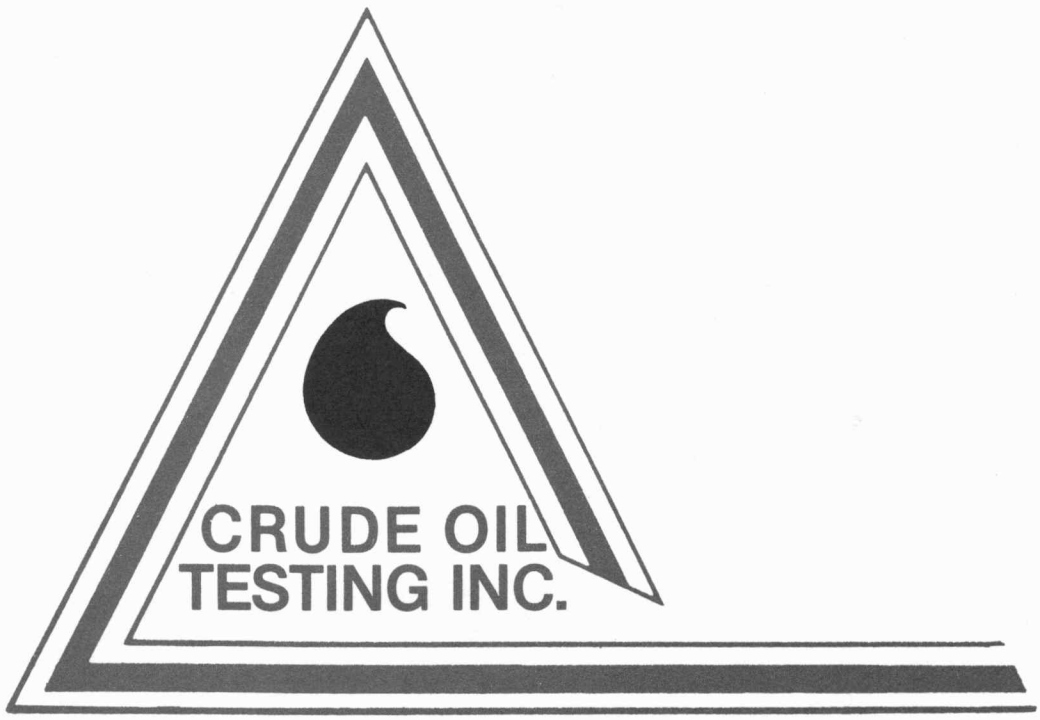
JAY BOY

(8) Newman



FORMATION TESTING SERVICE REPORT

34-9S-26W
SE NW SW

CRUDE OIL TESTING, INC.

DATE 5/5/86

TEST TICKET NO. 5664

Company: Jay Boy Oil Inc.
Company Address: 8400 Killarney Wichita, KS 67206
Location: Sec. 34 Twp. 9S Range 26W Co. Sheridan State KS
Well Name & Number: #2 Newman Code E6

ENGINEERING DATA

Elevation	2616 GL	Drill Pipe Length	3873 ID 3.8 "
Mud Viscosity	46	Weight Pipe Length	
Mud Weight	9.4	Drill Collar Length	
Water Loss	10.4	Top Packer Depth	3890
Type of Mud	Starch	Bottom Packer Depth	3895
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 #	13255
Extra Equipment		None	

REMARKS

DST #1
Lost 30 ft. of mud / hour during test.

FORMATION

Lans. Zone B Test Type Conventional
Interval 3895 To 3915 Total Depth 3915
Open 45 Shut In 60 Open 45 Shut In 60
Packer(s) Set 01:43AM Started Off Bottom 05:15AM
Blow 1st Opening 1/4 in. throught opening
2nd Opening No blow

RECOVERY

Total Feet 35
Recovered 35 feet of Muddy water

CALCULATED RECOVERY

Gas Oil Water 20.55 Mud 14.45
Gravity (Oil) Test Water Chlorides 56,000 PPM
Test Area Temperature 111F Mud System Chlorides 53,000 PPM

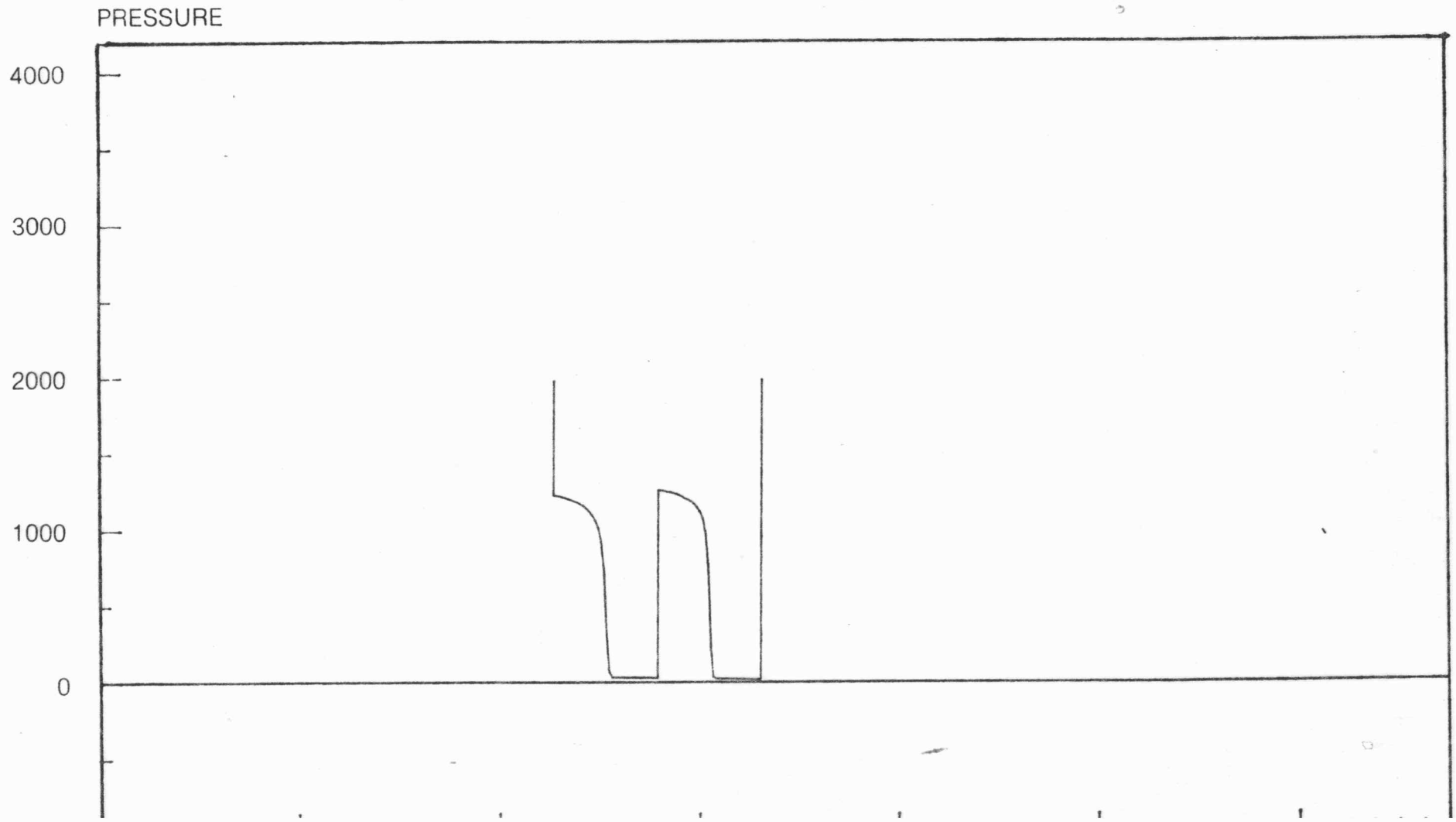
PRESSURE

	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	1993	1998	PSI
(B) First Initial Flow Pressure	35	30	PSI
(C) First Final Flow Pressure	35	35	PSI
(D) Initial Closed-In Pressure	1260	1264	PSI
(E) Second Initial Flow Pressure	35	36	PSI
(F) Second Final Flow Pressure	35	40	PSI
(G) Final Closed-In Pressure	1226	1233	PSI
(H) Final Hydrostatic Mud	1981	1983	PSI

CRUDE OIL TESTING INC.

FOR: Jay Boy Oil, Inc. TEST 5664

DST 1 05/05/86



PRESSURE BREAKDOWN

TEST TICKET NO. 5664

DST Number: 1 Recorder Number: 13255 Clock Number: 25113

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Mins.	Press.	Mins.	Press.	Mins.	Press.	Mins.	Press.
0	30	0	34	0	36	0	39
3	30	3	46	3	36	3	75
6	30	6	242	6	36	6	325
9	31	9	785	9	37	9	762
12	31	12	1004	12	37	12	934
15	31	15	1089	15	37	15	1023
18	31	18	1131	18	37	18	1071
21	32	21	1159	21	37	21	1104
24	32	24	1182	24	38	24	1129
27	33	27	1197	27	38	27	1149
30	33	30	1209	30	38	30	1165
33	33	33	1215	33	38	33	1176
36	33	36	1230	36	39	36	1187
39	33	39	1238	39	39	39	1194
42	33	42	1244	42	39	42	1202
45	34	45	1251	45	39	45	1209
		48	1256			48	1215
		51	1260			51	1221
		54	1264			54	1226
		57	1267			57	1230
		60	1269			60	1233

EQUIPMENT DATA

TOOL SEQUENCE REPORT

DST Number: 1 TEST TICKET NO. 5664

WELL NAME: #2 Newman WELL LOCATION: 34-9s-26w

Tool #	Tool	Length	I.D.	O.D.
1	Drill Pipe - 4.5"	3873.00	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
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	3914.75		

CALCULATED RECOVERY ANALYSIS

DST Number: 1 TEST TICKET NO. 5664

Sample #	Total Feet	***** Gas %	**** Feet	***** Oil %	**** Feet	***** Mud %	**** Feet
1	15	0.00	0.00	0.00	0.00	31.00	4.65
2	20	0.00	0.00	0.00	0.00	49.00	9.80
TOTAL	35	0.00	0.00	0.00	0.00	41.29	14.45

Sample #	**** Water %	*** Feet	Chlorides (PPM)	Resistivity (Ohms)	Temperature (Deg)
1	69.00	10.35	56,000		
2	51.00	10.20			
TOTAL	58.71	20.55			

CRUDE OIL TESTING, INC.

DATE 5/6/86 TEST TICKET NO. 5665

Company: Jay Boy Oil Inc.
Company Address: 8400 Killarney Wichita, KS 67206
Location: Sec. 34 Twp. 9S Range 26W Co. Sheridan State KS
Well Name & Number: #2 Newman Code E6

ENGINEERING DATA

Elevation	2616 GL	Drill Pipe Length	3996 ID 3.8 "
Mud Viscosity	43	Weight Pipe Length	
Mud Weight	9.6	Drill Collar Length	
Water Loss	13.2	Top Packer Depth	4015
Type of Mud	Starch	Bottom Packer Depth	4020
Anchor Length	25	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 #	13255
Extra Equipment		Jars and Safety Joint	

REMARKS

DST # 2
Hit a bridge going in hole about 2000 ft.
Pulled 40000 lb. past string weight.
Set off jars.

FORMATION

Lans. Zone I Test Type Conventional
Interval 4020 To 4045 Total Depth 4045
Open 30 Shut In 30 Open 30 Shut In 30
Packer(s) Set 11:13AM Started Off Bottom 01:15PM
Blow 1st Opening Weak blow died in 22 min.
2nd Opening No blow

RECOVERY

Total Feet 5
Recovered 5 feet of Drilling mud

CALCULATED RECOVERY

Gas Oil Water Mud 5
Gravity (Oil) Test Water Chlorides PPM
Test Area Temperature 107F Mud System Chlorides 51,000 PPM

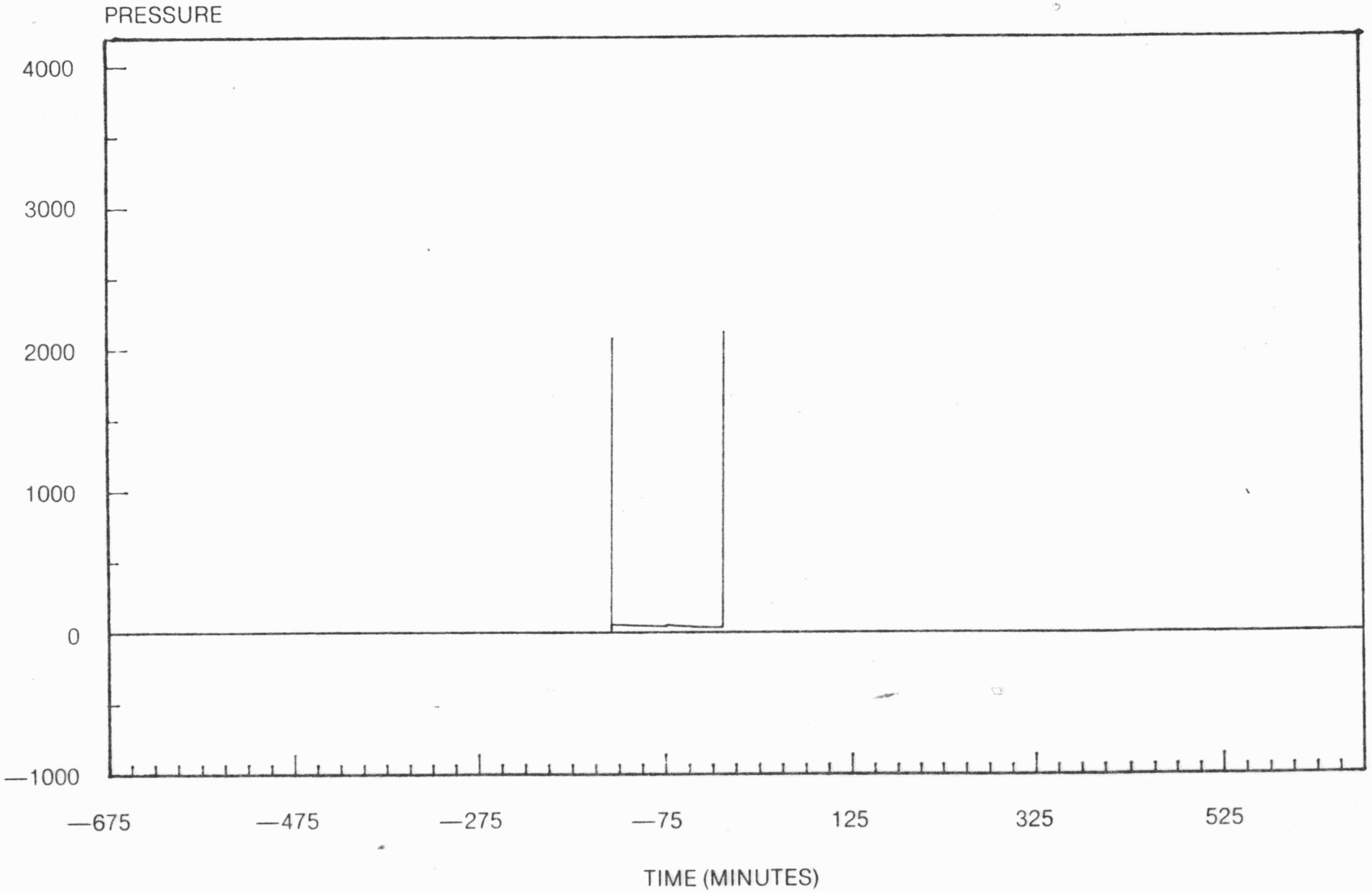
PRESSURE

	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	2119	2126	PSI
(B) First Initial Flow Pressure	35	36	PSI
(C) First Final Flow Pressure	35	38	PSI
(D) Initial Closed-In Pressure	58	55	PSI
(E) Second Initial Flow Pressure	46	42	PSI
(F) Second Final Flow Pressure	46	48	PSI
(G) Final Closed-In Pressure	58	57	PSI
(H) Final Hydrostatic Mud	2073	2079	PSI

CRUDE OIL TESTING INC.

FOR: Jay Boy Oil, Inc. TEST 5665

DST 2 05/06/86



PRESSURE BREAKDOWN

TEST TICKET NO. 5665

DST Number: 2 Recorder Number: 13255 Clock Number: 25113

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Mins.	Press.	Mins.	Press.	Mins.	Press.	Mins.	Press.
0	36	0	38	0	43	0	47
3	36	3	40	3	43	3	48
6	36	6	44	6	43	6	48
9	36	9	44	9	44	9	48
12	37	12	44	12	44	12	50
15	37	15	45	15	45	15	51
18	37	18	46	18	46	18	51
21	38	21	48	21	46	21	52
24	38	24	51	24	46	24	53
27	38	27	53	27	47	27	55
30	38	30	54	30	47	30	57

EQUIPMENT DATA

TOOL SEQUENCE REPORT

DST Number: 2 TEST TICKET NO. 5665

WELL NAME: Jay Boy Oil Inc. WELL LOCATION: 34-9s-26w

Tool #	Tool	Length	I.D.	O.D.
1	Drill Pipe - 4.5"	3996.00	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
12	Jars	7.00	3.000	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	15.00	2.750	5.00
16	Bull Plug	2.00		5.00
	Total Depth	4045.06		

CRUDE OIL TESTING, INC.

DATE 5/7/86 TEST TICKET NO. 5666

Company: Jay Boy Oil Inc.
Company Address: 8400 Killarney Wichita, KS 67206
Location: Sec. 34 Twp. 9S Range 26W Co. Sheridan State KS
Well Name & Number: #2 Newman Code E6

ENGINEERING DATA

Elevation	2616 GL	Drill Pipe Length	4034 ID 3.8 "
Mud Viscosity	48	Weight Pipe Length	
Mud Weight	9.6	Drill Collar Length	
Water Loss	10.4	Top Packer Depth	4060
Type of Mud	Starch	Bottom Packer Depth	4065
Anchor Length	25	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 #	13255
Extra Equipment		None	

REMARKS DST #3

FORMATION

Lans. Zone K Test Type Conventional
Interval 4065 To 4090 Total Depth 4090
Open 30 Shut In 60 Open 30 Shut In 60
Packer(s) Set 01:43AM Started Off Bottom 04:45AM
Blow 1st Opening Weak blow died in 20 min.
2nd Opening No blow

RECOVERY

Total Feet 10
Recovered 10 feet of Slightly oil cut mud

CALCULATED RECOVERY

Gas .15 Oil .15 Water 2.5 Mud 7.2
Gravity (Oil) Test Water Chlorides PPM
Test Area Temperature 116F Mud System Chlorides 53,000 PPM

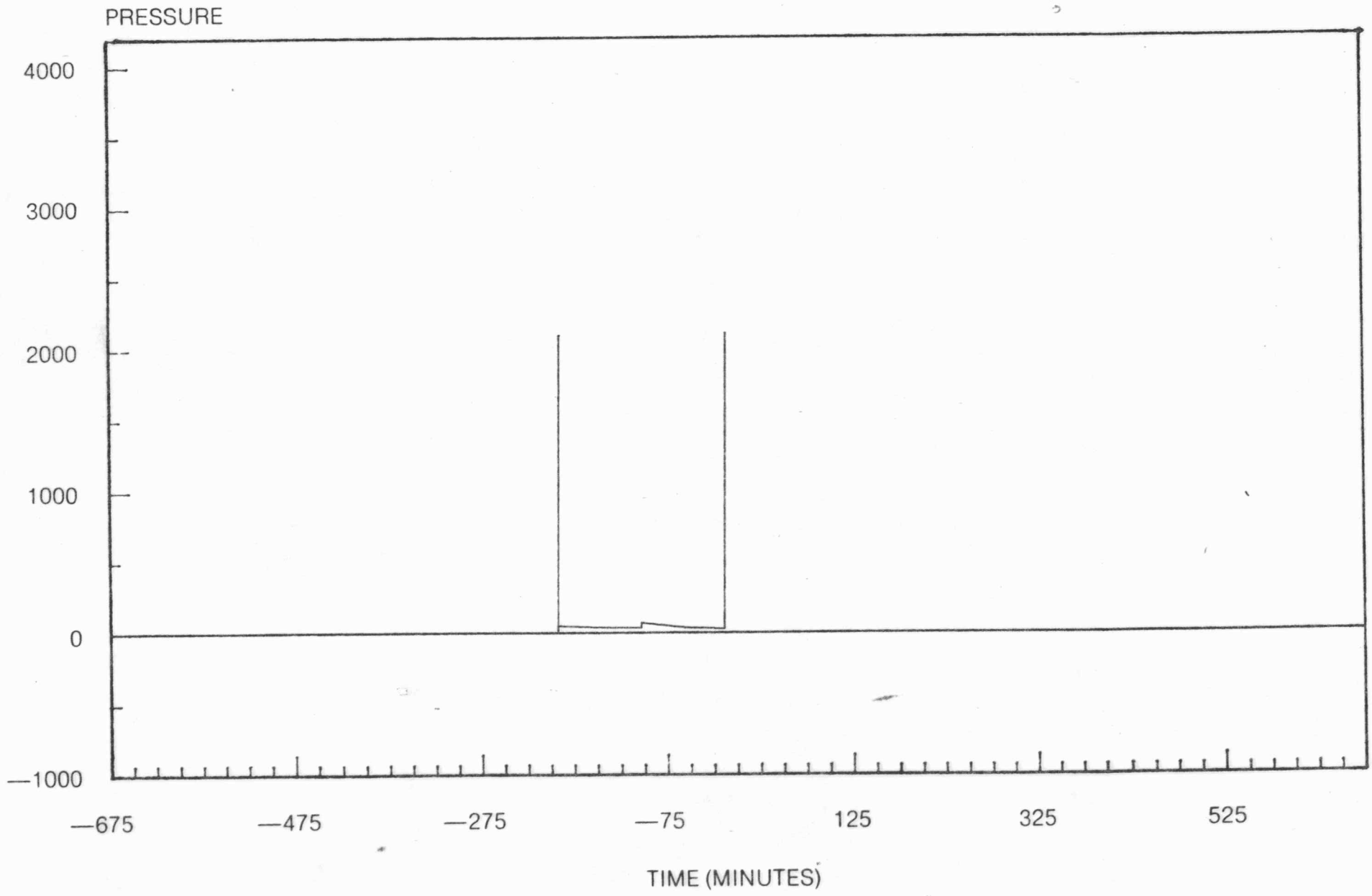
PRESSURE

	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	2108	2123	PSI
(B) First Initial Flow Pressure	35	34	PSI
(C) First Final Flow Pressure	35	38	PSI
(D) Initial Closed-In Pressure	70	76	PSI
(E) Second Initial Flow Pressure	35	38	PSI
(F) Second Final Flow Pressure	35	38	PSI
(G) Final Closed-In Pressure	46	51	PSI
(H) Final Hydrostatic Mud	2096	2104	PSI

CRUDE OIL TESTING INC.

FOR: Jay Boy Oil, Inc. TEST 5666

DST 3 05/07/86



PRESSURE BREAKDOWN

TEST TICKET NO. 5666

DST Number: 3 Recorder Number: 13255 Clock Number: 25113

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Mins.	Press.	Mins.	Press.	Mins.	Press.	Mins.	Press.
0	33	0	38	0	38	0	38
3	34	3	38	3	38	3	38
6	34	6	38	6	38	6	38
9	34	9	39	9	38	9	39
12	36	12	40	12	38	12	39
15	36	15	43	15	38	15	40
18	36	18	44	18	38	18	40
21	36	21	46	21	38	21	40
24	37	24	48	24	38	24	41
27	37	27	51	27	38	27	43
30	38	30	53	30	38	30	43
		33	55			33	44
		36	58			36	44
		39	59			39	45
		42	61			42	46
		45	64			45	46
		48	66			48	47
		51	68			51	48
		54	71			54	48
		57	73			57	50
		60	75			60	51

EQUIPMENT DATA

TOOL SEQUENCE REPORT

DST Number: 3 TEST TICKET NO. 5666

WELL NAME: #2 Newman WELL LOCATION: 34-9s-26w

Tool #	Tool	Length	I.D.	O.D.
1	Drill Pipe - 4.5"	4034.00	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
12	Jars	7.00	3.000	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	21.00	2.750	5.00
15	Recorder Carrier	1.00		5.00
16	Bull Plug	2.00		5.00
	Total Depth	4090.06		

CALCULATED RECOVERY ANALYSIS

DST Number: 3 TEST TICKET NO. 5666

Sample #	Total Feet	***** Gas %	**** Feet	***** Oil %	**** Feet	***** Mud %	**** Feet
1	5	0.00	0.00	1.00	0.05	74.00	3.70
2	5	3.00	0.15	2.00	0.10	70.00	3.50
TOTAL	10	1.50	0.15	1.50	0.15	72.00	7.20

Sample #	**** Water %	*** Feet	Chlorides (PPM)	Resistivity (Ohms)	Temperature (Deg)
1	25.00	1.25			
2	25.00	1.25			
TOTAL	25.00	2.50			