



Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

Company Vincent Oil Corporation Lease & Well No. Kasselman #2
Elevation 2095 Ground Level Formation Conglomerate Chert Effective Pay - Ft. Ticket No. 12653
Date 9/30/81 Sec. 10 Twp. 23S Range 17W County Pawnee State Kansas
Test Approved by W. Bryce Bidleman Western Representative Ray Schwager

Formation Test No. I Interval Tested from 4175 ft. to 4213 ft. Total Depth 4213 ft.
Packer Depth 4170 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 4175 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4176 ft. Recorder Number 1369 Cap. 4375
Bottom Recorder Depth (Outside) 4179 ft. Recorder Number 13270 Cap. 4375
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Slawson Drlg. Rig #1 Drill Collar Length 370 I. D. 2.2 in.
Mud Type poly-pac Viscosity 68 Weight Pipe Length 31 I. D. 2.7 in.
Weight 9.2 Water Loss 13 cc. Drill Pipe Length 3750 I. D. 3.8 in.
Chlorides 18,000 P.P.M. Test Tool Length 24 ft. Tool Size 4 1/2 in.

Jars: Make - Serial Number - Anchor Length 38 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No Surface Choke Size 5/8 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Initial flow period decreasing weak blow. Final flow period no blow.

Blow: Initial flow period decreasing weak blow. Final flow period no blow.

Recovered 80 ft. of mud
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks:

Time Set Packer(s) 5:50 A.M. Time Started Off Bottom 8:50 A.M. Maximum Temperature ?
Initial Hydrostatic Pressure 2039 P.S.I.
Initial Flow Period 30 Minutes (B) 57 P.S.I. to (C) 55 P.S.I.
Initial Closed In Period 60 Minutes (D) 1982 P.S.I.
Final Flow Period 30 Minutes (E) 81 P.S.I. to (F) 81 P.S.I.
Final Closed In Period 63 Minutes (G) 336 P.S.I.
Final Hydrostatic Pressure 2018 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

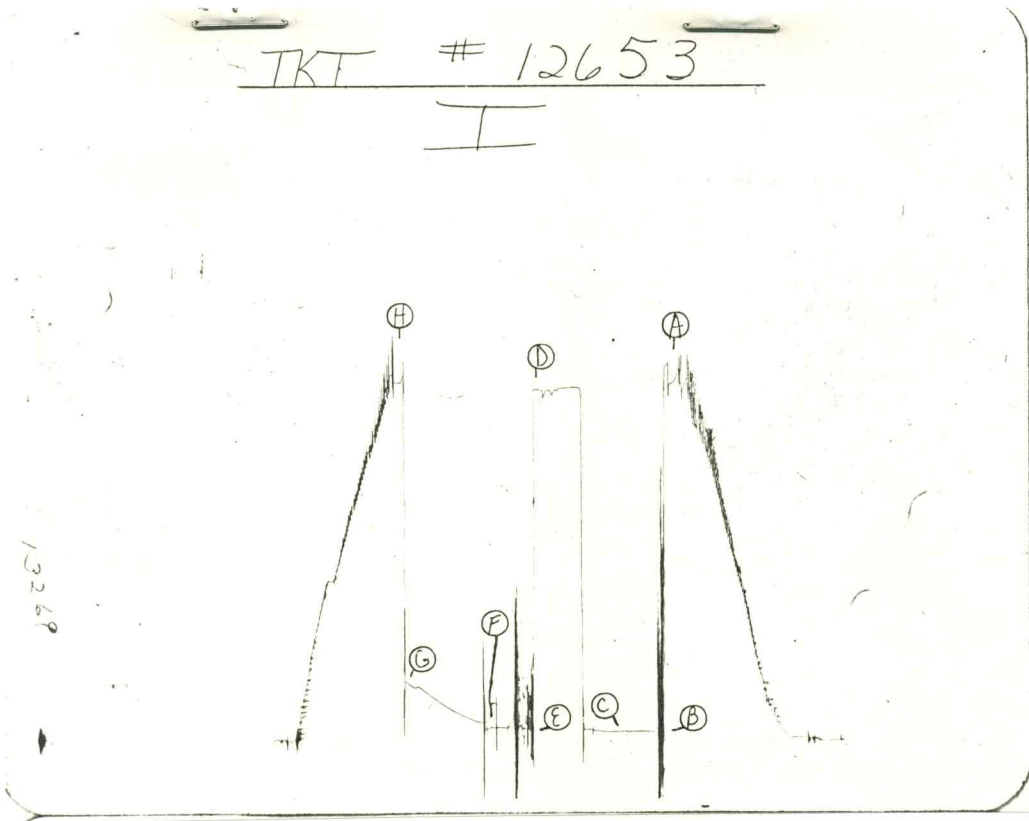
Date 9/30/81 Recorder No. 13269 Capacity 4375 Test Ticket No. 12653
 Location 4176 Ft. Clock No. - Elevation 2095 Ground Level Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>2039</u>	P.S.I.	<u>5:50A</u>	<u>M</u>
B First Initial Flow Pressure	<u>57</u>	P.S.I.	<u>30</u>	<u>30</u> Mins.
C First Final Flow Pressure	<u>55</u>	P.S.I.	<u>60</u>	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1982</u>	P.S.I.	<u>30</u>	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>81</u>	P.S.I.	<u>60</u>	<u>63</u> Mins.
F Second Final Flow Pressure	<u>81</u>	P.S.I.		
G Final Closed-in Pressure	<u>336</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2018</u>	P.S.I.		

ALL PRESSURES QUESTIONABLE

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>21</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>57</u>	<u>0</u>	<u>55</u>	<u>0</u>	<u>81</u>	<u>0</u>	<u>81</u>
P 2 <u>5</u>	<u>57</u>	<u>3</u>	<u>56</u>	<u>5</u>	<u>81</u>	<u>3</u>	<u>73</u>
P 3 <u>10</u>	<u>57</u>	<u>6</u>	<u>57</u>	<u>10</u>	<u>81</u>	<u>6</u>	<u>107</u>
P 4 <u>15</u>	<u>57</u>	<u>9</u>	<u>58</u>	<u>15</u>	<u>81</u>	<u>9</u>	<u>110</u>
P 5 <u>20</u>	<u>56</u>	<u>12</u>	<u>59</u>	<u>20</u>	<u>81</u>	<u>12</u>	<u>115</u>
P 6 <u>25</u>	<u>55</u>	<u>15</u>	<u>61</u>	<u>25</u>	<u>81</u>	<u>15</u>	<u>123</u>
P 7 <u>30</u>	<u>55</u>	<u>18</u>	<u>68</u>	<u>30</u>	<u>81</u>	<u>18</u>	<u>133</u>
P 8		<u>21</u>	<u>68</u>			<u>21</u>	<u>144</u>
P 9		<u>24</u>	<u>452</u>			<u>24</u>	<u>155</u>
P10		<u>27</u>	<u>1991</u>			<u>27</u>	<u>167</u>
P11		<u>30</u>	<u>1992</u>			<u>30</u>	<u>178</u>
P12		<u>33</u>	<u>1990</u>			<u>33</u>	<u>193</u>
P13		<u>36</u>	<u>1988</u>			<u>36</u>	<u>207</u>
P14		<u>39</u>	<u>1988</u>			<u>39</u>	<u>224</u>
P15		<u>42</u>	<u>1980</u>			<u>42</u>	<u>239</u>
P16		<u>45</u>	<u>1968</u>			<u>45</u>	<u>256</u>
P17		<u>48</u>	<u>1975</u>			<u>48</u>	<u>274</u>
P18		<u>51</u>	<u>1972</u>			<u>51</u>	<u>292</u>
P19		<u>54</u>	<u>1977</u>			<u>54</u>	<u>311</u>
P20		<u>57</u>	<u>1980</u>			<u>57</u>	<u>305</u>
WTC - 4		<u>60</u>	<u>1982</u>			<u>60</u>	<u>318</u>
						<u>63</u>	<u>336</u>



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	-	2039 PSI
(B) First Initial Flow Pressure	-	57 PSI
(C) First Final Flow Pressure	-	55 PSI
(D) Initial Closed-in Pressure	-	1982 PSI
(E) Second Initial Flow Pressure	-	81 PSI
(F) Second Final Flow Pressure	-	81 PSI
(G) Final Closed-in Pressure	-	336 PSI
(H) Final Hydrostatic Mud	-	2018 PSI

Sun Oil Well Cementing, Inc.

DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	Kasselman	Well No.	2	Date	9/30/81
County	Pawnee Sec. 10	Twp. 23s	Rng. 17w	Elevation	
Company	Vincent Oil Corporation	Test No.	2	Zone Tested	Conglomerate Chert
Contractor	Slawson #1	Ticket #	4892Tx	Tester	Richard Farmer
Charge To	Vincent Oil Corporation				
Approved By	W. Bryce Diddleman				

Initial Hydro Mud Press. ----- P.S.I.

Initial Flow Press. ----- To ----- P.S.I. Initial Flow Period ----- Min.

Initial Shut-in Press. ----- P.S.I. Initial Shut-in ----- Min.

Final Flow Press. ----- To ----- P.S.I. Final Flow Period ----- Min.

Final Shut-in Press. ----- P.S.I. Final Shut-in ----- Min.

Final Hydro Mud Press. ----- P.S.I. TIME TOOL OPEN 4:30 PM

Temperature -----

Mud Weight 9.3 Viscosity 46

Fluid Loss 16.4

Interval Tested 4175 To 4213

Top Packer Depth 4170 Surface Choke Size -----

Bottom Packer Depth 4175 Bottom Choke Size 5/8

Total Depth 4213 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 FH Wt ----- Rubber Size 6 3/4

Drill Collar I.D. 2 1/4 Ft. Run 370'

Blow -----

Recovery -----

Packer Failure -----

Sun Oil Well Cementing, Inc.

DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	Kasselman	Well No.	2	Date	10/1/1981
County	Pawnee Sec. 10	Twp. 23s	Rng. 17w	Elevation	
Company	Vincent Oil Corporation	Test No.	3	Zone Tested	Conglomerate Chert
Contractor	Slawson #1	Ticket #	1:15 AM	Tester	Richard S. Farmer
Charge To	Vincent Oil Corporation				
Approved By	W. Bryce Bidleman				

Initial Hydro Mud Press. 2127 P.S.I.

Initial Flow Press. 95 To 71 P.S.I. Initial Flow Period 30 Min.

Initial Shut-in Press. 309 P.S.I. Initial Shut-in 45 Min.

Final Flow Press. 95 To 71 P.S.I. Final Flow Period 30 Min.

Final Shut-in Press. 226 P.S.I. Final Shut-in 45 Min.

Final Hydro Mud Press. 2116 P.S.I. TIME TOOL OPEN 1:15AM

Temperature --

Mud Weight 9.3 Viscosity 46

Fluid Loss 16.4

Interval Tested 4156 To 4213

Top Packer Depth 4151 Surface Choke Size

Bottom Packer Depth 4156 Bottom Choke Size 5/8

Total Depth 4213 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 FH Wt -- Rubber Size 6 3/4

Drill Collar I.D. 2 1/2 XH Ft. Run 370'

Blow 1st open: weak blow 1 1/2" under, died in 18 min. through out. 2nd open:
No Blow, flushed tool, got a surge but no blow through out FFP

Recovery

70' Drilling mud

Slid tool 10' to bottom

Sun Oil Well Cementing, Inc.

DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	Kasselman	Well No.	2	Date	10/1/81
County	Pawnee Sec. 10	Twp.	23s Rng. 17w	Elevation	
Company	Vincent Oil Corporation	Test No.	4	Zone Tested	Kinderhook Sand
Contractor	Slawson #1	Ticket #	4894Tx	Tester	Richard S. Farmer
Charge To	Vincent Oil Corporation				
Approved By	W. Bryce Bridleman				

Initial Hydro Mud Press. 2163 P.S.I.

Initial Flow Press. -- To -- P.S.I. Initial Flow Period 30 Min.

Initial Shut-in Press. 416 P.S.I. Initial Shut-in 60 Min.

Final Flow Press. 59 To 47 P.S.I. Final Flow Period 30 Min.

Final Shut-in Press. 226 P.S.I. Final Shut-in 60 Min.

Final Hydro Mud Press. 2151 P.S.I. TIME TOOL OPEN 6:15 PM

Temperature --

Mud Weight 9.3 Viscosity 45

Fluid Loss 15.2

Interval Tested 4113 To 4232

Top Packer Depth 4208 Surface Choke Size

Bottom Packer Depth 4213 Bottom Choke Size 5/8

Total Depth 4232 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 FH Wt -- Rubber Size 6 3/4

Drill Collar I.D. 2 1/4 XH Ft. Run 370"

Blow 1st open: weak blow 1 1/2" under died at the end of IFP. 2nd open: no blow, flushed tool- no surge flushed tool again-got a surge, but no blow, through out FFP.

Recovery

60' Drilling mud

Slid tool 8' to bottom. Plugging action on IFP

Sun Oil Well Cementing, Inc.

DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	Kasselman	Well No.	2	Date	10/2/81
County	Pawnee Sec. 10	Twp. 23s	Rng. 17w	Elevation	
Company	Vincent Oil Corporation	Test No.	5	Zone Tested	Mississippian
Contractor	Slawson #1	Ticket #	4895Tx	Tester	Richard S. Farmer
Charge To	Vincent Oil Corporation				
Approved By	W. Bryce Bidleman				

Initial Hydro Mud Press. ----- P.S.I.

Initial Flow Press. ----- To ----- P.S.I. Initial Flow Period ----- Min.

Initial Shut-in Press. ----- P.S.I. Initial Shut-in ----- Min.

Final Flow Press. ----- To ----- P.S.I. Final Flow Period ----- Min.

Final Shut-in Press. ----- P.S.I. Final Shut-in ----- Min.

Final Hydro Mud Press. ----- P.S.I. TIME TOOL OPEN -----

Temperature -----

Mud Weight 9.3 Viscosity 44

Fluid Loss 13.6

Interval Tested 4249 To 4300

Top Packer Depth 4244 Surface Choke Size -----

Bottom Packer Depth 4249 Bottom Choke Size 5/8

Total Depth 4300 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 FH Wt ----- Rubber Size 6 3/4

Drill Collar I.D. 2 1/2 XH Ft. Run 370'

Blow -----

Recovery -----

Solid bridge 600' off bottom

Sun Oil Well Cementing, Inc.

DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	Kasselman	Well No.	2	Date	10/3/81
County	Pawnee Sec. 10	Twp. 23s	Rng. 17w	Elevation	
Company	Vincent Oil Corporation			Test No.	6
Contractor	Slawson #1			Zone Tested	Mississippi
Charge To	Vincent Oil Corporation			Ticket #	4896Tx
Approved By	W. Bryce Bidleman			Tester	Richard Farmer

Initial Hydro Mud Press. ----- P.S.I.

Initial Flow Press. ----- To ----- P.S.I. Initial Flow Period ----- Min.

Initial Shut-in Press. ----- P.S.I. Initial Shut-in ----- Min.

Final Flow Press. ----- To ----- P.S.I. Final Flow Period ----- Min.

Final Shut-in Press. ----- P.S.I. Final Shut-in ----- Min.

Final Hydro Mud Press. ----- P.S.I. TIME TOOL OPEN -----

Temperature -----

Mud Weight 9.3 Viscosity 43

Fluid Loss 13.6

Interval Tested 4249 To 4300

Top Packer Depth 4244 Surface Choke Size -----

Bottom Packer Depth 4249 Bottom Choke Size 5/8

Total Depth 4300 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 FH Wt ----- Rubber Size 6 3/4

Drill Collar I.D. 2 1/4 XH Ft. Run 370'

Blow -----

Recovery -----

Packer Failure -----

Sun Oil Well Cementing, Inc.

DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	Kasselman	Well No.	2	Date	10/4/81
County	Pawnee Sec. 10	Twp. 23s	Rng. 17w	Elevation	Straddle Test
Company	Vincent Oil Corporation			Test No.	7
Contractor	Slawson #1			Zone Tested	Kinder hook
Charge To	Vincent Oil Corporation			Ticket #	4897Tx
Approved By	W. Bryce Bidleman			Tester	Richard S. Farmer Kenneth McGuirk

Initial Hydro Mud Press. ----- P.S.I.

Initial Flow Press. ----- To ----- P.S.I. Initial Flow Period ----- 45 ----- Min.

Initial Shut-in Press. ----- P.S.I. Initial Shut-in ----- 60 ----- Min.

Final Flow Press. ----- To ----- P.S.I. Final Flow Period ----- 30 ----- Min.

Final Shut-in Press. ----- P.S.I. Final Shut-in ----- 60 ----- Min.

Final Hydro Mud Press. ----- P.S.I. TIME TOOL OPEN ----- 11:45 AM

Temperature -----

Mud Weight ----- 9.2 ----- Viscosity ----- 45 -----

Fluid Loss ----- 10.8 -----

Interval Tested ----- 4263 ----- To ----- 4304 -----
Extra Packer 4258

Top Packer Depth ----- 4263 ----- Surface Choke Size -----

Bottom Packer Depth ----- 4304 ----- Bottom Choke Size ----- 5/8 -----
Rigs RTD 4360

Total Depth ----- Log 4354 ----- Main Hole Size ----- 7 7/8 -----

Drill Pipe Size ----- 4 1/2 FH ----- Wt ----- Rubber Size ----- 6 3/4 -----

Drill Collar I.D. ----- 2 1/2 ----- Ft. Run ----- 370' -----

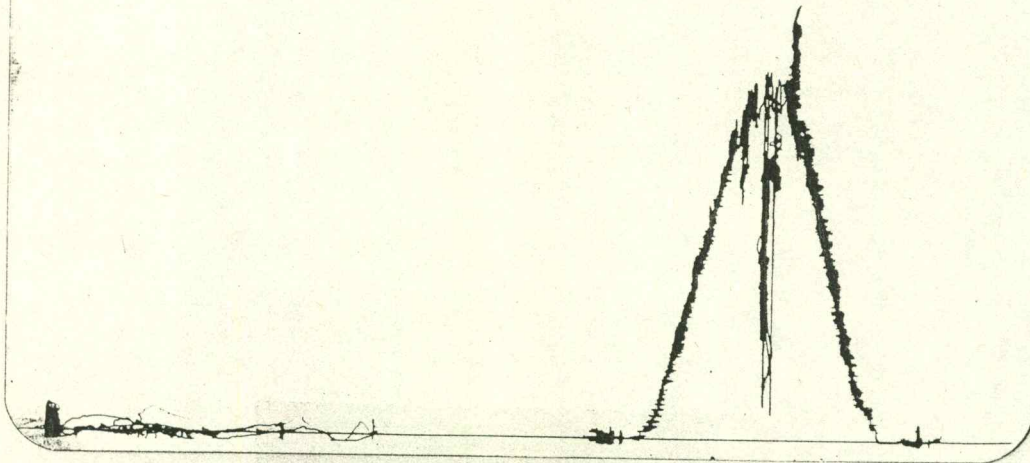
Blow ----- 1st opening: weak blow, 2" under died in 41 min. 2nd open: very weak blow,
1/2" under died in 13 min. -----

Recovery -----
90' drilling mud -----

Invalid Charts

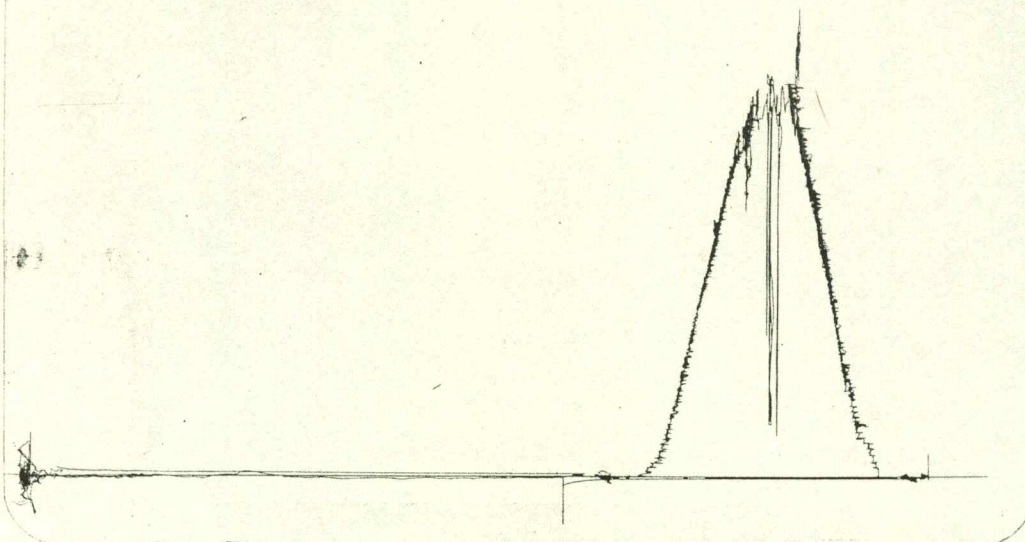
TOP

13212 Top Dst #2
TN 4892



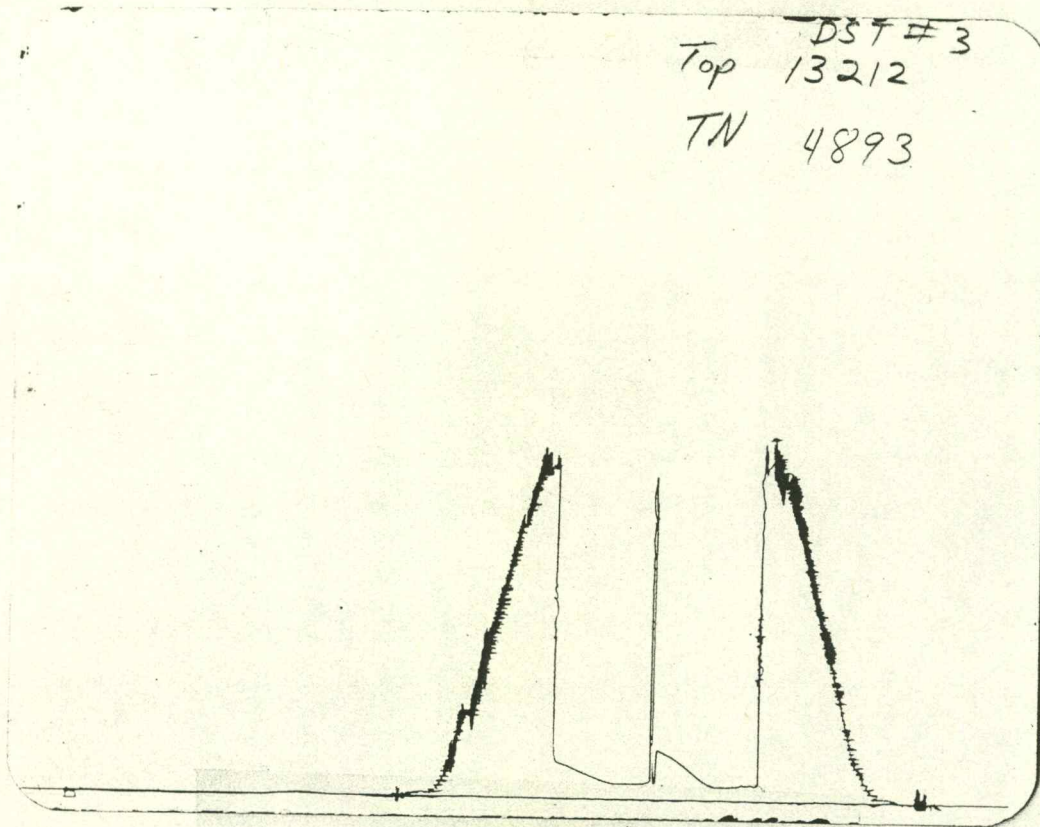
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Bottom 11027 Dst #2
TN 4892



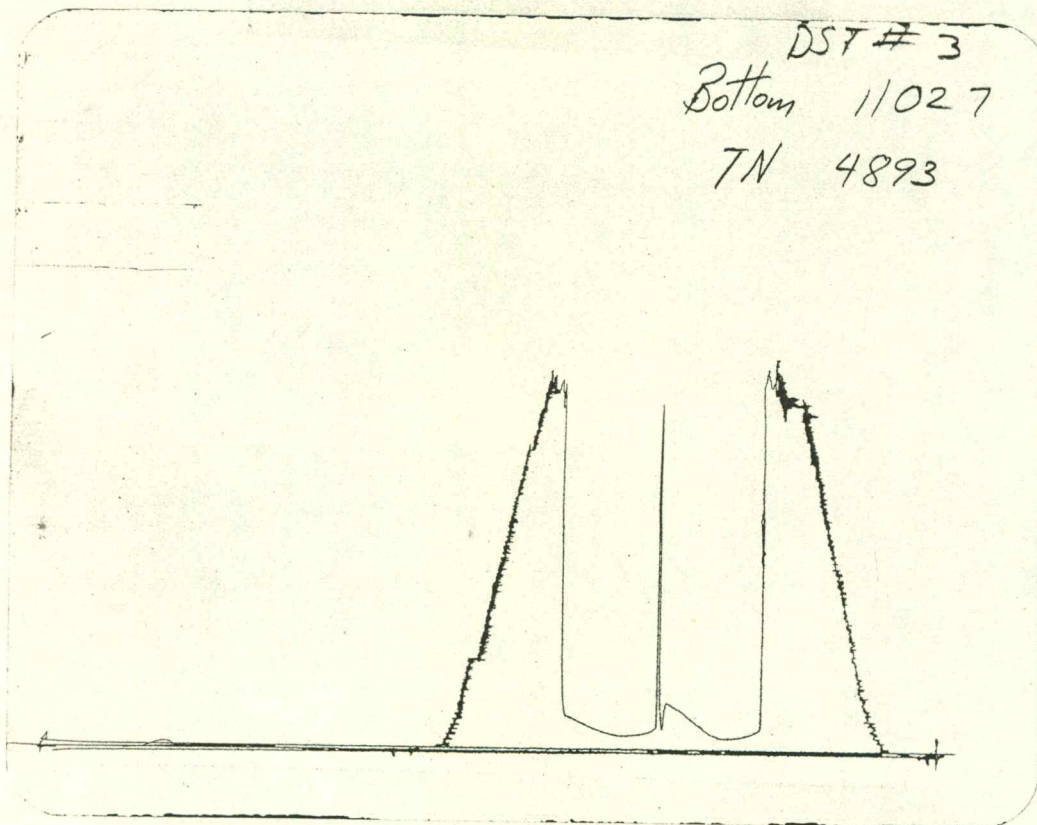
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DST # 3
Top 13212
TN 4893

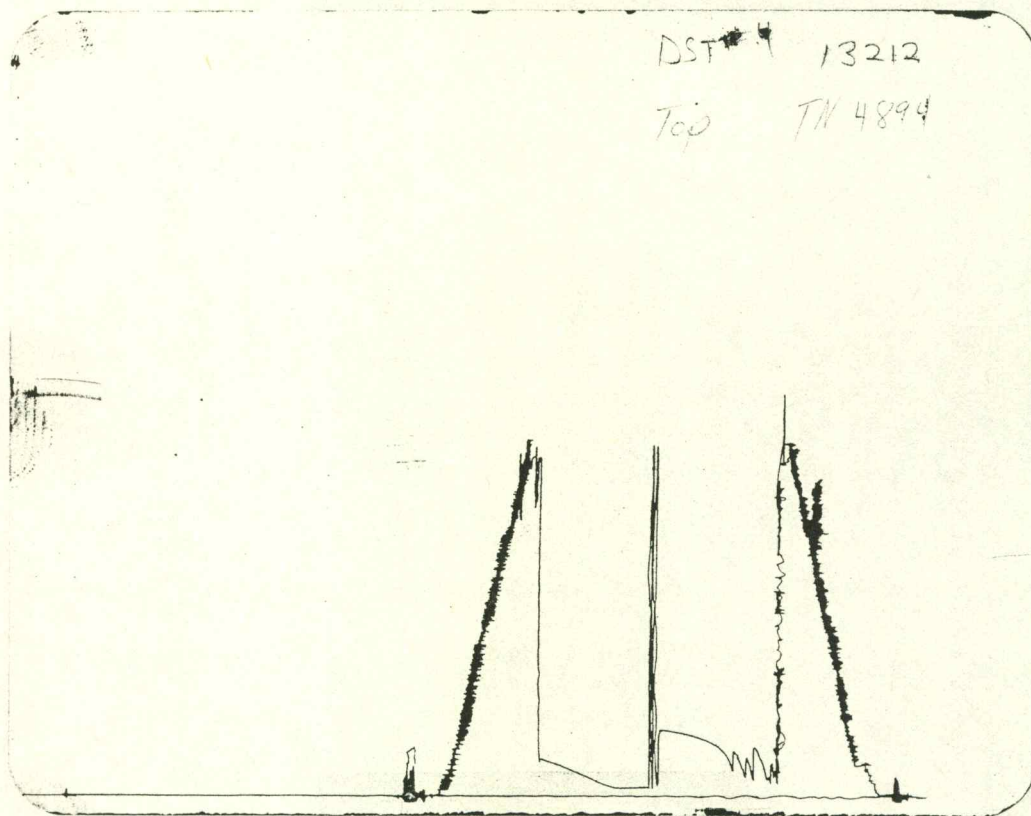


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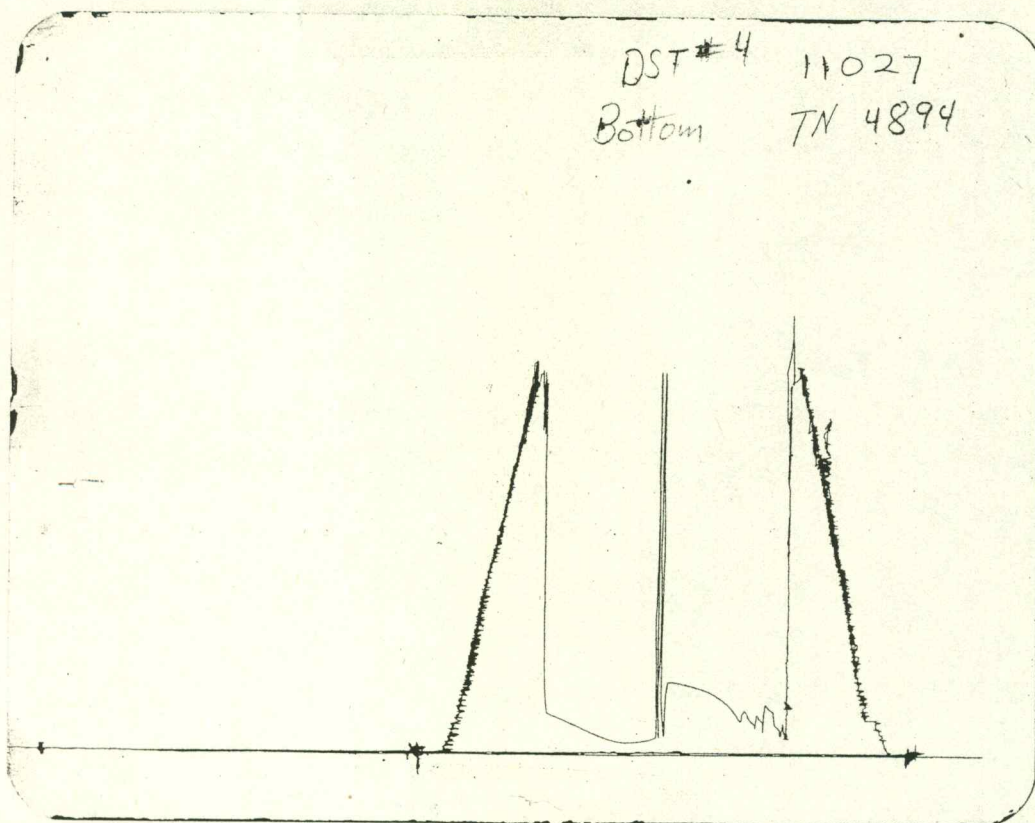
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Bottom 11027
TN 4893



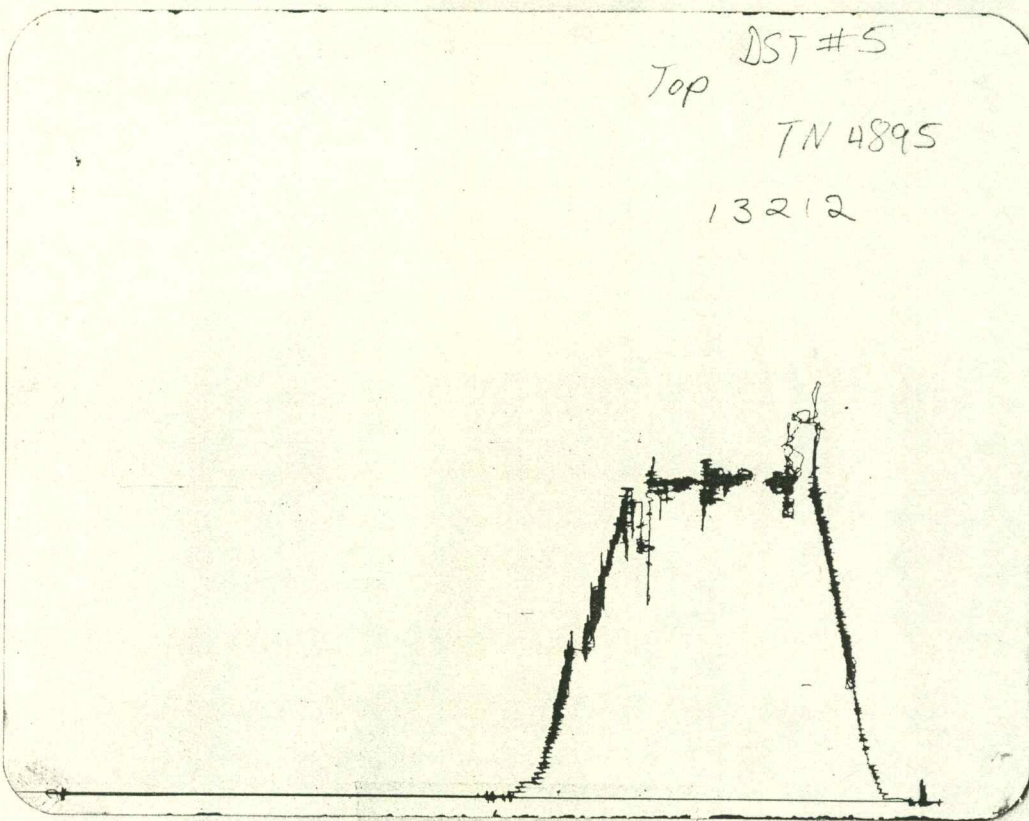
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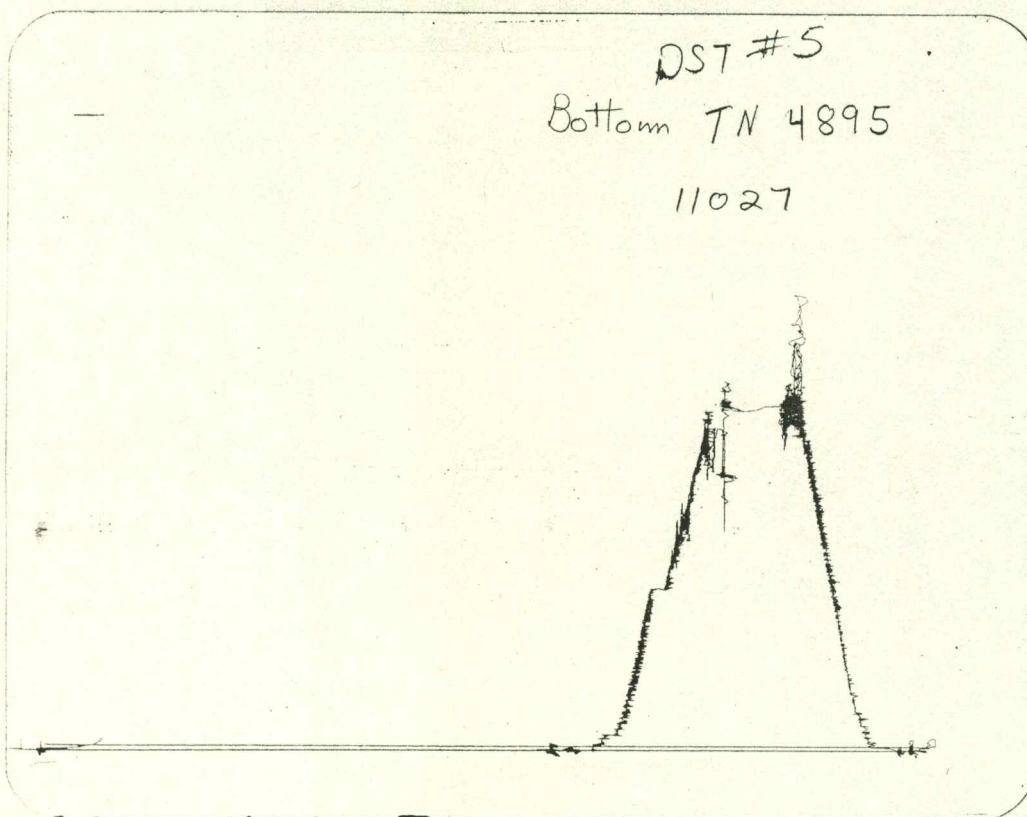
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TOP

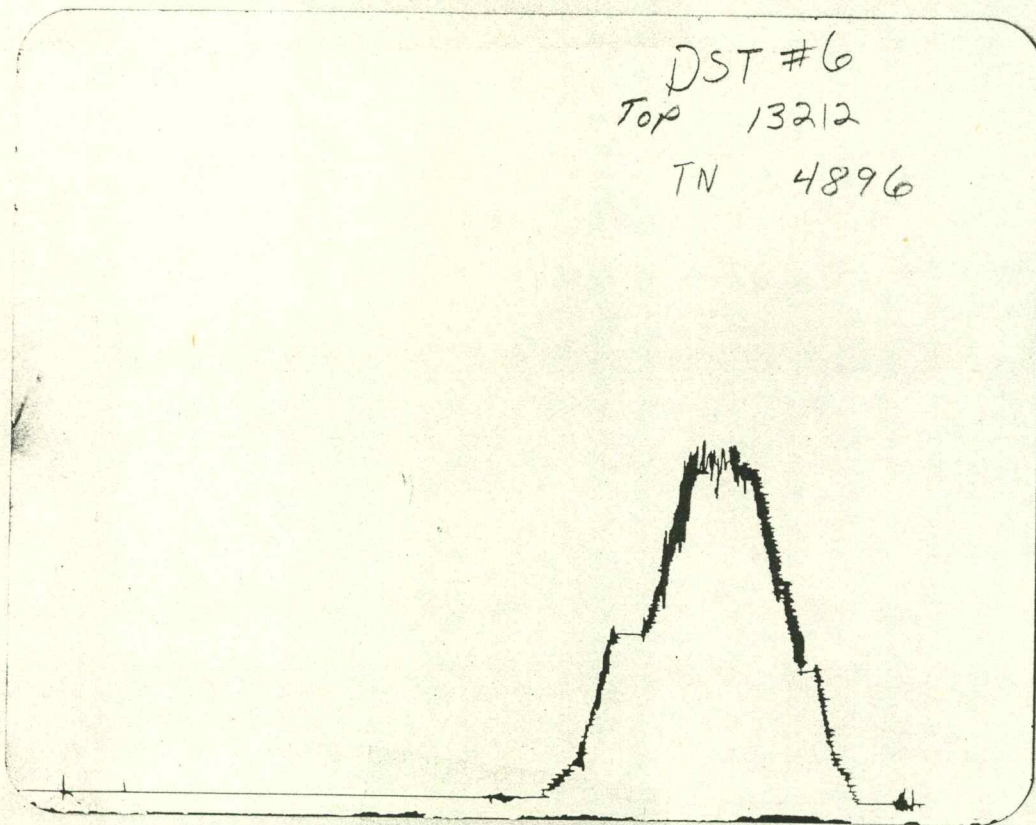


BOTTOM



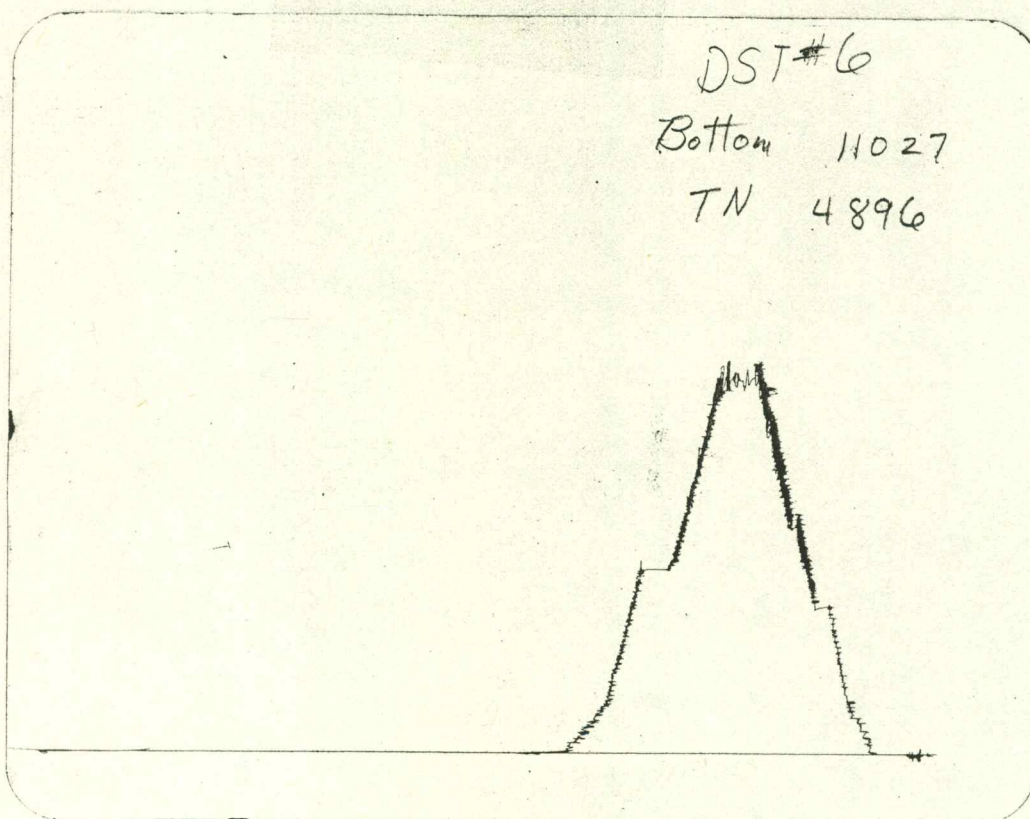
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DST #6
Top 13212
TN 4896



BOTTOM

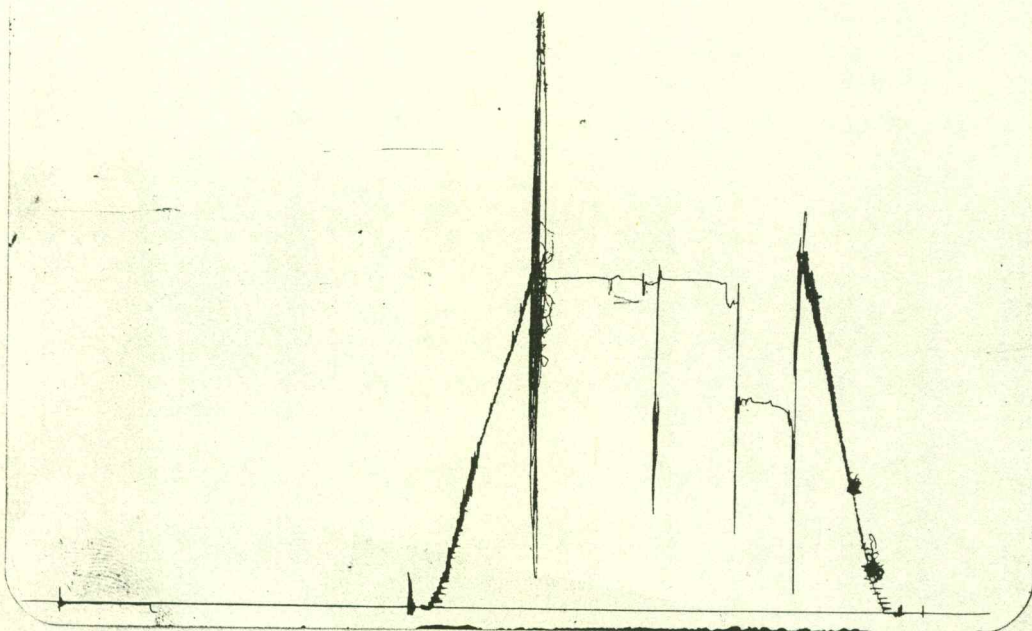
DST #6
Bottom 11027
TN 4896



TOP

DST #7 Top 13212

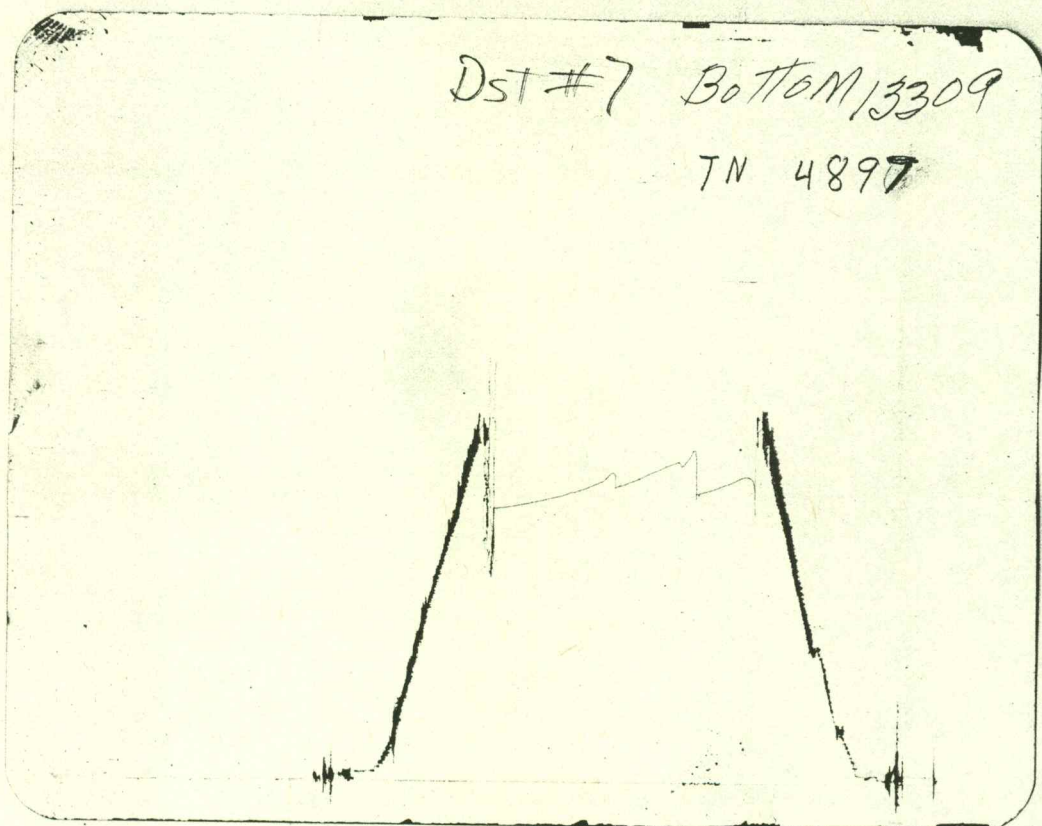
TN 4897



BOTTOM

DST #7 Bottom 13309

TN 4897

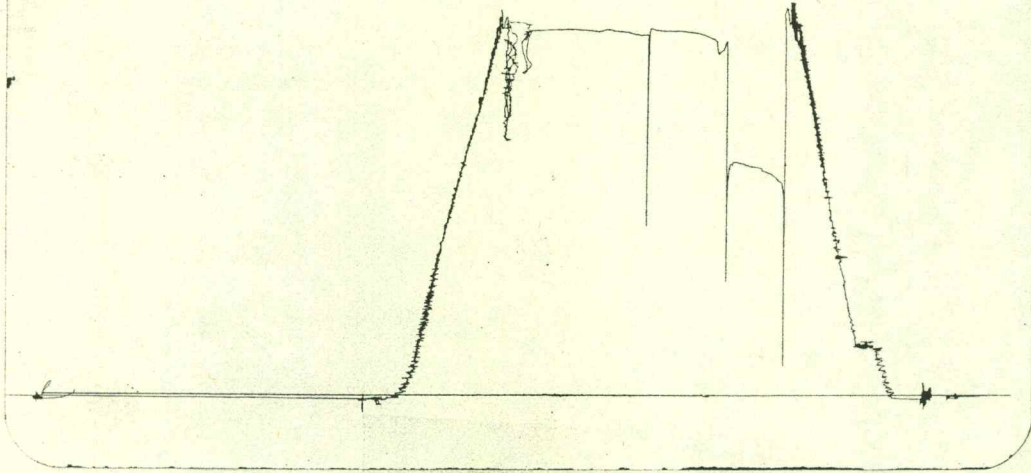


TOP

EXTRA Packer

DST#7 TOP 11027

TN 4897



BOTTOM