B) First Initial Flow Pressure	99		PSI
(C) First Final Flow Pressure	99		PSI
(D) Initial Closed-In Pressure	132		PSI
(E) Second Initial Flow Pressure	110		PSI
(F) Second Final Flow Pressure	110		PSI
(G) Final Closed-In Pressure	110		PSI
(H) Final Hydrostatic Mud	1896		PSI

EQUIPMENT DATA

TOOL SEQUENCE REPORT

DST Number: 4 **TEST TICKET NO.** 5540

WELL NAME: Boys #3 **WELL LOCATION:** 8-6S-21W

Tool #	Tool	Length	I.D.	O.D.
1	Drill Pipe - 4.5"	2970.00	3.826	4.50
3	Weight Pipe	556.00	2.760	4.50
8	Circulating Sub	1.00	3.000	5.00
7	Changeover Sub	2.00	3.000	5.00
9	Shut-In Tool	5.45	0.870	5.00
10	Hydraulic Tool	5.60	1.000	5.00
13	Safety Joint	2.31	3.000	5.00
14	Packer	5.35	1.530	6.75
14	Packer	5.35	1.530	6.75
6	Anchor	81.00	2.750	5.00
15	Recorder Carrier	1.00		5.00
16	Bull Plug	2.00		5.00
	Total Depth	3637.06		

CRUDE OIL TESTING, INC.

DATE 10/15/85 TEST TICKET NO. 5541

Company: Vincent Oil Corp.
Company Address: 125 N. Market Suite 1110 Wichita KS 67202
Location: Sec. 8 Twp. 6S Range 21W Co. Graham State KS
Well Name & Number: Boys #3 Code E9

ENGINEERING DATA

Elevation	2182 GL	Drill Pipe Length	3026 ID 3.8 "
Mud Viscosity	49	Weight Pipe Length	588 ID 2.76"
Mud Weight	9.7	Drill Collar Length	
Water Loss	8	Top Packer Depth	3632
Type of Mud	Chemical	Bottom Packer Depth	3637
Anchor Length	66	Tool Joint Size	4.5 XH
Hole Size	7 7/8	Test Tool Size	5 1/2
Casing Size	8 5/8	Packer Size	6 3/4
Surface Choke	3/4	Reversed Out	No
Bottom Choke	3/4	Recorder #	11085
Extra Equipment		Safety joint	

REMARKS DST #5

FORMATION

Conglomerate Zone Test Type Conventional
Interval 3637 To 3703 Total Depth 3703
Open 30 Shut In 45 Open 5 Shut In 20
Packer(s) Set 03:59AM Started Off Bottom 05:40AM
Blow 1st Opening Weak blow.
2nd Opening No blow, flushed tool, good surge, no help.

RECOVERY

Total Feet 20
Recovered 20 feet of Drilling mud (no show)

CALCULATED RECOVERY

Gas Oil Water Mud
Gravity (Oil) Test Water Chlorides PPM
Test Area Temperature 106F Mud System Chlorides 3,000 PPM

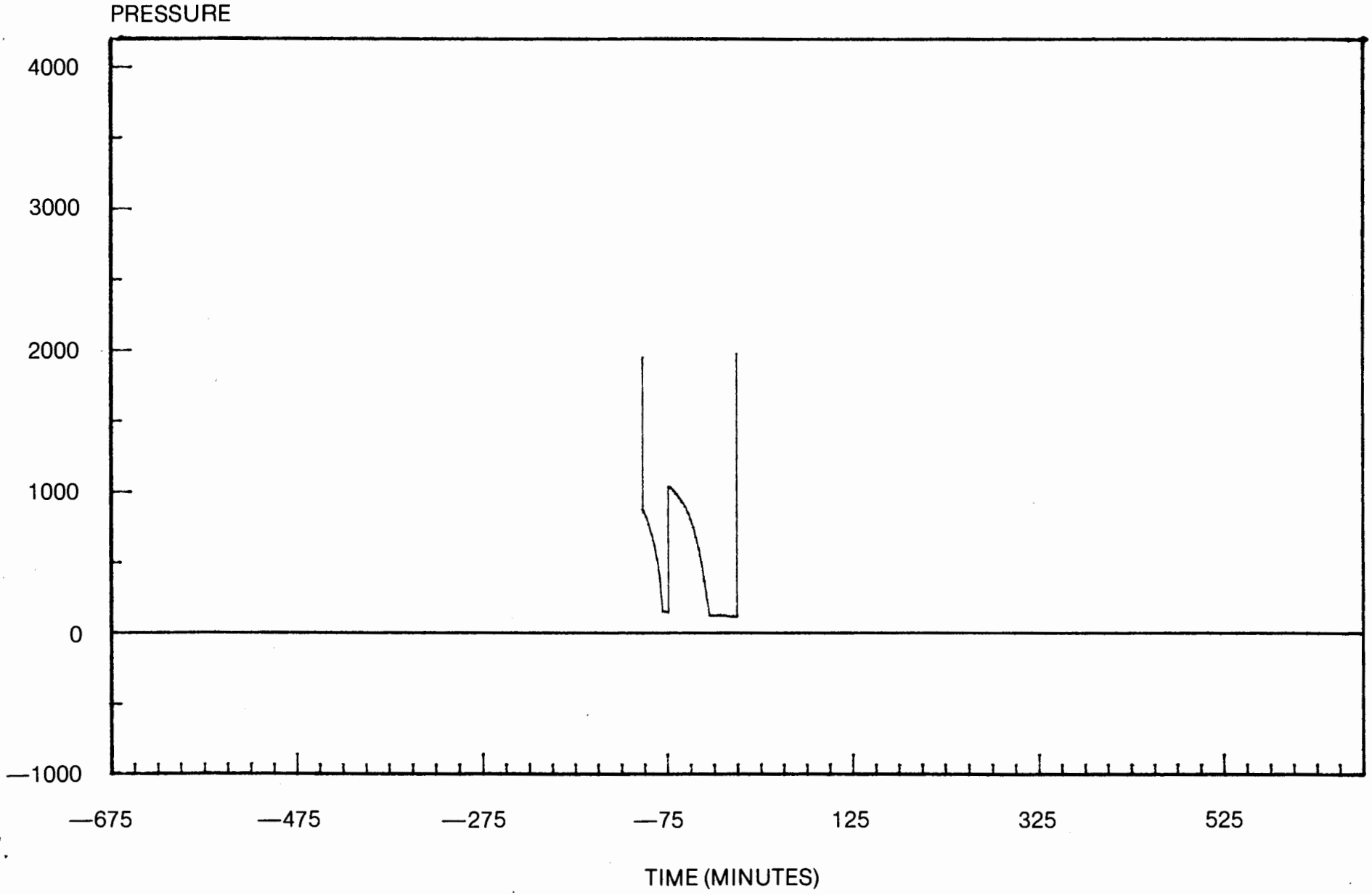
PRESSURE

	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	1961	1953	PSI
(B) First Initial Flow Pressure	88	93	PSI
(C) First Final Flow Pressure	88	103	PSI
(D) Initial Closed-In Pressure	1007	1017	PSI
(E) Second Initial Flow Pressure	132	125	PSI
(F) Second Final Flow Pressure	132	131	PSI
(G) Final Closed-In Pressure	833	849	PSI
(H) Final Hydrostatic Mud	1950	1929	PSI

CRUDE OIL TESTING INC.

FOR: Vincent Oil Corp. TEST 5541

DST 5 10/15/85



PRESSURE BREAKDOWN

TEST TICKET NO. 5541

DST Number: 5 Recorder Number: 11085 Clock Number: 19124

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Mins.	Press.	Mins.	Press.	Mins.	Press.	Mins.	Press.
0	92	0	102	0	124	0	131
3	93	3	217	3	129	3	365
6	93	6	350	6	131	6	503
9	95	9	480			9	607
12	100	12	576			12	682
15	101	15	659			15	748
18	102	18	731			18	802
21	102	21	787			21	844
24	102	24	836			22	849
27	102	27	877				
29	102	30	909				
		33	938				
		36	965				
		39	988				
		42	1008				
		45	1016				

EQUIPMENT DATA

TOOL SEQUENCE REPORT

DST Number: 5 TEST TICKET NO. 5541

WELL NAME: Boys #3 WELL LOCATION: 8-6S-21W

Tool #	Tool	Length	I.D.	O.D.
1	Drill Pipe - 4.5"	3026.00	3.826	4.50
3	Weight Pipe	588.00	2.760	4.50
8	Circulating Sub	1.00	3.000	5.00
7	Changeover Sub	2.00	3.000	5.00
9	Shut-In Tool	5.45	0.870	5.00
10	Hydraulic Tool	5.60	1.000	5.00
13	Safety Joint	2.31	3.000	5.00
14	Packer	5.35	1.530	6.75
14	Packer	5.35	1.530	6.75
6	Anchor	62.00	2.750	5.00
15	Recorder Carrier	1.00		5.00
16	Bull Plug	2.00		5.00
	Total Depth	3706.06		