



Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Petroleum, Inc. Lease & Well No. #1 McDonald "I"
Elevation 2280 Ground Level Est. Mississippi Effective Pay - Ft. Ticket No. 8497
Date 12-19-80 Sec. 36 Twp. 27S Range 20W County Kiowa State Kansas
Test Approved by Ted Jochems, Jr. Western Representative Rod Tritt
Formation Test No. 1 Interval Tested from 4844 ft. to 4885 ft. Total Depth 4885 ft.
Packer Depth 4839 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4844 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4848 ft. Recorder Number 2606 Cap. 4150
Bottom Recorder Depth (Outside) 4851 ft. Recorder Number 4332 Cap. 4200
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor DNB Drilling Co Rig #2 Drill Collar Length - I. D. - in.
Mud Type Drispac Viscosity 48 Weight Pipe Length 668 I. D. 2 1/2 in.
Weight 9.4 Water Loss 12.0 cc. Drill Pipe Length 4148 I. D. 3.8 in.
Chlorides 18,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 OD in.
Jars: Make WTC Serial Number 408 Anchor Length 41 ft. Size 5 1/2 OD in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Weak blow. Died in thirty minutes on initial flow period. No blow final flow period.

Recovered 60 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set	Packer(s)	<u>11:15</u>	<u>A.M.</u>	Time Started Off Bottom	<u>1:20</u>	<u>A.M.</u>	Maximum Temperature	<u>120</u>
			<u>P.M.</u>			<u>P.M.</u>		
Initial Hydrostatic Pressure				(A)	<u>2397</u>		P.S.I.	
Initial Flow Period				Minutes	<u>30</u>	(B)	<u>44</u>	P.S.I. to (C) <u>37</u> P.S.I.
Initial Closed In Period				Minutes	<u>30</u>	(D)	<u>41</u>	P.S.I.
Final Flow Period				Minutes	<u>30</u>	(E)	<u>39</u>	P.S.I. to (F) <u>37</u>
Final Closed In Period				Minutes	<u>33</u>	(G)	<u>58</u>	P.S.I.
Final Hydrostatic Pressure				(H)	<u>2341</u>		P.S.I.	

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WESTERN TESTING CO., INC.

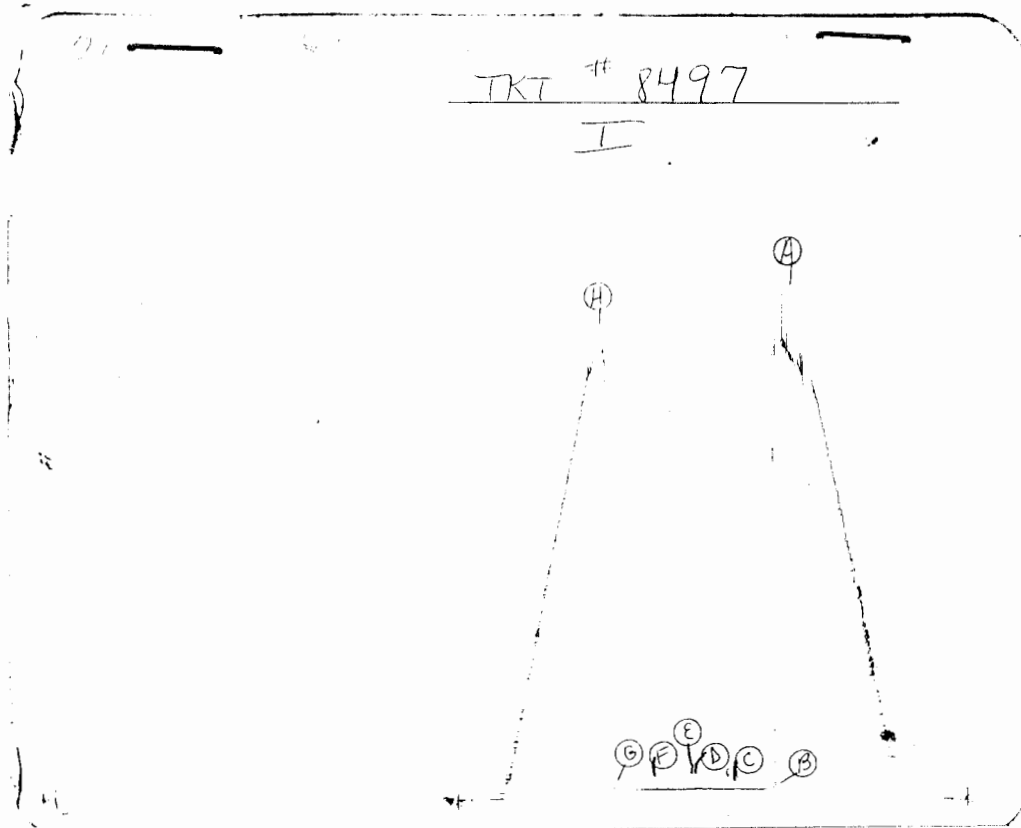
Pressure Data

Date 12-19-80 Recorder No. 2606 Capacity 4150 Test Ticket No. 8497
 Location 4848 Ft.
 Clock No. - Elevation 2280 Ground Level Well Temperature 120 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2397 P.S.I.	11:15P	M
B First Initial Flow Pressure	44 P.S.I.	35 Mins	30 Mins.
C First Final Flow Pressure	37 P.S.I.	30 Mins	30 Mins.
D Initial Closed-in Pressure	41 P.S.I.	30 Mins	30 Mins.
E Second Initial Flow Pressure	39 P.S.I.	30 Mins	33 Mins.
F Second Final Flow Pressure	37 P.S.I.		
G Final Closed-in Pressure	58 P.S.I.		
H Final Hydrostatic Mud	2341 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>11</u> Inc. of <u>3</u> mins. and a 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>44</u>	<u>0</u>	<u>37</u>	<u>0</u>	<u>39</u>	<u>0</u>	<u>37</u>
P 2 <u>5</u>	<u>40</u>	<u>3</u>	<u>37</u>	<u>5</u>	<u>38</u>	<u>3</u>	<u>37</u>
P 3 <u>10</u>	<u>37</u>	<u>6</u>	<u>37</u>	<u>10</u>	<u>38</u>	<u>6</u>	<u>37</u>
P 4 <u>15</u>	<u>37</u>	<u>9</u>	<u>37</u>	<u>15</u>	<u>37</u>	<u>9</u>	<u>37</u>
P 5 <u>20</u>	<u>37</u>	<u>12</u>	<u>37</u>	<u>20</u>	<u>37</u>	<u>12</u>	<u>37</u>
P 6 <u>25</u>	<u>37</u>	<u>15</u>	<u>37</u>	<u>25</u>	<u>37</u>	<u>15</u>	<u>37</u>
P 7 <u>30</u>	<u>37</u>	<u>18</u>	<u>38</u>	<u>30</u>	<u>37</u>	<u>18</u>	<u>37</u>
P 8		<u>21</u>	<u>38</u>			<u>21</u>	<u>37</u>
P 9		<u>24</u>	<u>39</u>			<u>24</u>	<u>37</u>
P10		<u>27</u>	<u>40</u>			<u>27</u>	<u>41</u>
P11		<u>30</u>	<u>41</u>			<u>30</u>	<u>48</u>
P12						<u>33</u>	<u>58</u>
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2397	2397	PSI
(B) First Initial Flow Pressure	31	44	PSI
(C) First Final Flow Pressure	20	37	PSI
(D) Initial Closed-in Pressure	31	41	PSI
(E) Second Initial Flow Pressure	20	39	PSI
(F) Second Final Flow Pressure	20	37	PSI
(G) Final Closed-in Pressure	52	58	PSI
(H) Final Hydrostatic Mud	2344	2341	PSI



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Company Petroleum, Inc. Lease & Well No. #1 McDonald "I"
Elevation 2280 Ground Level Est. Formation Mississippi Effective Pay - Ft. Ticket No. 8236
Date 12-20-80 Sec. 36 Twp. 27S Range 20W County Kiowa State Kansas
Test Approved by Ted Jochems, Jr. Western Representative Dave Sloan
Formation Test No. 2 Interval Tested from 4885 ft. to 4895 ft. Total Depth 4895 ft.
Packer Depth 4880 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4885 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4886 ft. Recorder Number 2604 Cap. 4150
Bottom Recorder Depth (Outside) 4892 ft. Recorder Number 6246 Cap. 5200
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor DNB Drilling Rig #2 Drill Collar Length - I. D. - in.
Mud Type Lig-Drispac Viscosity 51 Weight Pipe Length 668 I. D. 3.2 in.
Weight 9.4 Water Loss 12.0 cc. Drill Pipe Length 4088 I. D. 3.8 in.
Chlorides 18,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 OD in.
Jars: Make WTC Serial Number 408 Anchor Length 10 ft. Size 5 1/2 OD in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Weak-dying 20 minutes into initial flow period. Very weak blow final flow period. Dead
in three minutes.

Recovered 140 ft. of drilling mud

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: MISRUN - Plugged anchor solid. Slid tool 25' to bottom.

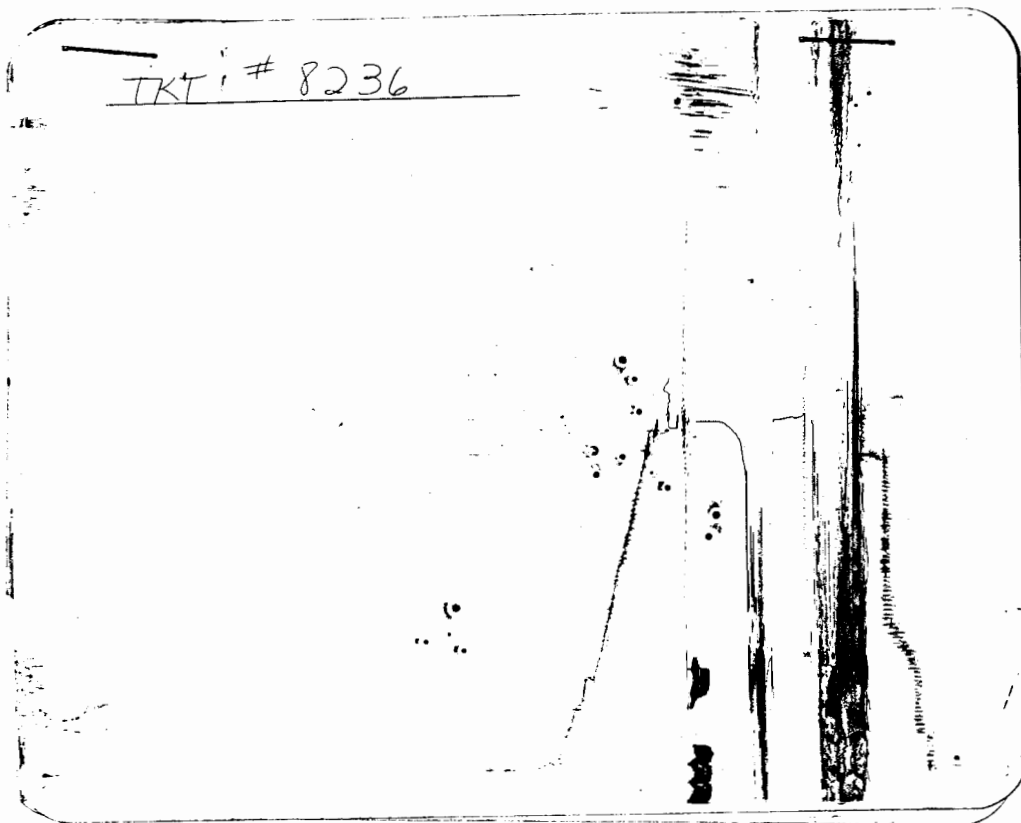
NO PRESSURES AVAILABLE

Time Set Packer(s) 4:05 A.M. Time Started Off Bottom 6:05 A.M. Maximum Temperature -
Initial Hydrostatic Pressure - (A) - P.S.I.
Initial Flow Period - Minutes (B) - P.S.I. to (C) - P.S.I.
Initial Closed In Period - Minutes (D) - P.S.I.
Final Flow Period - Minutes (E) - P.S.I. to (F) - P.S.I.
Final Closed In Period - Minutes (G) - P.S.I.
Final Hydrostatic Pressure - (H) - P.S.I.

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POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	MISRUN - NO PRESSURES AVAILABLE		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



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Company Petroleum, Inc. Lease & Well No. McDonald "I" #1
Elevation 2291 Kelly Bushing Mississippi Formation Effective Pay - Ft. Ticket No. 8219
Date 12-22-80 Sec. 36 Twp. 27S Range 20W County Kiowa State Kansas
Test Approved by Ted Jochems, Jr. Western Representative Rodger A Mounts
Formation Test No. 3 Interval Tested from 4876 ft. to 4906 ft. Total Depth 4910 ft.
Packer Depth 4835 ft. Size 6 3/4 in. Packer Depth 4871 ft. Size 6 3/4 in.
Packer Depth 4876 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4881 ft. Recorder Number 1566 Cap. 4300
Bottom Recorder Depth (Outside) 4891 ft. Recorder Number 3086 Cap. 4500
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor DNB Drilling Rig #2 Drill Collar Length - I. D. - in.
Mud Type Drispac Viscosity 55 Weight Pipe Length 667 I. D. 3.2 in.
Weight 9.1 Water Loss 9.6 cc. Drill Pipe Length 4182 I. D. 3.8 in.
Chlorides 18,000 P.P.M. Test Tool Length 31 ft. Tool Size 5 1/2 OD in.
Jars: Make WTC Serial Number 419 Anchor Length 30 ft. Size 5 1/2 OD in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: _____

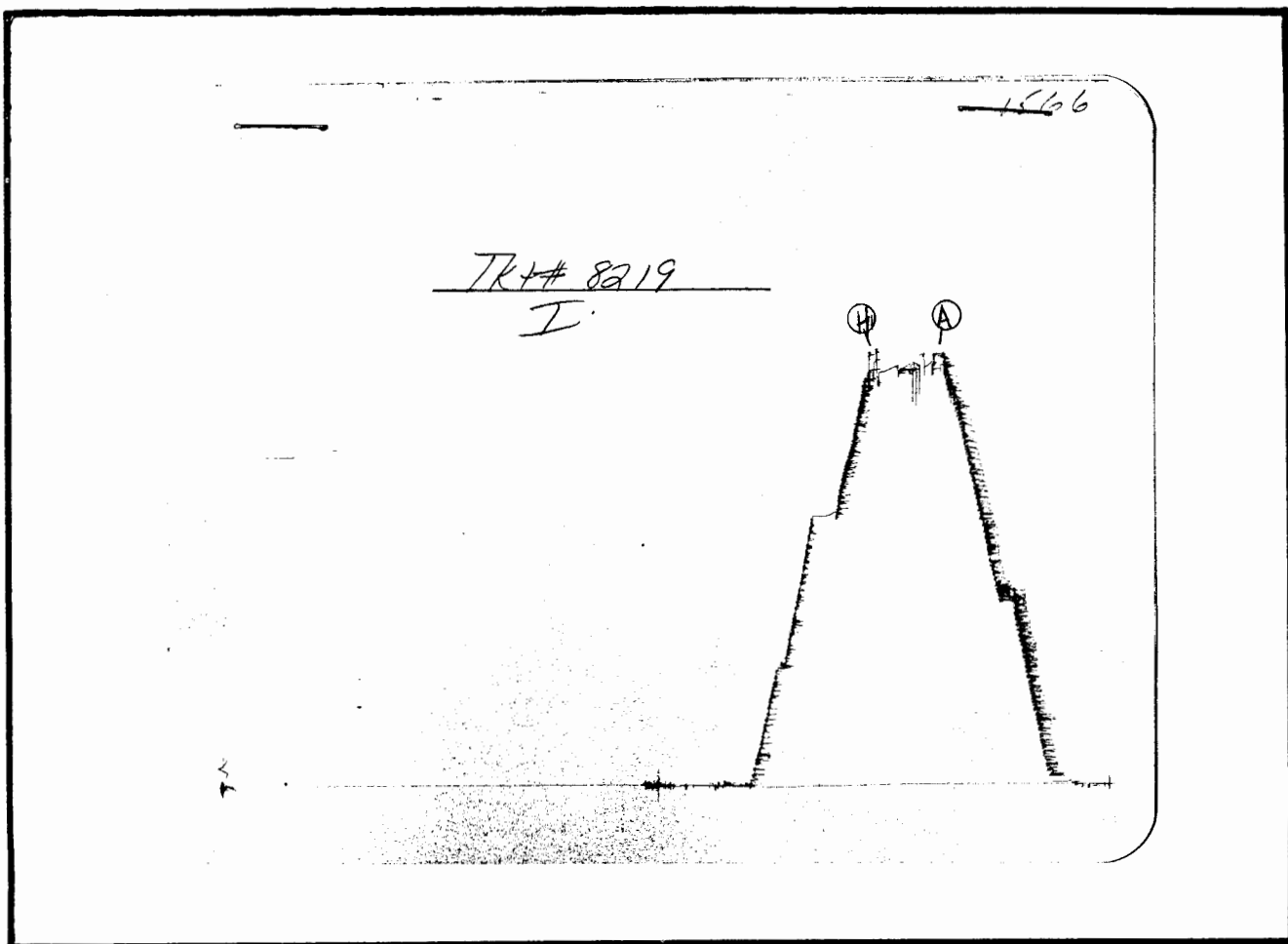
MISRUN

Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks: No Packer Seat. MISRUN

Time Set Packer(s) - A.M. Time Started Off Bottom 9:45 P.M. Maximum Temperature -
Initial Hydrostatic Pressure _____ (A) 2443 P.S.I.
Initial Flow Period _____ Minutes _____ (B) - P.S.I. to (C) - P.S.I.
Initial Closed In Period _____ Minutes _____ (D) - P.S.I.
Final Flow Period _____ Minutes _____ (E) - P.S.I. to (F) - P.S.I.
Final Closed In Period _____ Minutes _____ (G) - P.S.I.
Final Hydrostatic Pressure _____ (H) 2443 P.S.I.

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This is an actual photograph of recorder chart.

MISRUN

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	—	2443 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	—	2443 PSI



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Company Petroleum, Inc. Lease & Well No. McDonald "I" #1
Elevation 2291 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 8220
Date 12-23-80 Sec 36 Twp 27S Range 20W County Kiowa State Kansas
Test Approved by Ted Jochems, Jr. Western Representative Rodger A Mounts
Formation Test No. 4 Interval Tested from 4885 ft. to 4910 ft. Total Depth 4910 ft.
Packer Depth 4880 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4885 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4895 ft. Recorder Number 1566 Cap. 4300
Bottom Recorder Depth (Outside) 4910 ft. Recorder Number 3086 Cap. 4500
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor DNB Drilling Rig #2 Drill Collar Length - I. D. - in.
Mud Type Drispac Viscosity 55 Weight Pipe Length 667 I. D. 3.2 in.
Weight 9.1 Water Loss 9.6 cc. Drill Pipe Length 4192 I. D. 3.8 in.
Chlorides 18,000 P.P.M. Test Tool Length 26 ft. Tool Size 5 1/2 OD in.
Jars: Make WTC Serial Number 419 Anchor Length 25 ft. Size 5 1/2 OD in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: No blow.

Recovered - ft. of

Recovered - ft. of

Recovered - ft. of MISRUN

Recovered - ft. of

Recovered - ft. of

Remarks: MISRUN. No packer seat.

Time Set Packer(s) - A.M. P.M. Time Started Off Bottom 4:00 A.M. P.M. Maximum Temperature -

Initial Hydrostatic Pressure 2482 (A) - P.S.I.

Initial Flow Period - Minutes (B) - P.S.I. to (C) - P.S.I.

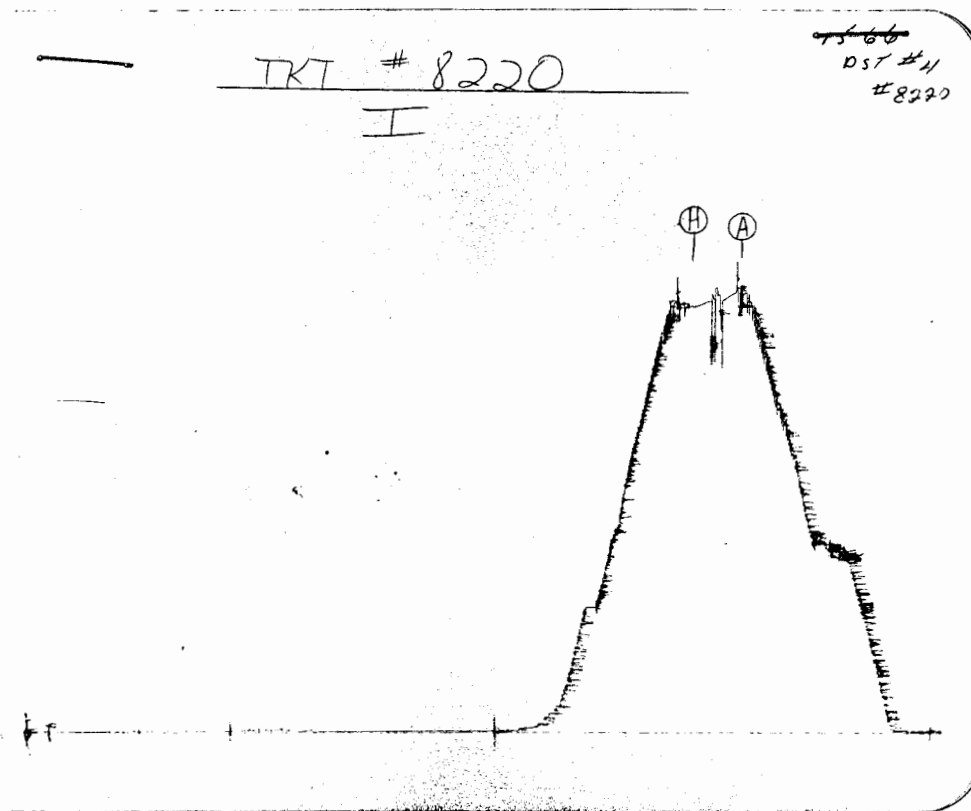
Initial Closed In Period - Minutes (D) - P.S.I.

Final Flow Period - Minutes (E) - P.S.I. to (F) - P.S.I.

Final Closed In Period - Minutes (G) - P.S.I.

Final Hydrostatic Pressure 2439 (H) - P.S.I.

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This is an actual photograph of recorder chart.

POINT	PRESSURE		MISRUN
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	—	2482	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	—	2439	PSI