



TEST REPORT

(303) 473-6909
P.O. Box 2260
Colorado Springs, CO 80901

Test Ticket No. 119
Company A. Scott Ritchie Date 1/7/80
Company Address 125 N. Market Suite #950, Wichita No. of Charts 5
Location: Sec. 17 Twp. 6 Rge. 26 Co. Sheridan State Kansas
Well Name And Number Shipley #1 Tester John J. Schmidt
Contractor Murfin Rig No. 16 Co. Rep. Don D. Strong

Formation

Lansing Zone Type of Test Conventional

DST# 1

Interval 3,757 To 3,800 Total Depth 3,800
Open 30 Shut IN 30 Open 30 Shut In 30
Packer(s) Set 12:12 ^{A.M.} Started off Bottom 2:15 ^{P.M.}
Blow Weak Blow Dead in 12 Min. of 1st Opening

Recovery

Total Feet 5
Recovered 5 Ft. of Rotary Mud Few Specks of Oil
Recovered Ft. of
Recovered Ft. of
Recovered Ft. of
Gravity (Oil) Corrected To Temp.
Water Chlorides

Pressures & Temp.

(Office Reading if
Applicable)

Initial Hydrostatic Pressure 1,924 Final Hydrostatic Pressure 1,903
Initial Closed In Pressure 351 Final Closed In Pressure 330
Initial Flow Pressure 43 To 43 Final Flow Pressure 43 To 43
Test Area Temperature 102°

Engineering Date

Elevation 2,656 K.B.
Mud Viscosity 48 Mud Weight 9.5 Water Loss 8.6
Chlorides 32.00 P.P.M. Type of Mud Chemical
Hole Size 7 7/8 Casing Size 8 5/8 Anchor Length 43'
Drill Pipe Length 2,698 I.D. 3.8 In. Weight Pipe Length 893 I.D. 2.76 In.
Drill Collar Length 114 I.D. 2 1/4 In.
Surface Choke 3/4 Bottom Choke 3/4
Top Packer Depth. 3,752 Bottom Packer Depth. 3,757 Packer Size 6 3/4
Test Tool Size 5 1/2 In. Tool Joint Size 4 1/2 FH - 3 1/2 FH In.
Did Well Flow No Reversed Out No
Recorder Type and No. Kuster 10991 Clock Range 12 Hr. No. 16067
Recorder Type and No. Kuster 10994 Clock Range 12 Hr. No. 22348
Extra Equipment None
Remarks Thank you!

CRUDE OIL TESTING COMPANY

P.O. Box 2260
Colorado Springs, Colorado 80901
(303) 473-6909

Date 1/7/80 Test Ticket No. 119
Recorder No. Kuster AK-1 10991 Capacity 4,200 P.S.I. Location 3,790 Ft.
Clock No. 16067 Elevation 2,656 K.B. Well Temperature 102 °F

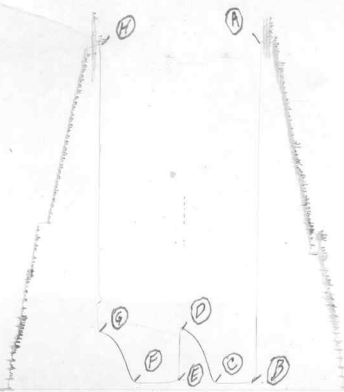
Point	Pressure		Field Time	Time Computed
A Initial Hydrostatic Mud	<u>1,916</u>	P.S.I.		
B First Initial Flow Pressure	<u>30</u>	P.S.I.	<u>12:15</u> P M	
C First Final Flow Pressure	<u>40</u>	P.S.I.	<u>30</u> Mins.	<u> </u> Mins.
D Initial Closed-in Pressure	<u>343</u>	P.S.I.	<u>30</u> Mins.	<u> </u> Mins.
E Second Initial Flow Pressure	<u>40</u>	P.S.I.	<u>30</u> Mins.	<u> </u> Mins.
F Second Final Flow Pressure	<u>40</u>	P.S.I.	<u>30</u> Mins.	<u> </u> Mins.
G Final Closed-in Pressure	<u>322</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1,894</u>	P.S.I.		

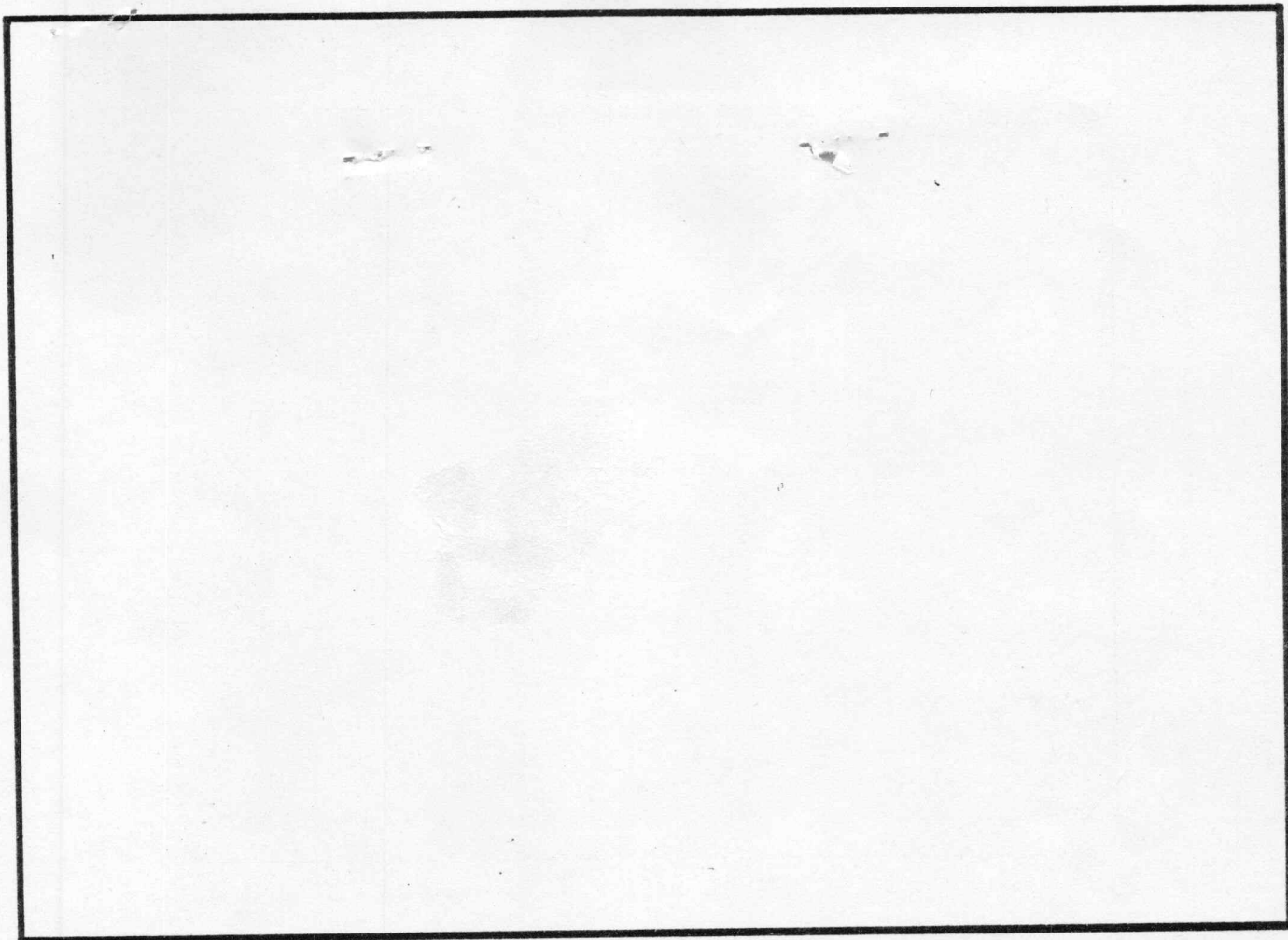
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>6</u> Inc.	
of <u>5</u> mins. and a		of <u>5</u> mins. and a		of <u>5</u> mins. and a		of <u>5</u> mins. and a	
final inc. of <u> </u> Min.		final inc. of <u> </u> Min.		final inc. of <u> </u> Min.		final inc. of <u> </u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>00</u>	<u>30</u>	<u>00</u>	<u>40</u>	<u>00</u>	<u>40</u>	<u>00</u>	<u>40</u>
P 2 <u>05</u>	<u>34</u>	<u>05</u>	<u>121</u>	<u>05</u>	<u>40</u>	<u>05</u>	<u>60</u>
P 3 <u>10</u>	<u>35</u>	<u>10</u>	<u>227</u>	<u>10</u>	<u>40</u>	<u>10</u>	<u>157</u>
P 4 <u>15</u>	<u>35</u>	<u>15</u>	<u>285</u>	<u>15</u>	<u>40</u>	<u>15</u>	<u>238</u>
P 5 <u>20</u>	<u>37</u>	<u>20</u>	<u>321</u>	<u>20</u>	<u>40</u>	<u>20</u>	<u>285</u>
P 6 <u>25</u>	<u>38</u>	<u>25</u>	<u>341</u>	<u>25</u>	<u>40</u>	<u>25</u>	<u>307</u>
P 7 <u>30</u>	<u>40</u>	<u>30</u>	<u>343</u>	<u>30</u>	<u>40</u>	<u>30</u>	<u>322</u>
P 8 <u> </u>							
P 9 <u> </u>							
P 10 <u> </u>							
P 11 <u> </u>							
P 12 <u> </u>							
P 13 <u> </u>							
P 14 <u> </u>							
P 15 <u> </u>							
P 16 <u> </u>							
P 17 <u> </u>							
P 18 <u> </u>							
P 19 <u> </u>							
P 20 <u> </u>							

10991
16067
TOP

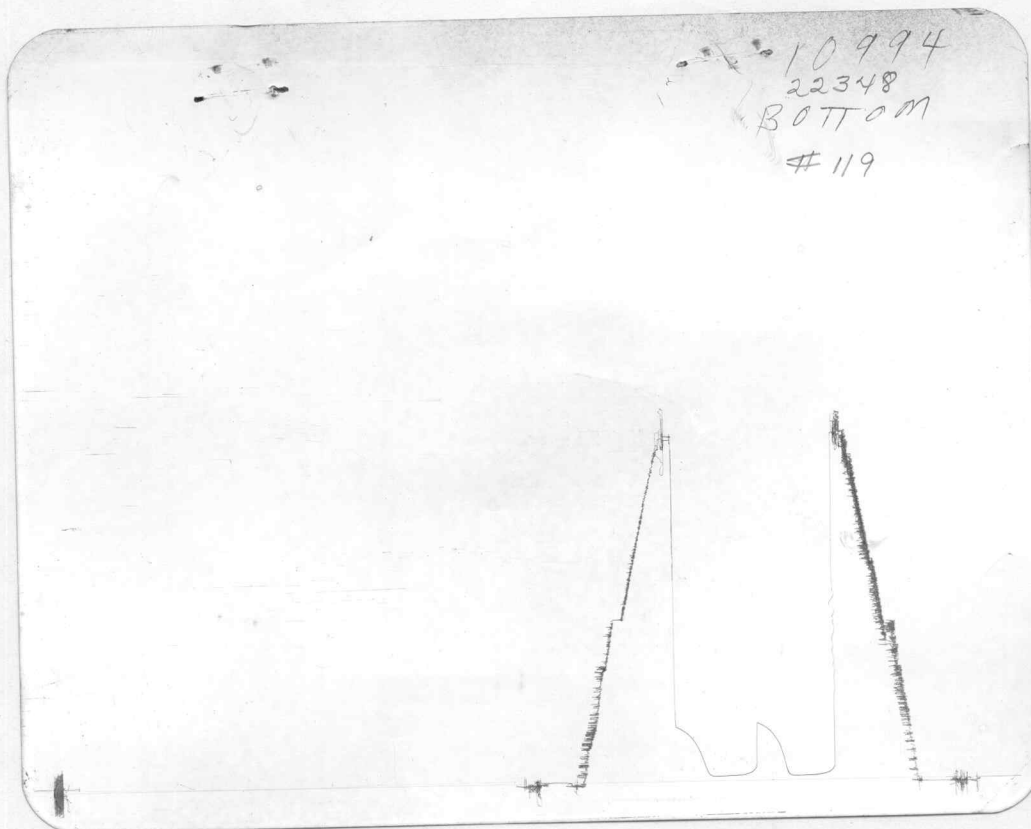
119





This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1,924	1,916	PSI
(B) First Initial Flow Pressure	43	30	PSI
(C) First Final Flow Pressure	43	40	PSI
(D) Initial Closed-in Pressure	351	343	PSI
(E) Second Initial Flow Pressure	43	40	PSI
(F) Second Final Flow Pressure	43	40	PSI
(G) Final Closed-in Pressure	330	322	PSI
(H) Final Hydrostatic Mud	1,903	1,894	PSI



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud		PSI
(B) First Initial Flow Pressure		PSI
(C) First Final Flow Pressure		PSI
(D) Initial Closed-in Pressure		PSI
(E) Second Initial Flow Pressure		PSI
(F) Second Final Flow Pressure		PSI
(G) Final Closed-in Pressure		PSI
(H) Final Hydrostatic Mud		PSI



TEST REPORT

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Colorado Springs, CO 80901

Company A. Scott Ritchie Test Ticket No. 120
Company Address 125 N. Market Suite #950, Wichita Date 1/7/80
Location: Sec. 17 Twp. 6 Rge. 26 Co. Sheridan State Kansas No. of Charts 5
Well Name And Number Shipley #1 Tester John J. Schmidt
Contractor Murfin Rig No. 16 Co. Rep. Don D. Strong

Formation

Lansing Zone Type of Test Conventional

DST# 2

Interval 3,798 To 3,822 Total Depth 3,822
Open 30 Shut IN 60 Open 90 Shut In 60 A.M.
Packer(s) Set 11:42 P.M. Started off Bottom 3:45 P.M.
Blow Weak Steady Blow Throughout Both Openings

Recovery

Total Feet 195
Recovered 10 Ft. of Free Oil
Recovered 65 Ft. of 2% Oil, 2% Water, 96% Mud
Recovered 60 Ft. of 1% Oil, 40% Water, 59% Mud
Recovered 60 Ft. of Salt Water
Gravity (Oil) 38 Corrected To Temp. 38
Water Chlorides 18,000

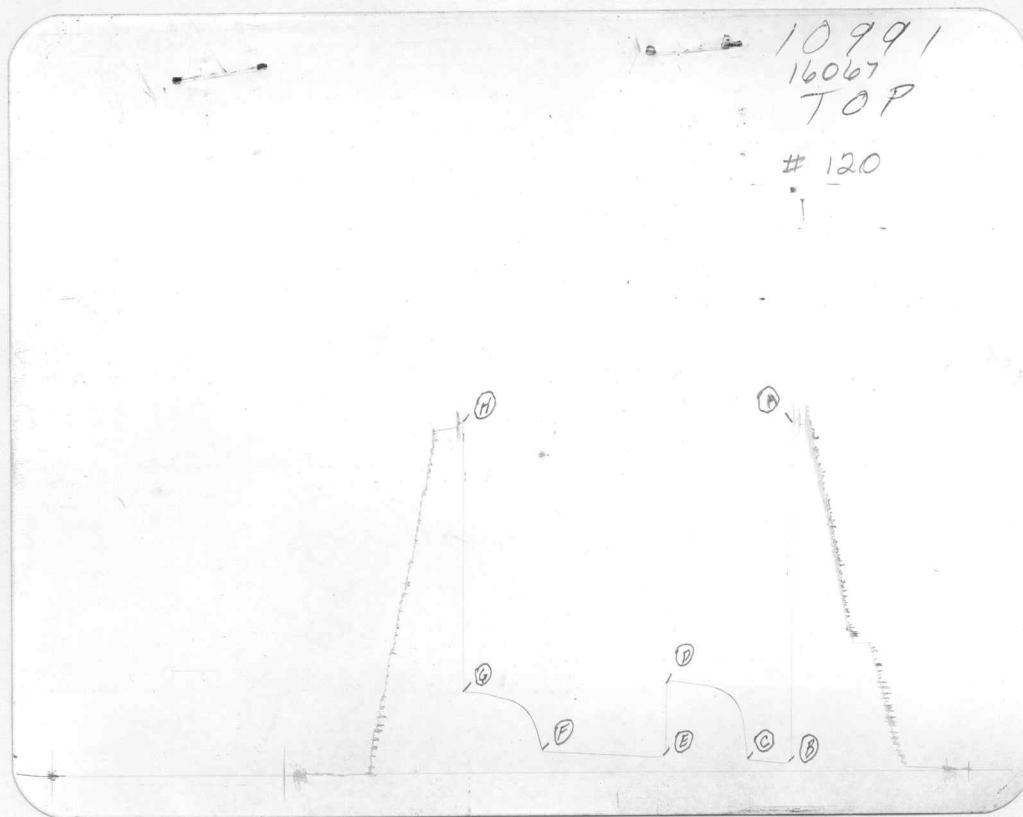
Pressures & Temp.

(Office Reading if
Applicable)

Initial Hydrostatic Pressure 1,945 Final Hydrostatic Pressure 1,924
Initial Closed In Pressure 500 Final Closed In Pressure 447
Initial Flow Pressure 43 To 64 Final Flow Pressure 74 To 117
Test Area Temperature 107°

Engineering Date

Elevation 2,656 K.B.
Mud Viscosity 48 Mud Weight 9.5 Water Loss 8.6
Chlorides 3,200 P.P.M. Type of Mud Chemical
Hole Size 7 7/8 Casing Size 8 5/8 Anchor Length 24
Drill Pipe Length 2,798 I.D. 3.8 In. Weight Pipe Length 893 I.D. 2.76 In.
Drill Collar Length 114 I.D. 2 1/4 In.
Surface Choke 3/4 Bottom Choke 3/4
Top Packer Depth. 3,793 Bottom Packer Depth. 3,798 Packer Size 6 3/4
Test Tool Size 5 1/2 In. Tool Joint Size 4 1/2 FH - 3 1/2 FH In.
Did Well Flow No Reversed Out No
Recorder Type and No. Kuster 10991 Clock Range 12 Hr. No. 16067
Recorder Type and No. Kuster 10994 Clock Range 12 Hr. No. 22348
Extra Equipment None
Remarks Thank you!

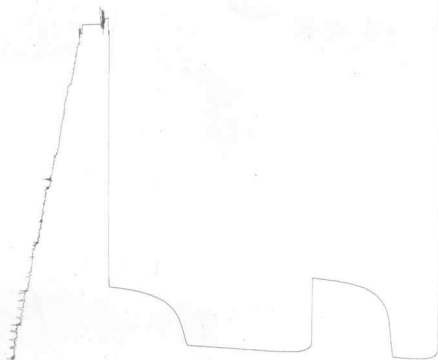


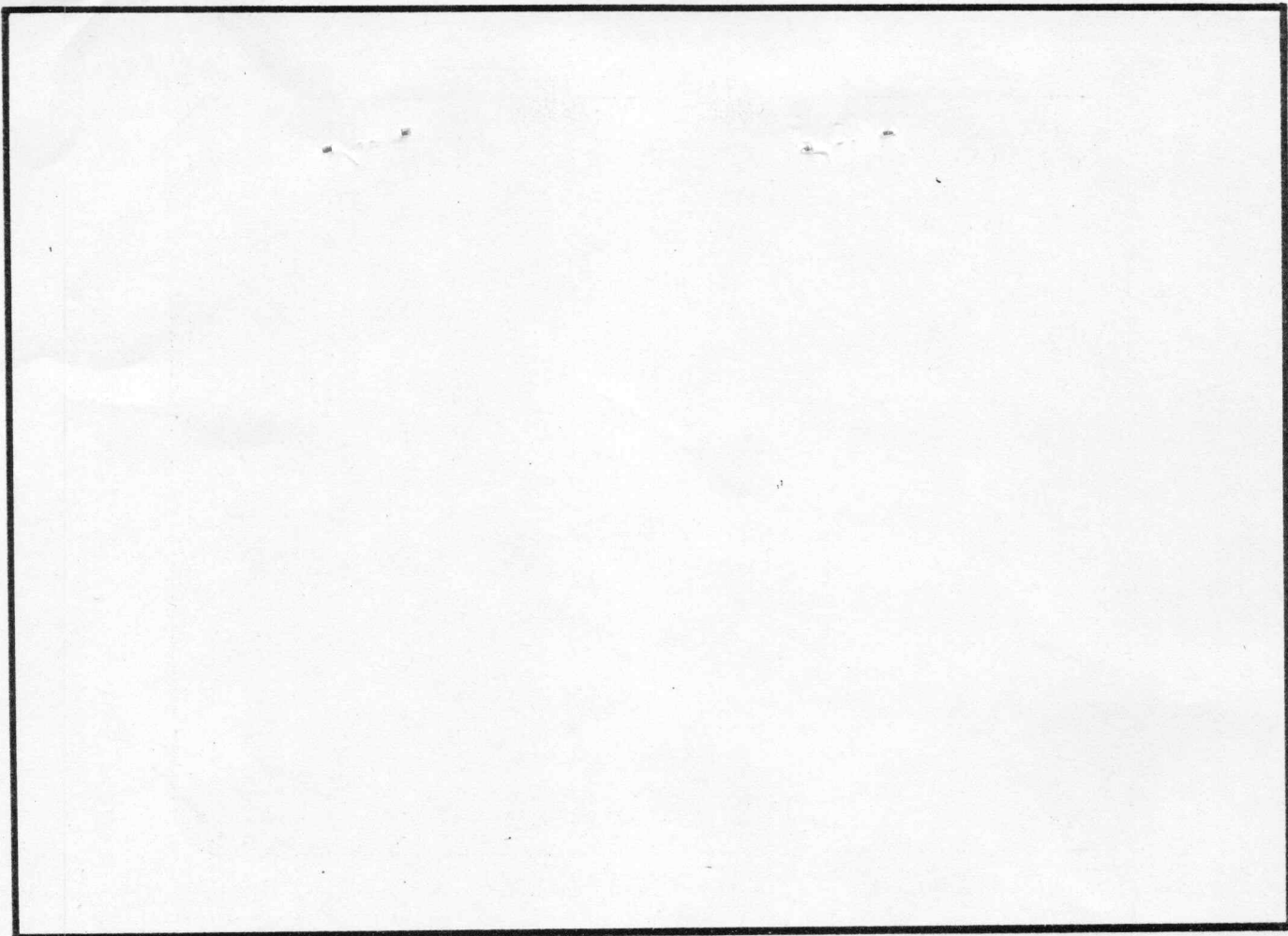
This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1,945	1,944	PSI
(B) First Initial Flow Pressure	43	44	PSI
(C) First Final Flow Pressure	64	63	PSI
(D) Initial Closed-in Pressure	500	504	PSI
(E) Second Initial Flow Pressure	74	81	PSI
(F) Second Final Flow Pressure	117	118	PSI
(G) Final Closed-in Pressure	447	449	PSI
(H) Final Hydrostatic Mud	1,924	1,935	PSI

10994
22348
BOTTOM

#120





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud		PSI
(B) First Initial Flow Pressure		PSI
(C) First Final Flow Pressure		PSI
(D) Initial Closed-in Pressure		PSI
(E) Second Initial Flow Pressure		PSI
(F) Second Final Flow Pressure		PSI
(G) Final Closed-in Pressure		PSI
(H) Final Hydrostatic Mud		PSI

CRUDE OIL TESTING COMPANY

P.O. Box 2260

Colorado Springs, Colorado 80901

(303) 473-6909

Date 1/7/80

Test Ticker No. 120

Recorder No. Kuster AK-1 #10991

Capacity 4,200 P.S.I.

Location 3,812 Ft.

Clock No. 16067

Elevation 2,656 K.B.

Well Temperature 107 °F

Point	Pressure		Field Time	Time Computed
A Initial Hydrostatic Mud	<u>1,944</u> P.S.I.	Open Tool	<u>11:45</u> P M	
B First Initial Flow Pressure	<u>44</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u> </u> Mins.
C First Final Flow Pressure	<u>63</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u> </u> Mins.
D Initial Closed-in Pressure	<u>504</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u> </u> Mins.
E Second Initial Flow Pressure	<u>81</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u> </u> Mins.
F Second Final Flow Pressure	<u>118</u> P.S.I.			
G Final Closed-in Pressure	<u>449</u> P.S.I.			
H Final Hydrostatic Mud	<u>1,935</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>12</u> Inc.	
of <u>5</u> mins. and a		of <u>5</u> mins. and a		of <u>5</u> mins. and a		of <u>5</u> mins. and a	
final inc. of <u> </u> Min.		final inc. of <u> </u> Min.		final inc. of <u> </u> Min.		final inc. of <u> </u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 00	<u>44</u>	<u>00</u>	<u>63</u>	<u>00</u>	<u>81</u>	<u>00</u>	<u>118</u>
P 2 05	<u>47</u>	<u>05</u>	<u>238</u>	<u>05</u>	<u>83</u>	<u>05</u>	<u>215</u>
P 3 10	<u>48</u>	<u>10</u>	<u>374</u>	<u>10</u>	<u>83</u>	<u>10</u>	<u>309</u>
P 4 15	<u>53</u>	<u>15</u>	<u>418</u>	<u>15</u>	<u>86</u>	<u>15</u>	<u>359</u>
P 5 20	<u>57</u>	<u>20</u>	<u>441</u>	<u>20</u>	<u>88</u>	<u>20</u>	<u>385</u>
P 6 25	<u>60</u>	<u>25</u>	<u>460</u>	<u>25</u>	<u>90</u>	<u>25</u>	<u>402</u>
P 7 30	<u>63</u>	<u>30</u>	<u>471</u>	<u>30</u>	<u>92</u>	<u>30</u>	<u>411</u>
P 8		<u>35</u>	<u>478</u>	<u>35</u>	<u>94</u>	<u>35</u>	<u>420</u>
P 9		<u>40</u>	<u>483</u>	<u>40</u>	<u>96</u>	<u>40</u>	<u>430</u>
P10		<u>45</u>	<u>490</u>	<u>45</u>	<u>100</u>	<u>45</u>	<u>441</u>
P11		<u>50</u>	<u>495</u>	<u>50</u>	<u>102</u>	<u>50</u>	<u>445</u>
P12		<u>55</u>	<u>502</u>	<u>55</u>	<u>105</u>	<u>55</u>	<u>448</u>
P13		<u>60</u>	<u>504</u>	<u>60</u>	<u>106</u>	<u>60</u>	<u>449</u>
P14				<u>65</u>	<u>108</u>		
P15				<u>70</u>	<u>110</u>		
P16				<u>75</u>	<u>112</u>		
P17				<u>80</u>	<u>115</u>		
P18				<u>85</u>	<u>115</u>		
P19				<u>90</u>	<u>118</u>		
P20							



TEST REPORT

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Colorado Springs, CO 80901

Test Ticket No. 121
Company A. Scott Ritchie Date 1/8/80
Company Address 125 N. Market Suite #950, Wichita No. of Charts 5
Location: Sec. 17 Twp. 6 Rge. 26 Co. Sheridan State Kansas
Well Name And Number Shipley #1 Tester John J. Schmidt
Contractor Murfin Rig No. 16 Co. Rep. Don D. Strong

Formation Lansing Zone _____ Type of Test Conventional

DST# 3 Interval 3,821 To 3,837 Total Depth 3,837
Open 30 Shut IN 30 Open 30 Shut In 30
Packer(s) Set 2:12 ^{A.M.} Started off Bottom 4:15 ^{P.M.}
Blow Weak Blow Dead in 13 Min. of First Opening

Recovery Total Feet 5
Recovered 5 Ft. of Rotary Mud Few Oil Specks
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Gravity (Oil) _____ Corrected To Temp. _____
Water Chlorides _____

Pressures & Temp. (Office Reading if Applicable)
Initial Hydrostatic Pressure 1,913 Final Hydrostatic Pressure 1,934
Initial Closed In Pressure 351 Final Closed In Pressure 319
Initial Flow Pressure 21 To 21 Final Flow Pressure 21 To 21
Test Area Temperature 105°

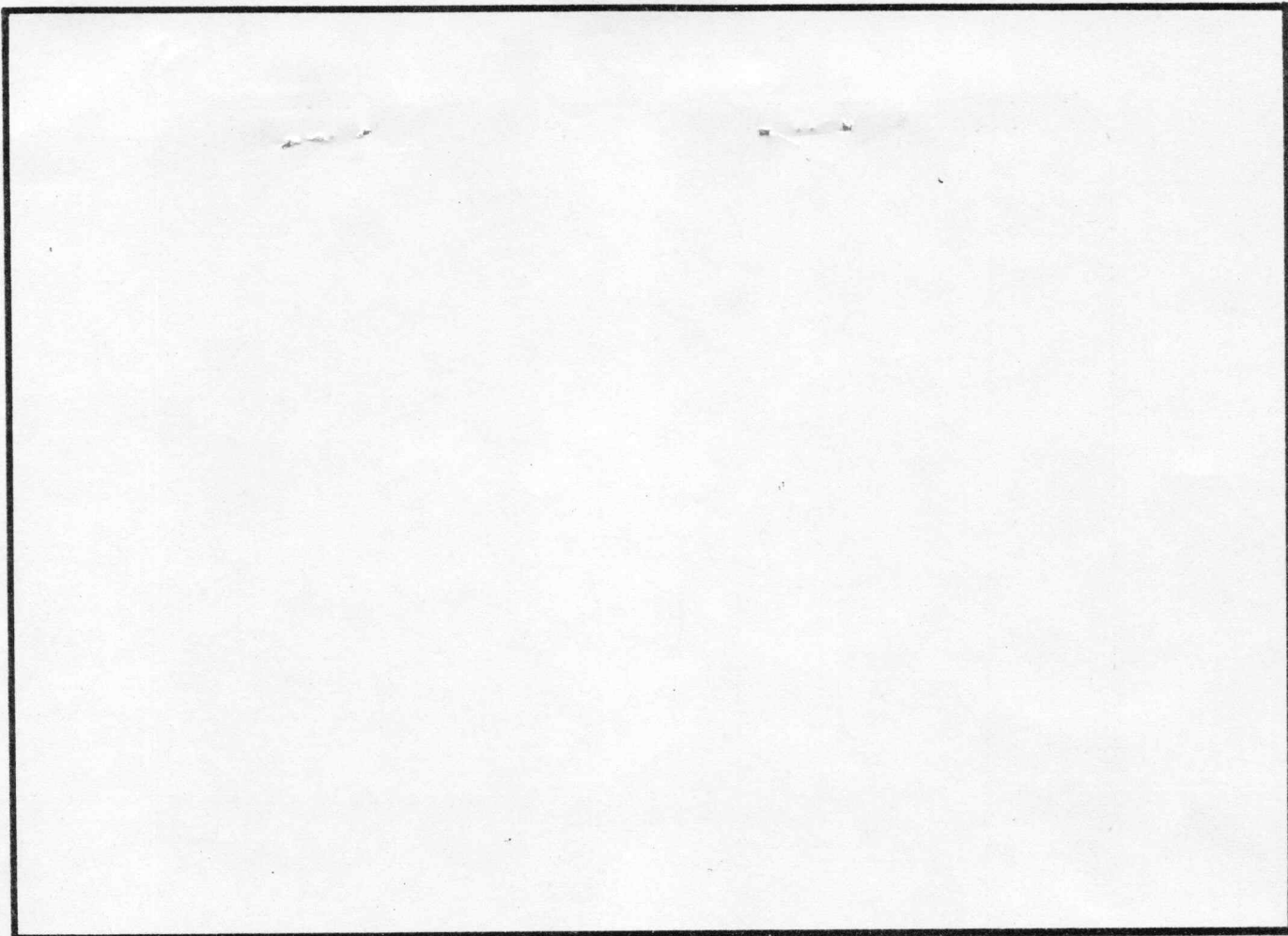
Engineering Date

Elevation 2,656 K.B.
Mud Viscosity 43 Mud Weight 9.4 Water Loss 9.0
Chlorides 1,800 P.P.M. Type of Mud Chemical
Hole Size 7 7/8 Casing Size 8 5/8 Anchor Length 16
Drill Pipe Length 2,828 I.D. 3.8 In. Weight Pipe Length 893 I.D. 2.76 In.
Drill Collar Length 114 I.D. 2 1/4 In.
Surface Choke 3/4 Bottom Choke 3/4
Top Packer Depth. 3,821 Bottom Packer Depth. _____ Packer Size 6 3/4
Test Tool Size 5 1/2 In. Tool Joint Size 4 1/2 FH-3 1/2 FH In.
Did Well Flow No Reversed Out No
Recorder Type and No. Kuster 10991 Clock Range 12 Hr. No. 16067
Recorder Type and No. Kuster 10994 Clock Range 12 Hr. No. 22348
Extra Equipment None
Remarks Thank You!

10991
16467
10P

#121



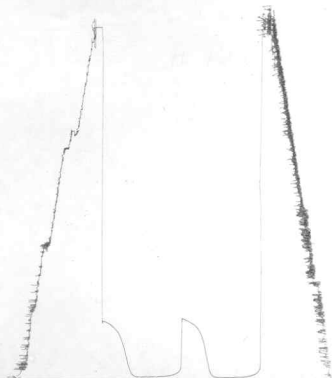


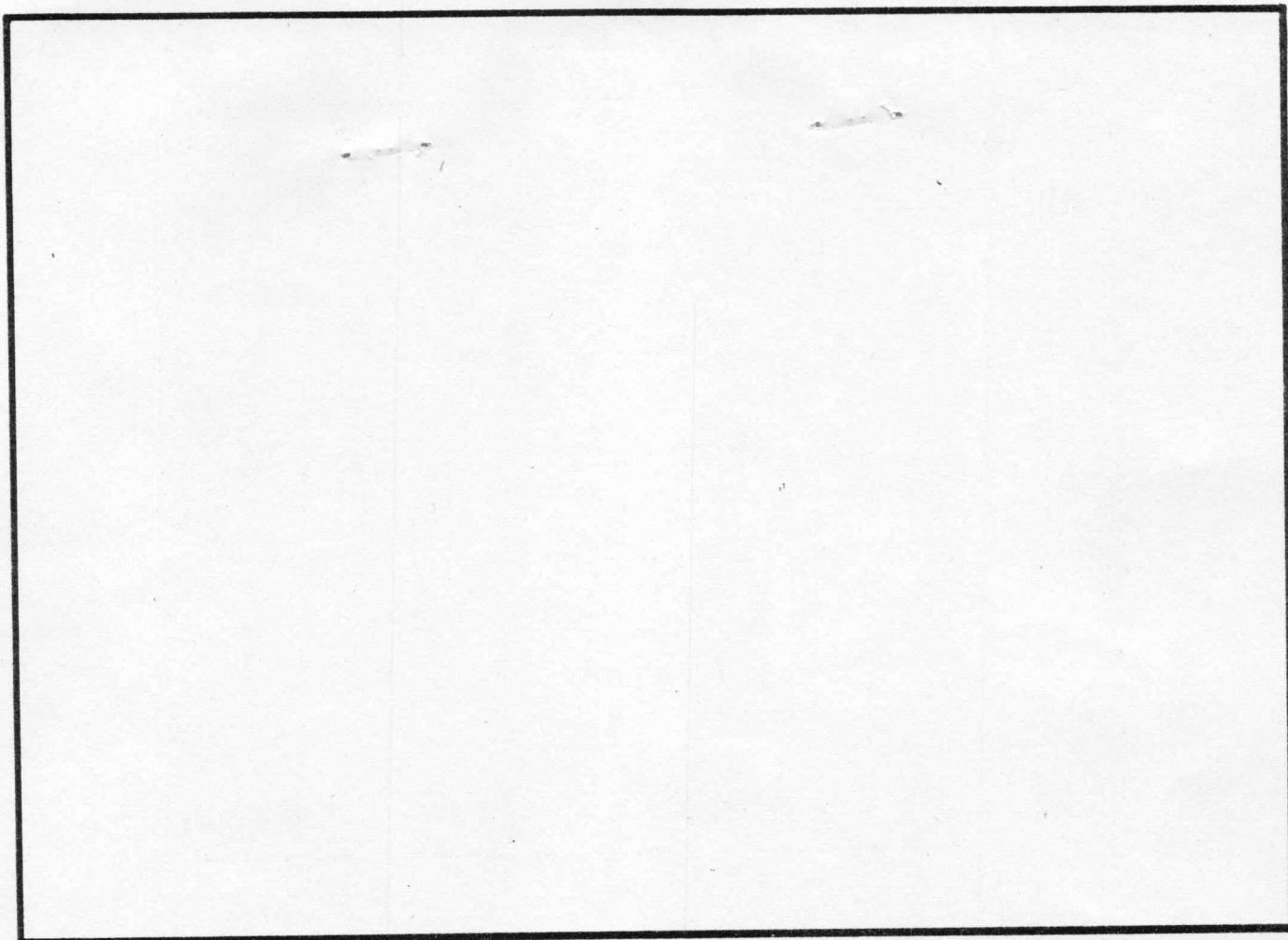
This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1,913	1,940
(B) First Initial Flow Pressure	21	15
(C) First Final Flow Pressure	21	23
(D) Initial Closed-in Pressure	351	346
(E) Second Initial Flow Pressure	21	23
(F) Second Final Flow Pressure	21	23
(G) Final Closed-in Pressure	319	323
(H) Final Hydrostatic Mud	1,934	1,935

10994
22348
BOTTOM

#121





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud		PSI
(B) First Initial Flow Pressure		PSI
(C) First Final Flow Pressure		PSI
(D) Initial Closed-in Pressure		PSI
(E) Second Initial Flow Pressure		PSI
(F) Second Final Flow Pressure		PSI
(G) Final Closed-in Pressure		PSI
(H) Final Hydrostatic Mud		PSI



TEST REPORT

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Test Ticket No. 122
Company A. Scott Ritchie Date 1/9/80
Company Address 125 N. Market Suite #950, Wichita No. of Charts 5
Location: Sec. 17 Twp. 6 Rge. 26 Co. Sheridan State Kansas
Well Name And Number Shipley #1 Tester John J. Schmidt
Contractor Murfin Rig No. 16 Co. Rep. Don D. Strong

Formation Lansing Zone _____ Type of Test Conventional

DST# 4 Interval 3,849 To 3,924 Total Depth 3,924
Open 30 Shut IN 30 Open 30 Shut In 30
Packer(s) Set 6:27 AM Started off Bottom 8:30 AM
Blow Weak Blow Dead in 15 Min. of 1st Opening

Recovery Total Feet 5
Recovered 5 Ft. of Rotary Mud
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Gravity (Oil) _____ Corrected To Temp. _____
Water Chlorides _____

Pressures & Temp.

(Office Reading if
Applicable)

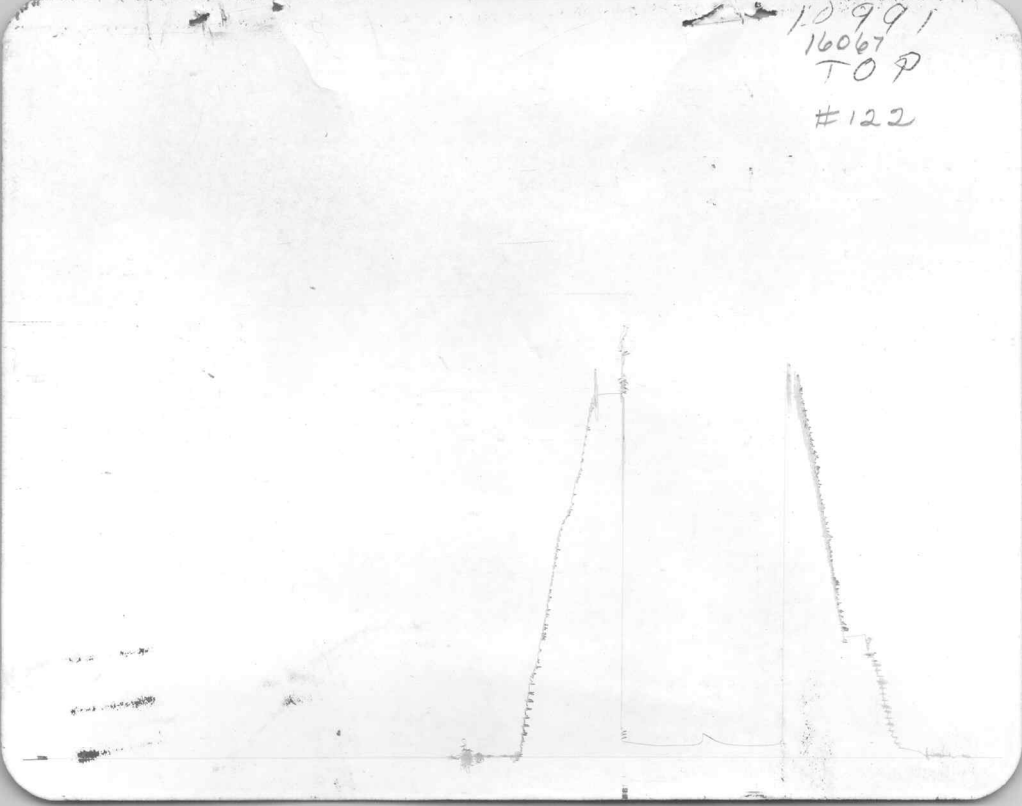
Initial Hydrostatic Pressure 2,019 Final Hydrostatic Pressure 1,998
Initial Closed In Pressure 138 Final Closed In Pressure 85
Initial Flow Pressure 64 To 64 Final Flow Pressure 64 To 64
Test Area Temperature 105

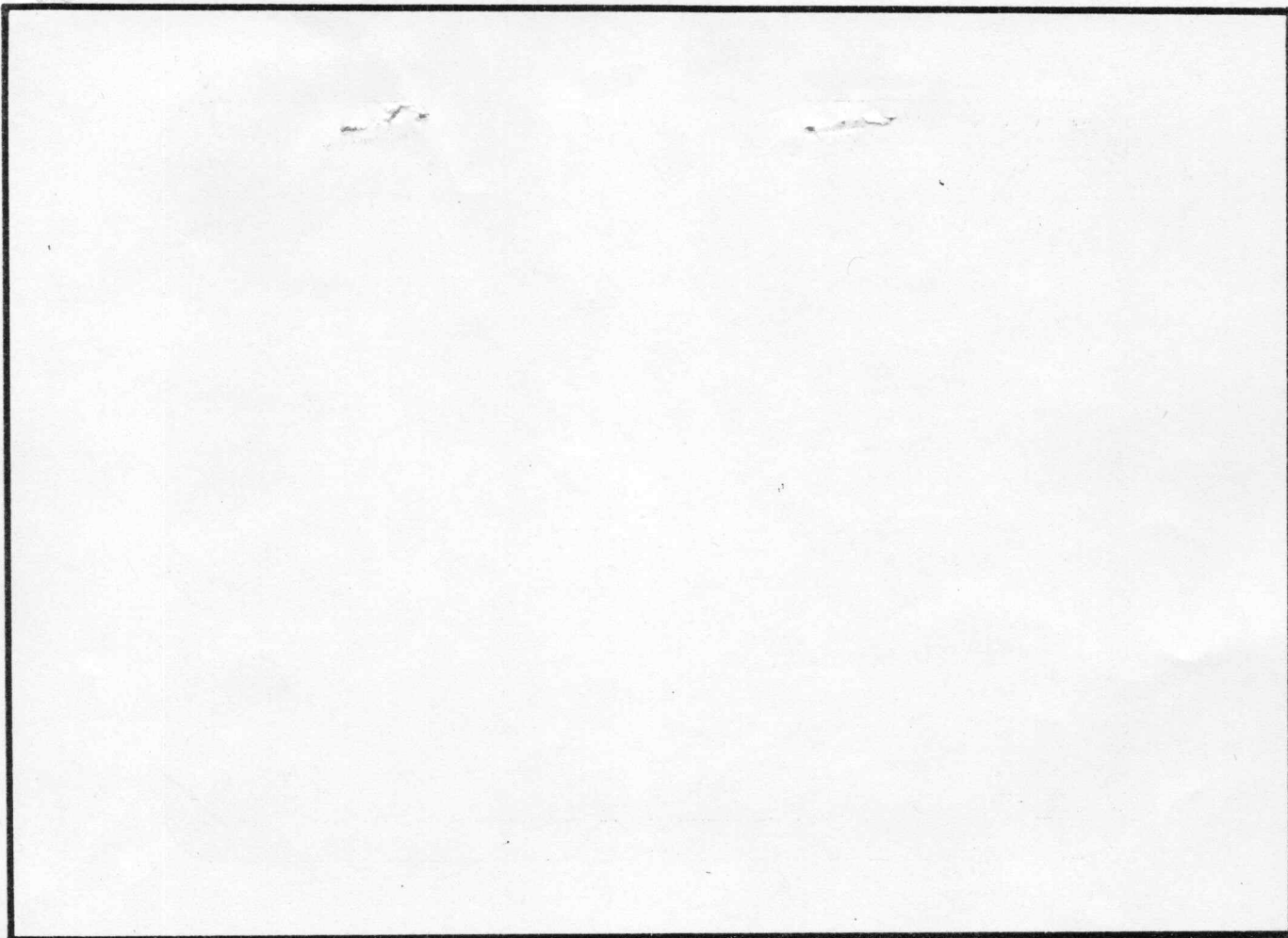
Engineering Date

Elevation 2,656 K.B.
Mud Viscosity 48 Mud Weight 9.5 Water Loss 10.5
Chlorides 1,800 P.P.M. Type of Mud Chemical
Hole Size 7 7/8 Casing Size 8 5/8 Anchor Length 75
Drill Pipe Length 2,830 I.D. 3.8 In. Weight Pipe Length 893 I.D. 2.76 In.
Drill Collar Length 114 I.D. 2 1/4 In.
Surface Choke 3/4 Bottom Choke 3/4
Top Packer Depth. 3,844 Bottom Packer Depth. 3,849 Packer Size 6 3/4
Test Tool Size 5 1/2 In. Tool Joint Size 4 1/2 FH - 3 1/2 FH In.
Did Well Flow No Reversed Out No
Recorder Type and No. Kuster 10991 Clock Range 12 Hr. No. 16067
Recorder Type and No. Kuster 10994 Clock Range 12 Hr. No. 22348
Extra Equipment None
Remarks Thank you!

10991
16067
TOP

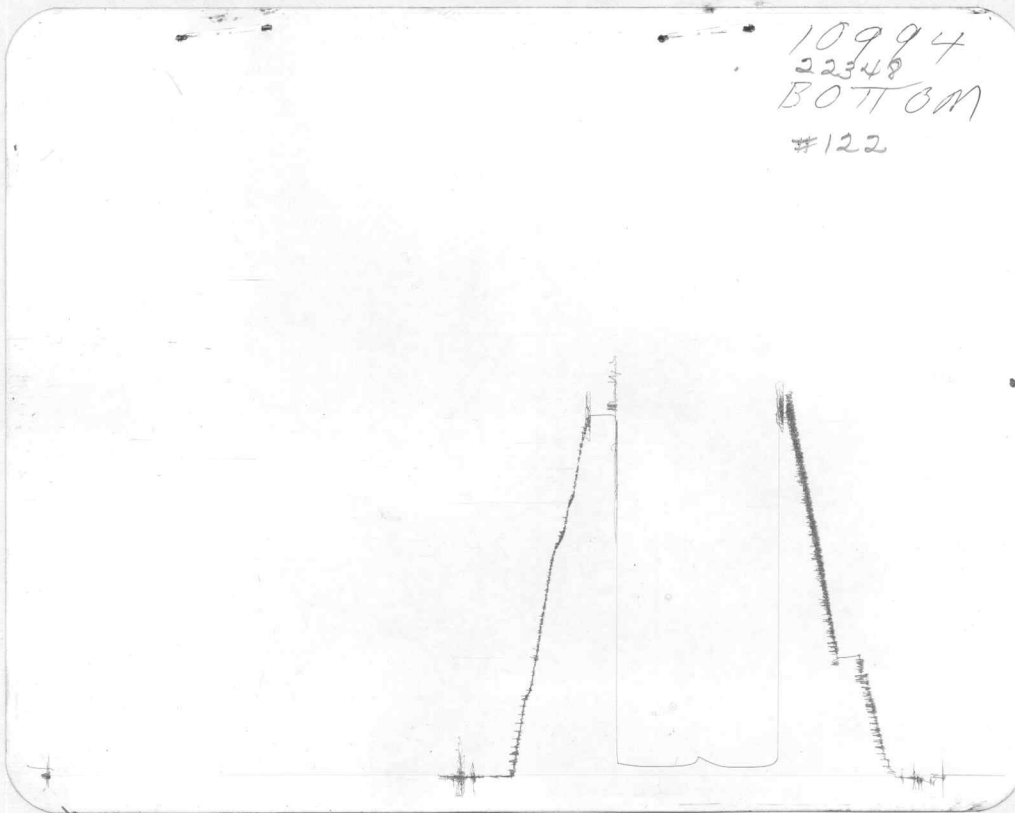
#122





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2,019	PSI
(B) First Initial Flow Pressure	64	PSI
(C) First Final Flow Pressure	64	PSI
(D) Initial Closed-in Pressure	138	PSI
(E) Second Initial Flow Pressure	64	PSI
(F) Second Final Flow Pressure	64	PSI
(G) Final Closed-in Pressure	85	PSI
(H) Final Hydrostatic Mud	1,998	PSI



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud		PSI
(B) First Initial Flow Pressure		PSI
(C) First Final Flow Pressure		PSI
(D) Initial Closed-in Pressure		PSI
(E) Second Initial Flow Pressure		PSI
(F) Second Final Flow Pressure		PSI
(G) Final Closed-in Pressure		PSI
(H) Final Hydrostatic Mud		PSI