

3-85-22W
 NW-SE-SW
 15-065-22,082

CRUDE OIL TESTING, INC.

DATE 10/11/84

TEST TICKET NO. 4696

Company: Petroleum, Inc.
 Company Address: 300 W. Douglas Suite 800 Wichita KS 67202
 Location: Sec. 3 Twp. 8S Range 22W Co. Graham State KS
 Well Name & Number: #1 Jones H. J. Code E14

ENGINEERING DATA	Elevation	2135 KB	Drill Pipe Length	3377	ID 3.8 "
	Mud Viscosity	42	Weight Pipe Length		
	Mud Weight	9.4	Drill Collar Length		
	Water Loss	8.8	Top Packer Depth	3395	
	Type of Mud	Drispac	Bottom Packer Depth	3422	
	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 #	10992	
	Extra Equipment		None		

REMARKS DST #1

FORMATION Lansing/KC Zone D Test Type Straddle
 Interval 3395 To 3422 Total Depth 3422
 Open 15 Shut In 30 Open 60 Shut In 120
 Packer(s) Set 07:13PM Started Off Bottom 11:00PM
 Blow 1st Opening Weak increasing blow to 5.5 in. in bucket.
 2nd Opening Fair blow off bottom in 38 min.

RECOVERY Total Feet 240
 Recovered 240 feet of Mud cut water

CALCULATED RECOVERY Gas Oil Water 204 Mud 36
 Gravity (Oil) Test Water Chlorides 60,000 PPM
 Test Area Temperature 110F Mud System Chlorides 2,500 PPM

		FIELD READING	OFFICE READING	
PRESSURE	(A) Initial Hydrostatic Mud	1724	1723	PSI
	(B) First Initial Flow Pressure	33	32	PSI
	(C) First Final Flow Pressure	33	35	PSI
	(D) Initial Closed-In Pressure	1115	1120	PSI
	(E) Second Initial Flow Pressure	55	57	PSI
	(F) Second Final Flow Pressure	120	119	PSI
	(G) Final Closed-In Pressure	1115	1127	PSI
	(H) Final Hydrostatic Mud	1703	1700	PSI

CRUDE OIL TESTING INC.

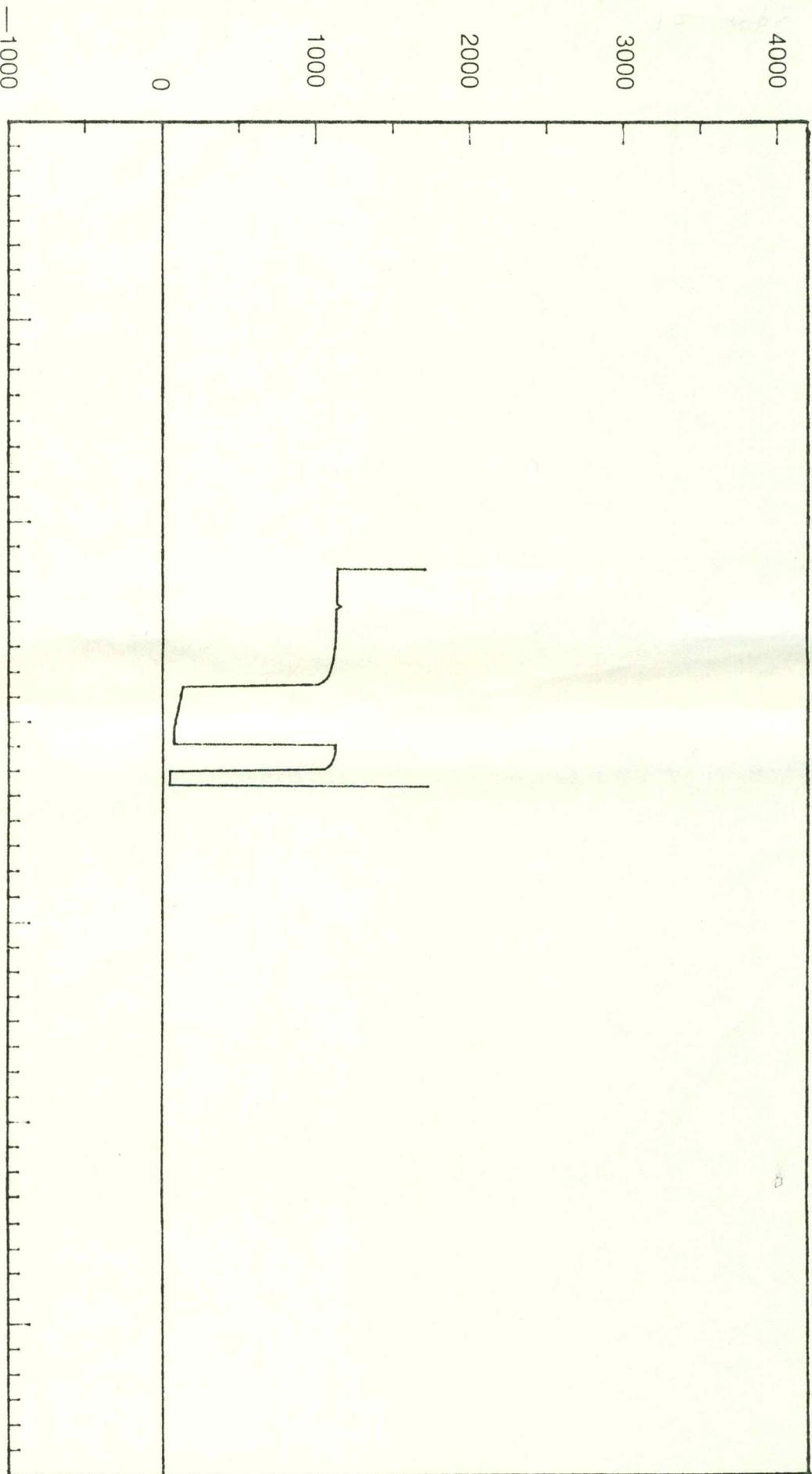
FOR: Petroleum, Inc.

TEST 4696

DST 1

10/11/84

PRESSURE



TIME (MINUTES)

PRESSURE BREAKDOWN

TEST TICKET NO. 4696

DST Number: 1 Recorder Number: 10992 Clock Number: 25108

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Mins.	Press.	Mins.	Press.	Mins.	Press.	Mins.	Press.
0	31	0	35	0	57	0	119
3	32	3	1048	3	58	3	1008
6	34	6	1075	6	59	6	1039
9	34	9	1091	9	60	9	1058
12	35	12	1099	12	60	12	1071
14	35	15	1108	15	62	15	1080
		18	1113	18	65	18	1085
		21	1116	21	70	21	1090
		24	1117	24	72	24	1096
		27	1119	27	77	27	1100
		28	1119	30	82	30	1102
				33	87	33	1105
				36	90	36	1108
				39	95	39	1111
				42	98	42	1111
				45	105	45	1113
				48	108	48	1114
				51	111	51	1115
				54	116	54	1116
				57	119	57	1117
				58	119	60	1117
						63	1117
						66	1118
						69	1118
						72	1118
						75	1119
						78	1119
						81	1150
						84	1124
						87	1124
						90	1124
						93	1124
						96	1124
						99	1124
						102	1124
						105	1124
						108	1125
						111	1126
						114	1126
						117	1126
						119	1127

3-8S-22W
NW-SE-SW
15-065-12,082

EQUIPMENT DATA

TOOL SEQUENCE REPORT

DST Number: 1

TEST TICKET NO. 4696

WELL NAME: #1 Jones H. J.

WELL LOCATION: 3-8S-22W

Tool #	Tool	Length	I.D.	O.D.
1	Drill Pipe - 4.5"	3377.00	3.826	4.50
8	Circulating Sub	1.00	3.000	5.00
9	Shut-In Tool	5.45	0.870	5.00
10	Hydraulic Tool	5.60	1.000	5.00
14	Packer	5.35	1.530	6.75
6	Anchor	20.00	2.750	5.00
15	Recorder Carrier	1.00		5.00
7	Changeover Sub	2.00	3.000	5.00
14	Packer	5.35	1.530	6.75
6	Anchor	13.00	2.750	5.00
16	Bull Plug	2.00		5.00
	Total Depth	3437.75		

3-85-22W
NW-SF-SW

CALCULATED RECOVERY ANALYSIS

06-11-082

DST Number: 1

TEST TICKET NO. 4696

Sample #	Total Feet	***** Gas %	**** Feet	***** Oil %	**** Feet	***** Mud %	**** Feet
1	60	0.00	0.00	0.00	0.00	10.00	6.00
2	60	0.00	0.00	0.00	0.00	5.00	3.00
3	60	0.00	0.00	0.00	0.00	5.00	3.00
4	60	0.00	0.00	0.00	0.00	40.00	24.00
TOTAL	<u>240</u>	0.00	<u>0.00</u>	0.00	<u>0.00</u>	15.00	<u>36.00</u>

Sample #	**** Water %	*** Feet	Chlorides (PPM)	Resistivity (Ohms)	Temperature (Deg)
1	90.00	54.00	60,000		
2	95.00	57.00			
3	95.00	57.00			
4	60.00	36.00			
TOTAL	85.00	<u>204.00</u>			

3-85-22W
 NW-SE-SW
 15-065-22,082

CRUDE OIL TESTING, INC.

DATE 10/12/84

TEST TICKET NO. 4697

Company: Petroleum, Inc.
 Company Address: 300 W. Douglas Suite 800 Wichita KS 67202
 Location: Sec. 3 Twp. 8S Range 22W Co. Graham State KS
 Well Name & Number: #1 Jones H. J. Code E14

ENGINEERING DATA	Elevation	2135 KB	Drill Pipe Length	3424	ID 3.8 "
	Mud Viscosity	42	Weight Pipe Length		
	Mud Weight	9.4	Drill Collar Length		
	Water Loss	8.8	Top Packer Depth	3441	
	Type of Mud	Drispac	Bottom Packer Depth	3446	
	Anchor Length	8	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 #	10992	
	Extra Equipment		None		

REMARKS DST #2

FORMATION Lansing/KC Zone G Test Type Conventional
 Interval 3446 To 3454 Total Depth 3454
 Open 15 Shut In 30 Open 60 Shut In 120
 Packer(s) Set 09:58AM Started Off Bottom 01:45PM
 Blow 1st Opening Strong blow off bottom in 4 min.
 2nd Opening Strong blow off bottom in 5 min.

RECOVERY Total Feet 860
 Recovered 860 feet of Mud cut water

CALCULATED RECOVERY Gas Oil Water 680 Mud 180
 Gravity (Oil) Test Water Chlorides 63,000 PPM
 Test Area Temperature 126F Mud System Chlorides 2,500 PPM

		FIELD READING	OFFICE READING	
PRESSURE	(A) Initial Hydrostatic Mud	1756	1750	PSI
	(B) First Initial Flow Pressure	55	50	PSI
	(C) First Final Flow Pressure	120	118	PSI
	(D) Initial Closed-In Pressure	1105	1107	PSI
	(E) Second Initial Flow Pressure	175	174	PSI
	(F) Second Final Flow Pressure	459	449	PSI
	(G) Final Closed-In Pressure	1115	1124	PSI
	(H) Final Hydrostatic Mud	1735	1736	PSI

3-31-84
NW-51-56
15-06-27-83

CRUDE OIL TESTING INC.

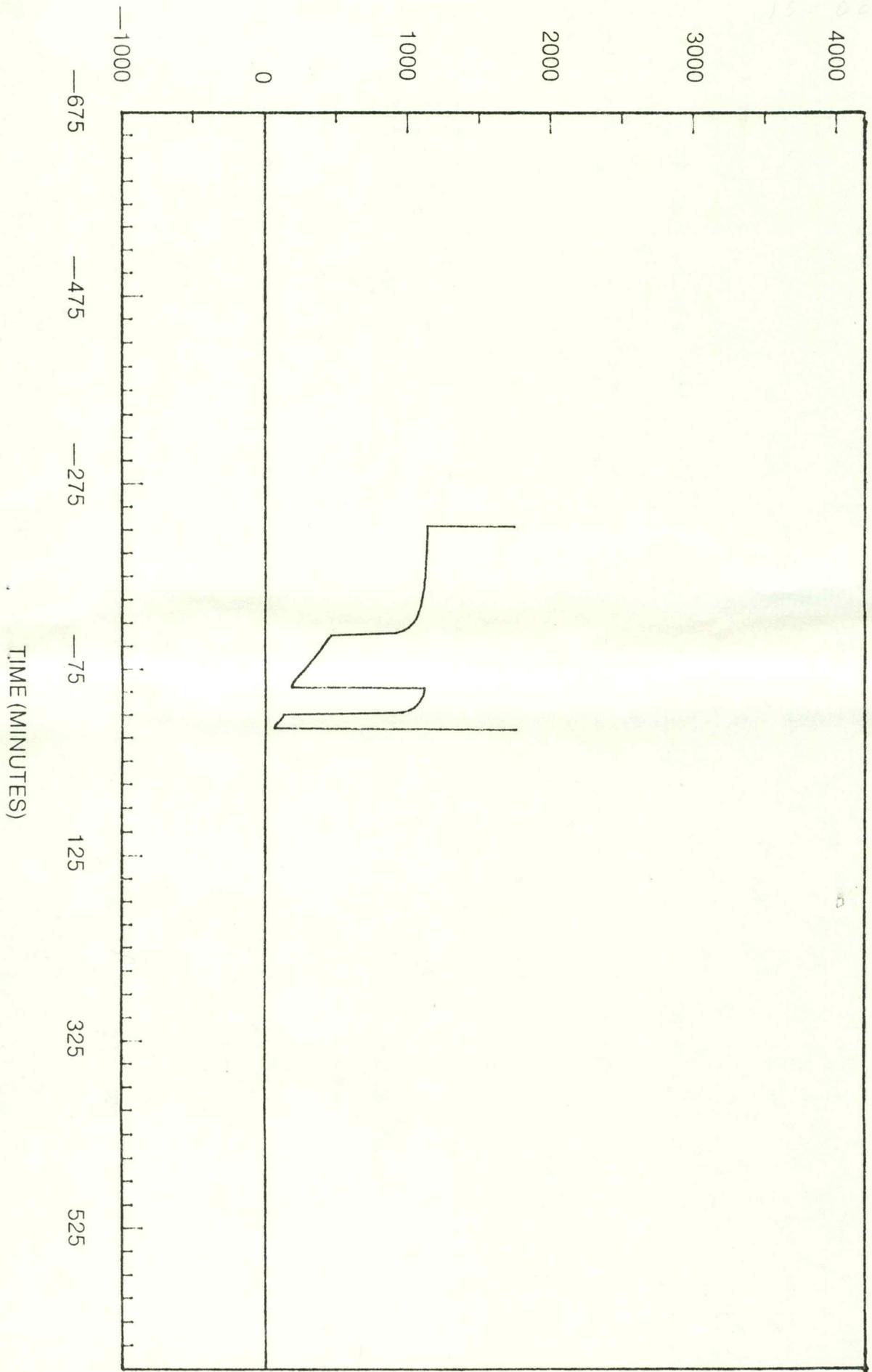
FOR: Petroleum, Inc.

TEST 4697

DST 2

10/12/84

PRESSURE



PRESSURE BREAKDOWN

TEST TICKET NO. 4697

DST Number: 2 Recorder Number: 10992 Clock Number: 25108

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Mins.	Press.	Mins.	Press.	Mins.	Press.	Mins.	Press.
0	50	0	118	0	173	0	449
3	58	3	951	3	178	3	908
6	74	6	1009	6	188	6	965
9	94	9	1041	9	201	9	996
12	110	12	1058	12	218	12	1015
15	118	15	1073	15	236	15	1031
		18	1085	18	254	18	1045
		21	1095	21	270	21	1053
		24	1102	24	287	24	1060
		27	1104	27	303	27	1067
		30	1106	30	318	30	1073
				33	335	33	1079
				36	350	36	1083
				39	365	39	1086
				42	379	42	1089
				45	392	45	1092
				48	407	48	1095
				51	420	51	1099
				54	436	54	1101
				57	449	57	1102
						60	1105
						63	1108
						66	1108
						69	1109
						72	1111
						75	1112
						78	1112
						81	1113
						84	1115
						87	1115
						90	1117
						93	1118
						96	1119
						99	1120
						102	1121
						105	1123
						108	1124
						111	1124
						114	1124
						117	1124
						119	1124

3-8S-22W
NW-SF-SW
15-065-77,082

EQUIPMENT DATA

TOOL SEQUENCE REPORT

DST Number: 2

TEST TICKET NO. 4697

WELL NAME: #1 Jones H. J.

WELL LOCATION: 3-8S-22W

Tool #	Tool	Length	I.D.	O.D.
1	Drill Pipe - 4.5"	3424.00	3.826	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
11	A.P. Carrier	5.00	3.060	5.00
14	Packer	5.35	1.530	6.75
14	Packer	5.35	1.530	6.75
6	Anchor	4.00	2.750	5.00
15	Recorder Carrier	1.00		5.00
16	Bull Plug	2.00		5.00
	Total Depth	3460.75		

3-8-22W
NW-SE-SW

15-06-22,082

CALCULATED RECOVERY ANALYSIS

DST Number: 2

TEST TICKET NO. 4697

Sample #	Total Feet	***** Gas %	**** Feet	***** Oil %	**** Feet	***** Mud %	**** Feet
1	20	0.00	0.00	0.00	0.00	75.00	15.00
2	180	0.00	0.00	0.00	0.00	15.00	27.00
3	240	0.00	0.00	0.00	0.00	10.00	24.00
4	240	0.00	0.00	0.00	0.00	10.00	24.00
5	180	0.00	0.00	0.00	0.00	50.00	90.00
TOTAL	<u>860</u>	0.00	<u>0.00</u>	0.00	<u>0.00</u>	20.93	<u>180.00</u>

Sample #	**** Water %	*** Feet	Chlorides (PPM)	Resistivity (Ohms)	Temperature (Deg)
1	25.00	5.00	63,000		
2	85.00	153.00			
3	90.00	216.00			
4	90.00	216.00			
5	50.00	90.00			
TOTAL	79.07	<u>680.00</u>			

3-85-22W
 NW-SF-SW
~~15-065-22,082~~ 15-065-22,082

CRUDE OIL TESTING, INC.

DATE 10/13/84

TEST TICKET NO. 4698

Company: Petroleum, Inc.
 Company Address: 300 W. Douglas Suite 800 Wichita KS 67202
 Location: Sec. 3 Twp. 8S Range 22W Co. Graham State KS
 Well Name & Number: #1 Jones H. J. Code E14

ENGINEERING DATA	Elevation	2135 KB	Drill Pipe Length	3494	ID 3.8 "
	Mud Viscosity	47	Weight Pipe Length		
	Mud Weight	9.5	Drill Collar Length		
	Water Loss	6.8	Top Packer Depth	3480	
	Type of Mud	Drispac	Bottom Packer Depth	3485	
	Anchor Length	50	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 #	10992	
	Extra Equipment		None		

REMARKS DST #3

FORMATION Lansing/KC Zone H & I Test Type Conventional
 Interval 3485 To 3535 Total Depth 3535
 Open 15 Shut In 30 Open 15 Shut In 30
 Packer(s) Set 03:12AM Started Off Bottom 04:45AM
 Blow 1st Opening Weak decreasing blow died in 10 min.
 2nd Opening No blow, flushed tool, good surge, no help.

RECOVERY Total Feet 10
 Recovered 10 feet of Drilling mud

CALCULATED RECOVERY Gas Oil Water Mud
 Gravity (Oil) Test Water Chlorides PPM
 Test Area Temperature 120F Mud System Chlorides 3,000 PPM

		FIELD READING	OFFICE READING	
PRESSURE	(A) Initial Hydrostatic Mud	1799	1800	PSI
	(B) First Initial Flow Pressure	55	44	PSI
	(C) First Final Flow Pressure	44	47	PSI
	(D) Initial Closed-In Pressure	1009	1012	PSI
	(E) Second Initial Flow Pressure	44	49	PSI
	(F) Second Final Flow Pressure	44	50	PSI
	(G) Final Closed-In Pressure	890	894	PSI
	(H) Final Hydrostatic Mud	1778	1775	PSI

CRUDE OIL TESTING INC.

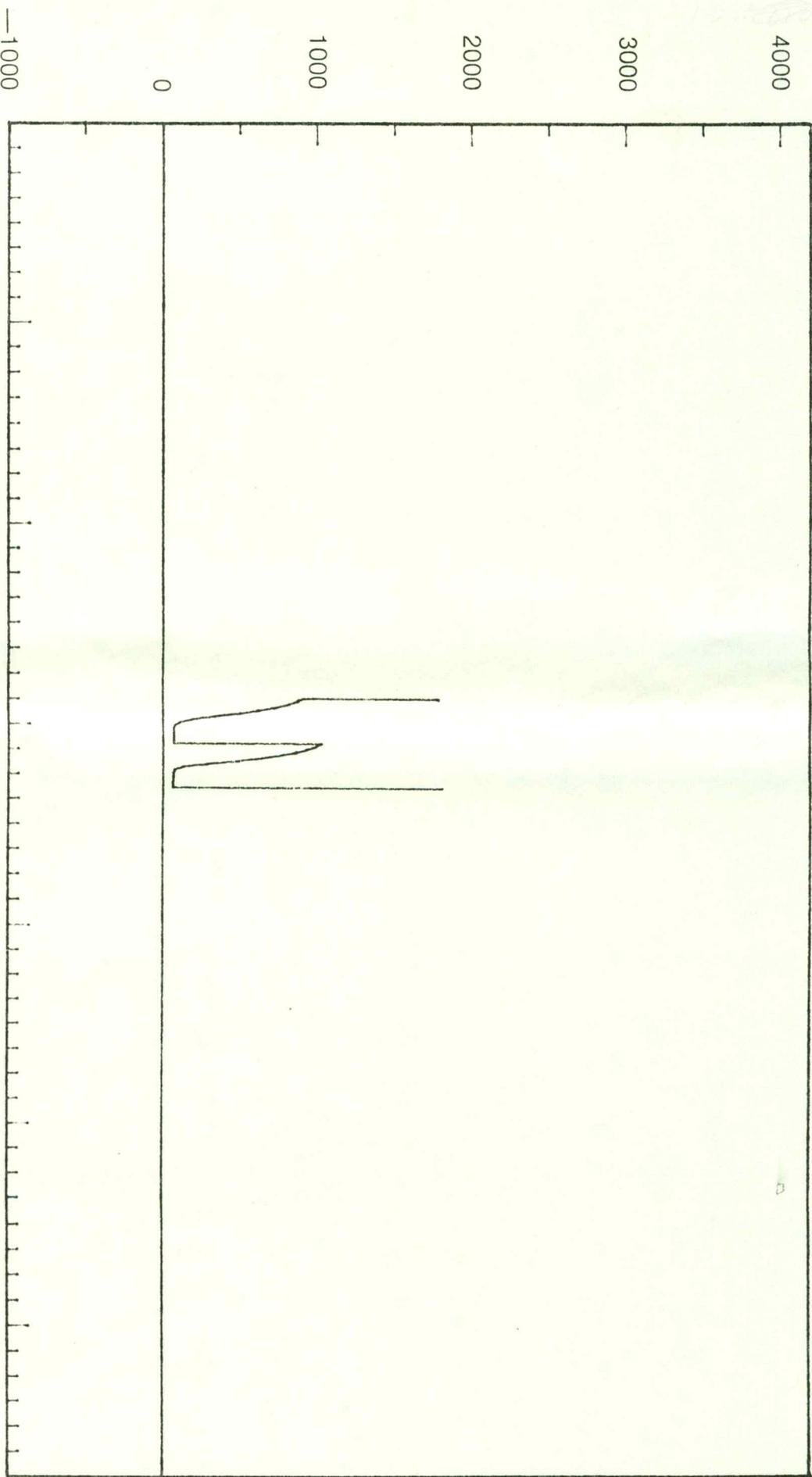
FOR: Petroleum, Inc.

TEST 4698

DST 3

10/13/84

PRESSURE



TIME (MINUTES)

PRESSURE BREAKDOWN

TEST TICKET NO. 4698

DST Number: 3 Recorder Number: 10992 Clock Number: 25108

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Mins.	Press.	Mins.	Press.	Mins.	Press.	Mins.	Press.
0	43	0	47	0	49	0	50
3	43	3	58	3	49	3	60
6	44	6	112	6	49	6	90
9	46	9	275	9	50	9	171
12	46	12	475	12	50	12	319
15	47	15	626	15	50	15	483
		18	756			18	602
		21	851			21	721
		24	921			24	798
		27	979			27	856
		30	1012			30	894

3-8S-22W
NW-SF-SW
~~15-065-22,082~~

EQUIPMENT DATA
TOOL SEQUENCE REPORT

DST Number: 3

TEST TICKET NO. 4698

WELL NAME: #1 Jones H. J.

WELL LOCATION: 3-8S-22W

Tool #	Tool	Length	I.D.	O.D.
1	Drill Pipe - 4.5"	3494.00	3.826	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
14	Packer	5.35	1.530	6.75
14	Packer	5.35	1.530	6.75
6	Anchor	46.00	2.750	5.00
15	Recorder Carrier	1.00		5.00
16	Bull Plug	2.00		5.00
	Total Depth	3567.75		

3-85-22W
NW-SE-SW
15-065-22,082

CRUDE OIL TESTING, INC.

DATE 10/13/84

TEST TICKET NO. 4699

Company: Petroleum, Inc.
Company Address: 300 W. Douglas Suite 800 Wichita KS 67202
Location: Sec. 3 Twp. 8S Range 22W Co. Graham State KS
Well Name & Number: #1 Jones H. J. Code E14

ENGINEERING DATA	Elevation 2135 KB	Drill Pipe Length 3512	ID 3.8 "
	Mud Viscosity 44	Weight Pipe Length	
	Mud Weight 9.3	Drill Collar Length	
	Water Loss 7.4	Top Packer Depth 3529	
	Type of Mud Drispac	Bottom Packer Depth 3534	
	Anchor Length 20	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 # 10992	
	Extra Equipment	None	

REMARKS DST #4

FORMATION Lansing/KC Zone J Test Type Conventional
Interval 3534 To 3554 Total Depth 3554
Open 15 Shut In 30 Open 60 Shut In 120
Packer(s) Set 01:38PM Started Off Bottom 05:25PM
Blow 1st Opening Weak intermittent blow 1 inch in bucket.
2nd Opening Weak increasing blow to 8 inches in bucket.

RECOVERY Total Feet 40
Recovered 40 feet of Oil & mud

CALCULATED RECOVERY Gas Oil 16 Water Mud 24
Gravity (Oil) 38 Test Water Chlorides PPM
Test Area Temperature 136F Mud System Chlorides 4,000 PPM

		FIELD READING	OFFICE READING	
PRESSURE	(A) Initial Hydrostatic Mud	1831	1820	PSI
	(B) First Initial Flow Pressure	33	30	PSI
	(C) First Final Flow Pressure	33	32	PSI
	(D) Initial Closed-In Pressure	1222	1225	PSI
	(E) Second Initial Flow Pressure	33	32	PSI
	(F) Second Final Flow Pressure	33	40	PSI
	(G) Final Closed-In Pressure	1254	1268	PSI
	(H) Final Hydrostatic Mud	1810	1799	PSI

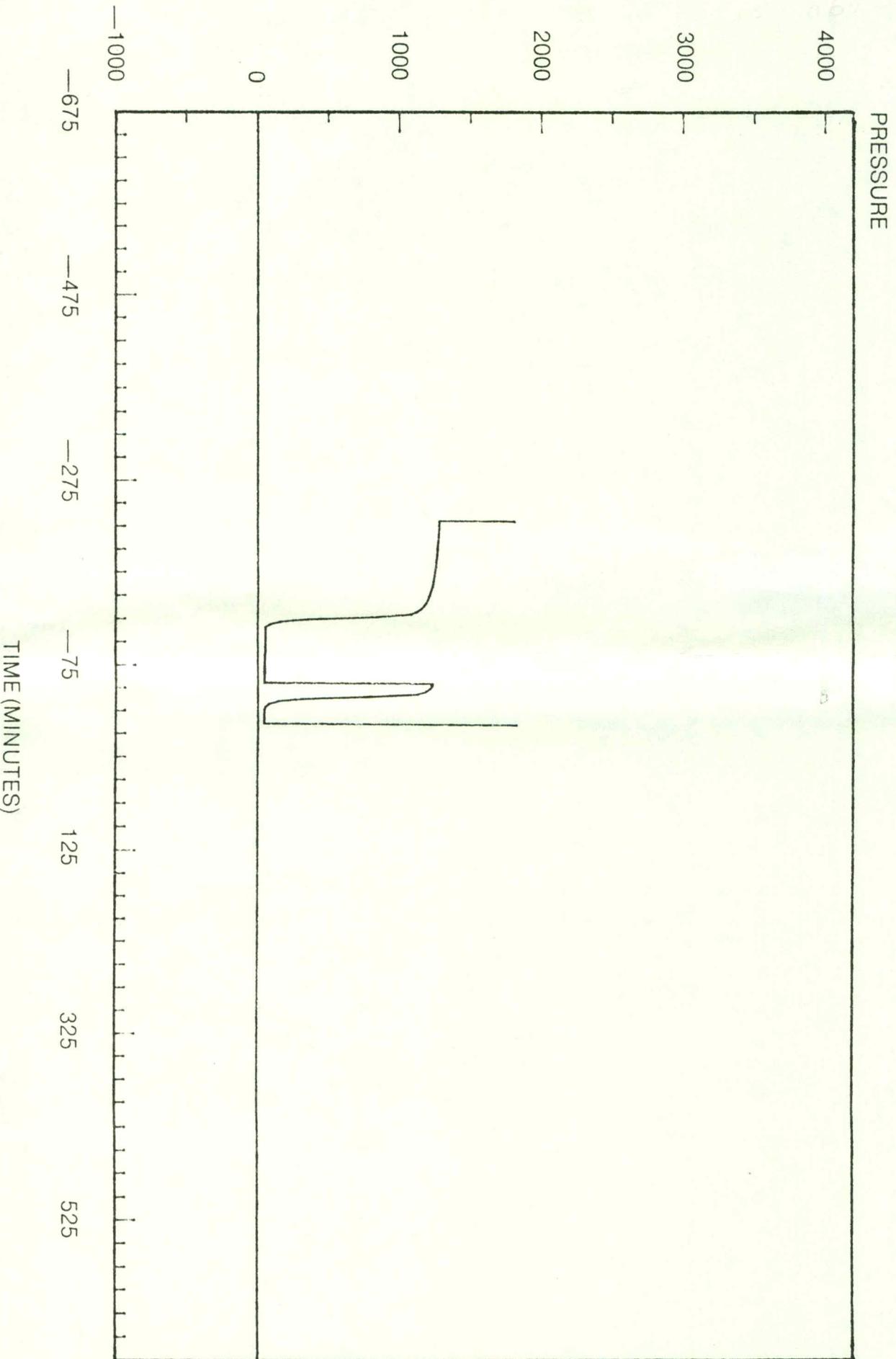
CRUDE OIL TESTING INC.

FOR: Petroleum, Inc.

TEST 4699

DST 4

10/13/84



PRESSURE BREAKDOWN

TEST TICKET NO. 4699

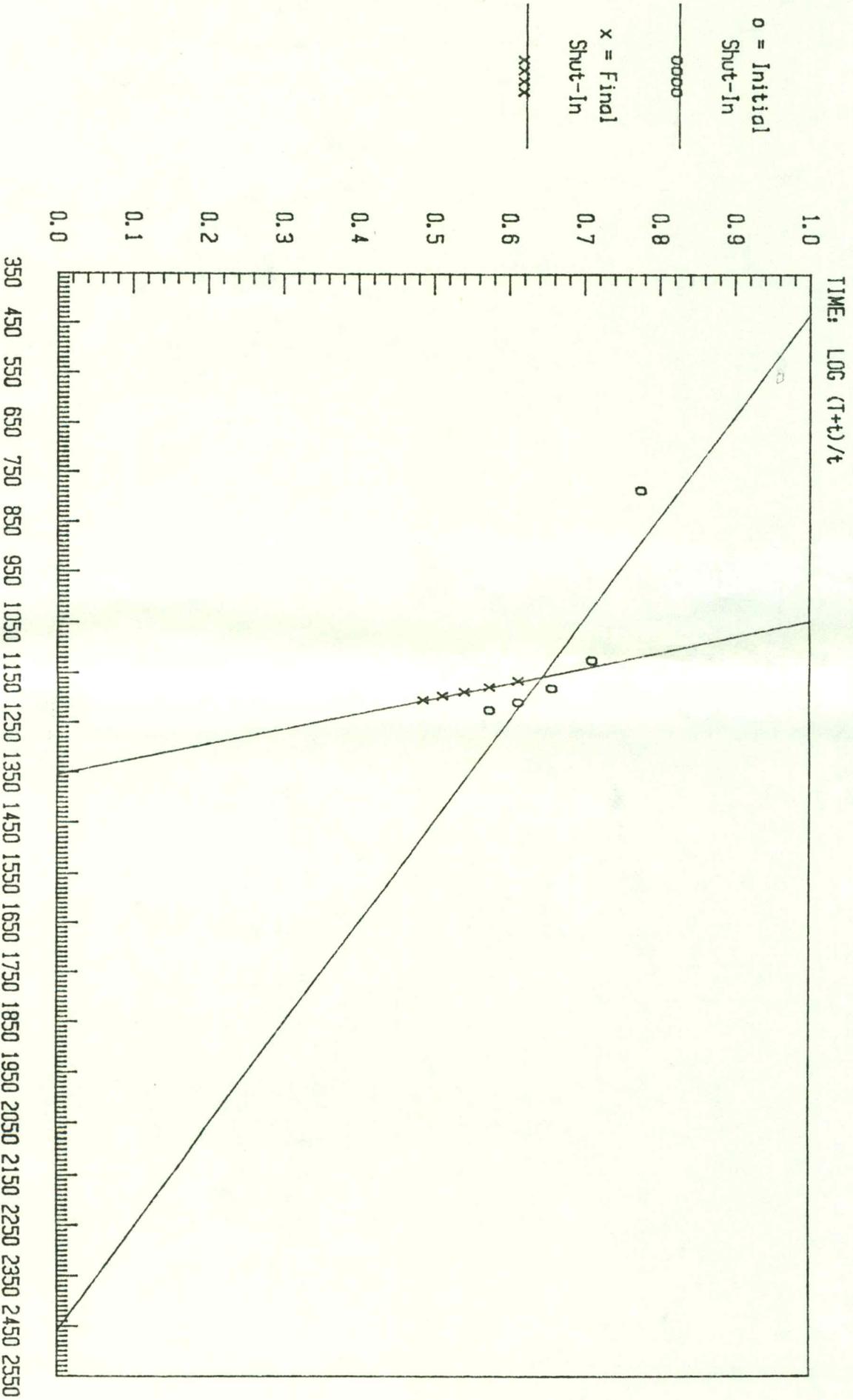
DST Number: 4 Recorder Number: 10992 Clock Number: 25108

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Mins.	Press.	Mins.	Press.	Mins.	Press.	Mins.	Press.
0	30	0	32	0	32	0	40
3	30	3	41	3	32	3	73
6	31	6	66	6	32	6	145
9	31	9	129	9	34	9	336
12	31	12	315	12	35	12	835
15	32	15	783	15	35	15	1070
		18	1121	18	35	18	1117
		21	1177	21	35	21	1143
		24	1206	24	35	24	1162
		27	1222	27	36	27	1175
		30	1225	30	36	30	1185
				33	38	33	1193
				36	38	36	1202
				39	38	39	1207
				42	39	42	1213
				45	39	45	1219
				48	39	48	1223
				51	40	51	1228
				54	40	54	1231
				57	40	57	1234
				60	40	60	1237
						63	1240
						66	1243
						69	1245
						72	1246
						75	1249
						78	1251
						81	1252
						84	1254
						87	1255
						90	1256
						93	1259
						96	1260
						99	1262
						102	1263
						105	1264
						108	1265
						111	1266
						114	1267
						117	1268

CRUDE OIL TESTING INC TEST 4699 DST 4

FOR: Petroleum, Inc.

10/13/84



ZONE EVALUATION - Page 1

DST NUMBER 4

TEST TICKET NO. 4699

Company: Petroleum, Inc.

Date: 10/13/84

Drill Collar Feet	ID	Weight Pipe Feet	ID	Drill Pipe Feet	ID	Average ID	Gals/ Foot
0	0.000	0	0.000	16	3.800	3.8000	0.589
Bbls Recovered/Test = 0.1796				Est Bbls/Day = 3.4474		T = 75	

Initial Shut-In

PRESS.	TIME	T/t	(T+t)/t	LOG T/t	LOG (T+t)/t
1222	27	2.778	3.778	0.44370	0.57724
1206	24	3.125	4.125	0.49485	0.61542
1177	21	3.571	4.571	0.55284	0.66005
1121	18	4.167	5.167	0.61979	0.71321
783	15	5.000	6.000	0.69897	0.77815

Final Shut-In

Press.	Time	T/t	(T+t)/t	Log T/t	Log (T+t)/t
1202	36	2.083	3.083	0.31876	0.48902
1193	33	2.273	3.273	0.35655	0.51491
1185	30	2.500	3.500	0.39794	0.54407
1175	27	2.778	3.778	0.44370	0.57724
1162	24	3.125	4.125	0.49485	0.61542

Time Option is Log (T+t)/t

IP(0)	IP(1)	FP(0)	FP(1)	M	Kh/B	DR	Q1	Pts
1535.7	992.3	1353.0	1044.2	308.8	1.815	1.665	5.739	1,3
1539.1	992.7	1352.3	1044.2	308.1	1.819	1.666	5.745	1-3
1659.0	914.7	1349.4	1047.0	302.4	1.853	1.679	5.788	1-4
2459.4	429.5	1354.0	1042.7	311.3	1.801	1.660	5.721	1-5

Graph Data For Points

Initial Time	Initial Pressure	Final Time	Final Pressure
0.5772	1222	0.4890	1202
0.6154	1206	0.5149	1193
0.6600	1177	0.5440	1185
0.7132	1121	0.5772	1175
0.7781	783	0.6154	1162

Graph Data For Lines

0	2459.44	0	1354.01
1	429.52	1	1042.75

NW
CB

ZONE EVALUATION - Page 2

DST Number 4

TEST TICKET NO. 4699

Company: Petroleum, Inc.

Date: 10/13/84

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

$$M = G_0 - G_1 \quad 311.26$$

Damage Ratio:

$$DR = .183 \frac{P_s - P_f}{M} \quad 1.66$$

Effective Pay:

$$\frac{Kh}{B} = \frac{162.6 Q}{M} \quad 1.80 \text{ Md. Ft.}$$

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

$$Q_1 = Q DR \quad 5.72 \text{ Bbls/Day}$$

Production:

0.18 Bbls/Hour

$$Q = \frac{1440 R}{T} \quad 3.45 \text{ Bbls/Day}$$

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: 4

TEST TICKET NO. 4699

WELL NAME: #1 Jones H. J.

WELL LOCATION: 3-8S-22W

Tool #	Tool	Length	I.D.	O.D.
1	Drill Pipe - 4.5"	3512.00	3.826	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
14	Packer	5.35	1.530	6.75
14	Packer	5.35	1.530	6.75
6	Anchor	16.00	2.750	5.00
15	Recorder Carrier	1.00		5.00
16	Bull Plug	2.00		5.00
	Total Depth	3555.75		

3-85-22W
 NW-SE-SW
 15-065-22,082

CRUDE OIL TESTING, INC.

DATE 10/14/84

TEST TICKET NO. 4700

Company: Petroleum, Inc.
 Company Address: 300 W. Douglas Suite 800 Wichita KS 67202
 Location: Sec. 3 Twp. 8S Range 22W Co. Graham State KS
 Well Name & Number: #1 Jones H. J. Code E14

ENGINEERING DATA	Elevation	2135 KB	Drill Pipe Length	3526	ID 3.8 "
	Mud Viscosity	44	Weight Pipe Length		
	Mud Weight	9.3	Drill Collar Length		
	Water Loss	7.4	Top Packer Depth	3543	
	Type of Mud	Drispac	Bottom Packer Depth	3548	
	Anchor Length	20	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 #	10992	
	Extra Equipment		None		

REMARKS DST #5

FORMATION Lansing/KC Zone K Test Type Conventional
 Interval 3548 To 3568 Total Depth 3568
 Open 15 Shut In 30 Open 15 Shut In 30
 Packer(s) Set 01:58AM Started Off Bottom 03:30AM
 Blow 1st Opening Weak blow on surface throughout opening.
 2nd Opening No blow, flushed tool, good surge, no help.

RECOVERY Total Feet 15
 Recovered 15 feet of Oil spotted mud

CALCULATED RECOVERY Gas Oil Water Mud
 Gravity (Oil) Test Water Chlorides PPM
 Test Area Temperature 118F Mud System Chlorides 4,000 PPM

		FIELD READING	OFFICE READING	
PRESSURE	(A) Initial Hydrostatic Mud	1821	1824	PSI
	(B) First Initial Flow Pressure	33	33	PSI
	(C) First Final Flow Pressure	33	36	PSI
	(D) Initial Closed-In Pressure	1030	1034	PSI
	(E) Second Initial Flow Pressure	44	40	PSI
	(F) Second Final Flow Pressure	33	42	PSI
	(G) Final Closed-In Pressure	998	1001	PSI
	(H) Final Hydrostatic Mud	1799	1793	PSI

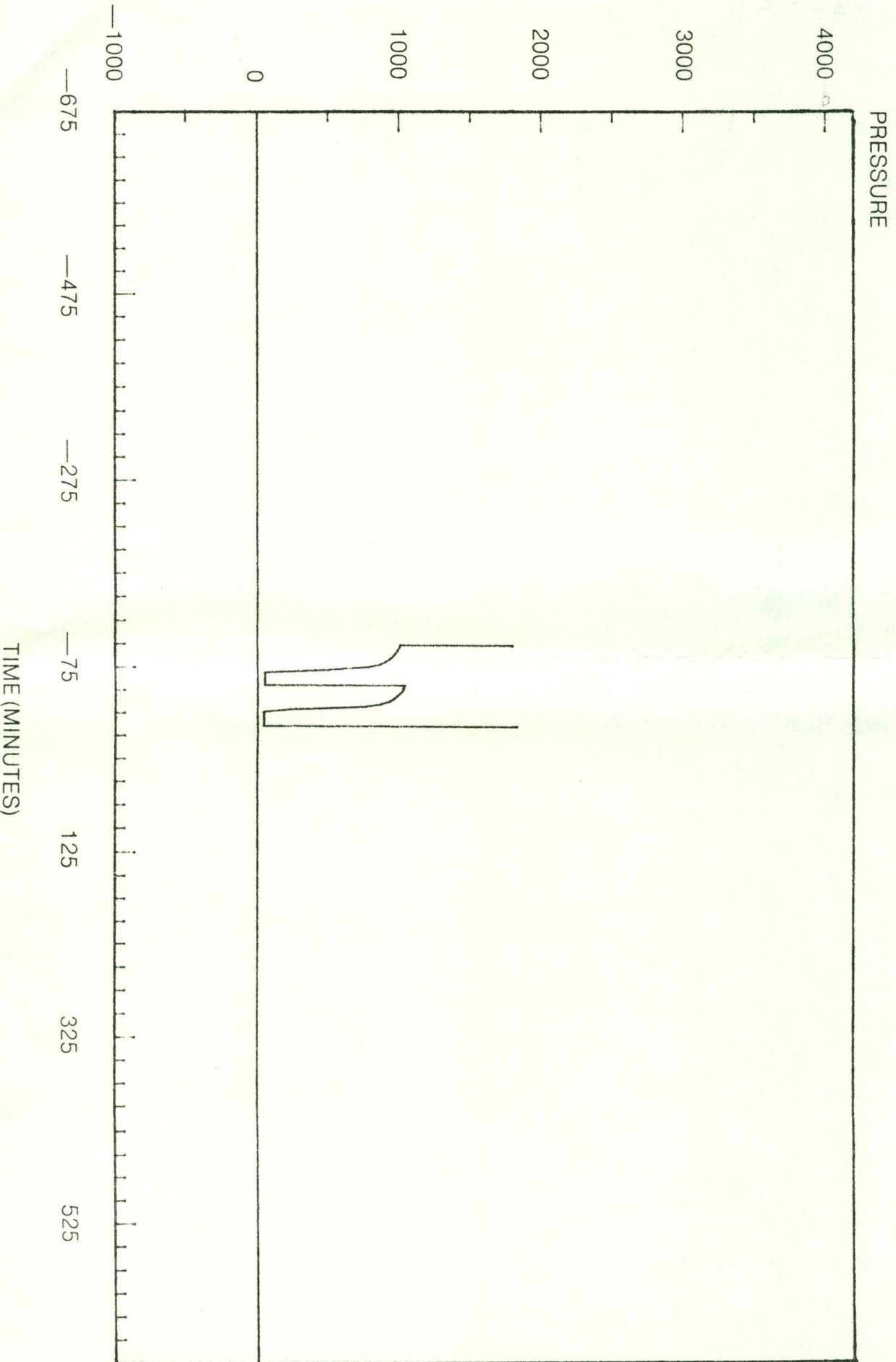
CRUDE OIL TESTING INC.

FOR: Petroleum, Inc.

TEST 4700

DST 5

10/14/84



PRESSURE BREAKDOWN

TEST TICKET NO. 4700

DST Number: 5 Recorder Number: 10992 Clock Number: 25108

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Mins.	Press.	Mins.	Press.	Mins.	Press.	Mins.	Press.
0	32	0	36	0	39	0	41
3	34	3	220	3	40	3	501
6	34	6	757	6	40	6	776
9	34	9	869	9	41	9	857
12	35	12	926	12	41	12	897
15	36	15	954	14	41	15	927
		18	978			18	950
		21	1000			21	967
		24	1015			24	979
		27	1027			27	992
		30	1033			30	1000

3-8S-22W
NW-SE SW
15-065-22,082

EQUIPMENT DATA
TOOL SEQUENCE REPORT

DST Number: 5

TEST TICKET NO. 4700

WELL NAME: #1 Jones H. J.

WELL LOCATION: 3-8S-22W

Tool #	Tool	Length	I.D.	O.D.
1	Drill Pipe - 4.5"	3526.00	3.826	4.50
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14	Packer	5.35	1.530	6.75
14	Packer	5.35	1.530	6.75
6	Anchor	16.00	2.750	5.00
15	Recorder Carrier	1.00		5.00
16	Bull Plug	2.00		5.00
	Total Depth	3569.75		

RECEIVED
OCT 21 1951
OIL FIELD
OIL FIELD