WESTERN TESTERS

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company J. A. Allison Lease & Well No. Jones #1

Elevation 1904 Ground Leavel Formation Mississippi Effective Pay --- Ft. Ticket No. 6883

Date 10/29/80 Sec. 13 Twp. 28S Range 13W County Pratt State Kansas

Test Approved by Allen Monroe Western Representative Roger A. Mounts

Formation Test No. 1 Interval Tested from 4309 ft. to 4387 ft. Total Depth 4387 ft.

Packer Depth 4304 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4309 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4314 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4386 ft. Recorder Number 3086 Cap. 4500

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Murfin Drilling Rig #19 Drill Collar Length - I. D. - in.

Mud Type starch Viscosity 39 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 14.0 cc. Drill Pipe Length 4289 I. D. 3.8 in.

Chlorides 21,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½OD in.

Jars: Make No Serial Number - Anchor Length 78 ft. Size 5½OD 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 4½FH in.

Blow: Weak with show building to strong twenty-five inches initial flow period
Strong blow final flow period.

Recovered 30 ft. of heavy gas cut mud Water 10%;mud 45%;oil 15%;fluid 30%

Recovered 60 ft. of heavy gas cut mud with oil spots 4% water;55% mud;oil 11% fluid 30

Recovered 60 ft. of heavy gas and oil cut mud with oil spots water 3%;mud 75%;oil 7%;
fluid 15%

Recovered ft. of

Recovered ft. of

Remarks: Mr. Allison took #3086 chart with him to Wichita, Ks.
TIGHT HOLR

Time Set Packer(s) 9:00 ~~A.M.~~ P.M. Time Started Off Bottom 12:00 ~~A.M.~~ P.M. Maximum Temperature 102°

Initial Hydrostatic Pressure			(A)	2200	P.S.I.	
Initial Flow Period	Minutes 30		(B)	91	P.S.I. to (C)	108 P.S.I.
Initial Closed In Period	Minutes 45		(D)	1279	P.S.I.	
Final Flow Period	Minutes 60		(E)	134	P.S.I. to (F)	120 P.S.I.
Final Closed In Period	Minutes 45		(G)	862	P.S.I.	
Final Hydrostatic Pressure			(H)	2150	P.S.I.	

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WESTERN TESTING CO., INC.
Pressure Data

Date 10-29-80 Test Ticket No. 6883

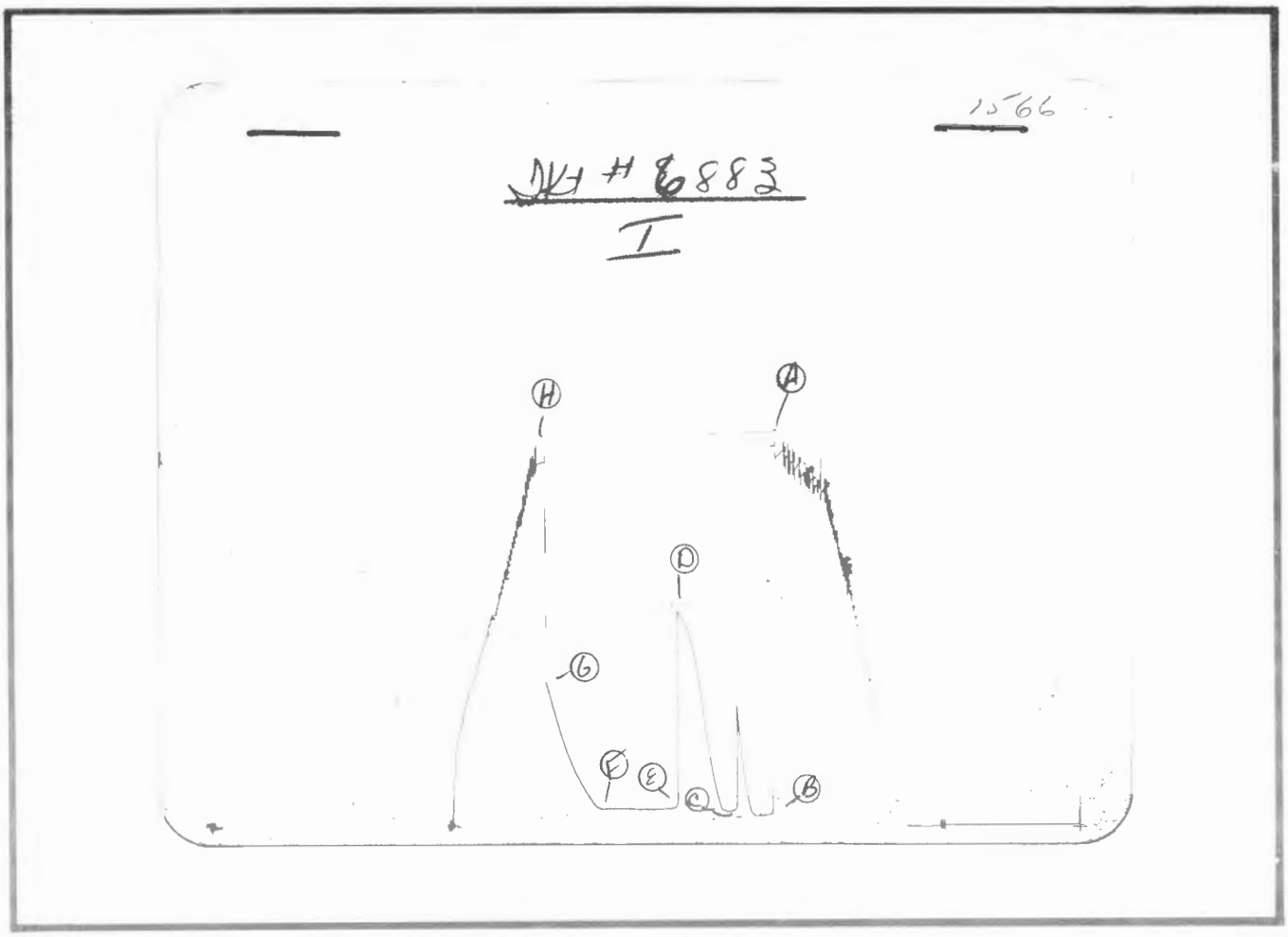
Recorder No. 1566 Capacity 4300 Location 4314 Ft.

Clock No. - Elevation 1904 Ground Level Well Temperature 102 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2200 P.S.I.	Open Tool	9:00P M	
B	First Initial Flow Pressure	91 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	108 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D	Initial Closed-in Pressure	1279 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	134 P.S.I.	Final Closed-in Pressure	45 Mins.	45 Mins.
F	Second Final Flow Pressure	120 P.S.I.			
G	Final Closed-in Pressure	862 P.S.I.			
H	Final Hydrostatic Mud	2150 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 6 Inc.		Breakdown: 15 Inc.		Breakdown: 12 Inc.		Breakdown: 15 Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	91	0	108	0	134	0	120
P 2 5	80	3	108	5	121	3	132
P 3 10	76	6	108	10	119	6	153
P 4 15	80	9	112	15	119	9	188
P 5 20	Plugged	12	171	20	117	12	225
P 6 25	Plugged	15	264	25	117	15	266
P 7 30	108	18	370	30	118	18	307
P 8		21	498	35	119	21	352
P 9		24	639	40	120	24	405
P10		27	791	45	121	27	465
P11		30	929	50	121	30	530
P12		33	1043	55	120	33	601
P13		36	1119	60	120	36	675
P14		39	1182			39	755
P15		42	1231			42	824
P16		45	1279			45	862
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2199	2200	PSI
(B)	First Initial Flow Pressure	75	91	PSI
(C)	First Final Flow Pressure	108	108	PSI
(D)	Initial Closed-in Pressure	1269	1279	PSI
(E)	Second Initial Flow Pressure	129	134	PSI
(F)	Second Final Flow Pressure	129	120	PSI
(G)	Final Closed-in Pressure	862	862	PSI
(H)	Final Hydrostatic Mud	2156	2150	PSI

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Company J. A. Allison | Lease & Well No. Jones #1

Elevation 1904 Ground Level Formation ---- | Effective Pay --- Ft. | Ticket No. 6884

Date 10/30/80 | Sec. 13 | Twp. 28S | Range 13W | County Pratt | State Kansas

Test Approved by Allen Monroe | Western Representative Roger A. Mounts

Formation Test No. 2 | Interval Tested from 4404 ft. to 4455 ft. | Total Depth 4455 ft.

Packer Depth 4399 ft. | Size 6 5/8 in. | Packer Depth - ft. | Size - in.

Packer Depth 4404 ft. | Size 6 5/8 in. | Packer Depth - ft. | Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4414 ft. | Recorder Number 1566 | Cap. 4300

Bottom Recorder Depth (Outside) 4455 ft. | Recorder Number 3086 | Cap. 4500

Below Straddle Recorder Depth - ft. | Recorder Number - | Cap. -

Drilling Contractor Murfin Drilling Co. Rig #19 | Drill Collar Length - | I. D. - in.

Mud Type starch | Viscosity 38 | Weight Pipe Length - | I. D. - in.

Weight 9.2 | Water Loss 15.8 cc. | Drill Pipe Length 4384 | I. D. 3.8 in.

Chlorides 23,000 P.P.M. | Test Tool Length 20 ft. | Tool Size 5½OD in.

Jars: Make No | Serial Number - | Anchor Length 52 ft. | Size 5½OD 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 | Tool Joint Size 4½FJ in.

Blow: Very weak with no build on initial flow period. No blow final flow period. Flushed tool. (good flush) no blow; test dead.

Recovered 30 ft. of drilling fluid

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 5:27 ~~A.M.~~ P.M. | Time Started Off Bottom 7:57 ~~A.M.~~ P.M. | Maximum Temperature ?

Initial Hydrostatic Pressure			(A) 2221	P.S.I.		
Initial Flow Period	Minutes 30	(B) 45	P.S.I. to	(C) 39	P.S.I.	
Initial Closed In Period	Minutes 45	(D) 42	P.S.I.			
Final Flow Period	Minutes 30	(E) 42	P.S.I. to	(F) 51	P.S.I.	
Final Closed In Period	Minutes 51	(G) 52	P.S.I.			
Final Hydrostatic Pressure			(H) 2176	P.S.I.		

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WESTERN TESTING CO., INC.
Pressure Data

Date 10-30-80 Test Ticket No. 6884

Recorder No. 1566 Capacity 4300 Location 4414 Ft.

Clock No. - Elevation 1904 Ground Level Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2221 P.S.I.	Open Tool	5:27P M	
B First Initial Flow Pressure	45 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	39 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	42 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	42 P.S.I.	Final Closed-in Pressure	45 Mins.	51 Mins.
F Second Final Flow Pressure	51 P.S.I.			
G Final Closed-in Pressure	52 P.S.I.			
H Final Hydrostatic Mud	2176 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	45
P 2 5	41
P 3 10	40
P 4 15	39
P 5 20	39
P 6 25	39
P 7 30	39
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	39
3	39
6	39
9	39
12	39
15	39
18	39
21	39
24	39
27	39
30	39
33	39
36	39
39	40
42	41
45	42

Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	42
5	42
10	54
15	51
20	51
25	51
30	51

Flushed Tool

Final Shut-In
Breakdown: 17 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	51
3	51
6	51
9	51
12	51
15	52
18	52
21	52
24	52
27	52
30	52
33	52
36	52
39	52
42	52
45	52
48	52
51	52

1566

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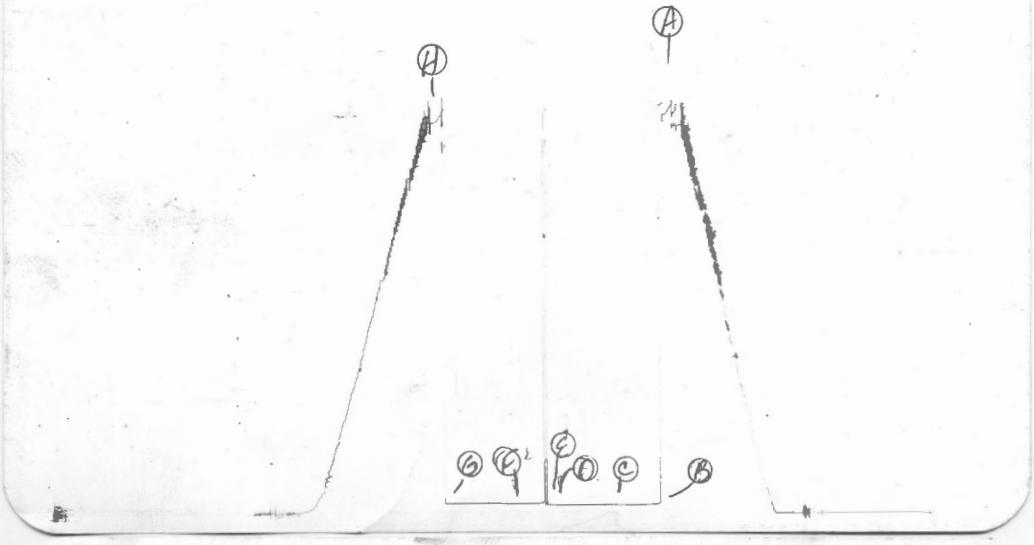

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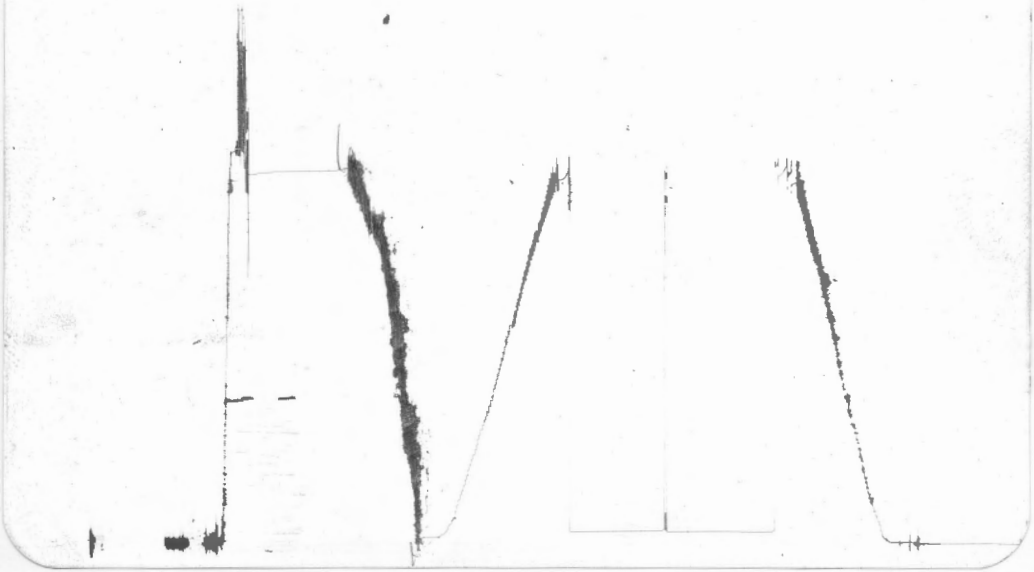

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2210	2221	PSI
(B)	First Initial Flow Pressure	43	45	PSI
(C)	First Final Flow Pressure	43	39	PSI
(D)	Initial Closed-in Pressure	43	42	PSI
(E)	Second Initial Flow Pressure	54	42	PSI
(F)	Second Final Flow Pressure	54	51	PSI
(G)	Final Closed-in Pressure	54	52	PSI
(H)	Final Hydrostatic Mud	2188	2176	PSI

WESTERN

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Company J. A. Allison Lease & Well No. Jones #1

Elevation 1904 Ground Level Formation --- Effective Pay --- Ft. Ticket No. 6885

Date 10/31/80 Sec. 13 Twp. 28S Range 13W County Pratt State Kansas

Test Approved by Allen Monroe Western Representative Roger A. Mounts

Formation Test No. 3 Interval Tested from 4461 ft. to 4538 ft. Total Depth 4538 ft.

Packer Depth 4456 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4461 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4471 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4537 ft. Recorder Number 3086 Cap. 4500

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Murfin Drilling Co. Rig #19 Drill Collar Length - I. D. - in.

Mud Type starch Viscosity 46 Weight Pipe Length - I. D. - in.

Weight 9.1 Water Loss 14.8 cc. Drill Pipe Length 4441 I. D. 3.8 in.

Chlorides 25,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½ OD

Jars: Make No Serial Number - Anchor Length 77 ft. Size 5½ 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 4½ FH

Blow: Very weak blow dying in two minutes on initial flow period; No blow final flow period; flushed tool; test dead.

Recovered 20 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 12:21 A.M. P.M. Time Started Off Bottom 2:51 A.M. P.M. Maximum Temperature 106°

Initial Hydrostatic Pressure			(A) 2286	P.S.I.		
Initial Flow Period	Minutes 30	(B) 60	P.S.I.	to (C) 54	P.S.I.	
Initial Closed In Period	Minutes 45	(D) 231	P.S.I.			
Final Flow Period	Minutes 30	(E) 84	P.S.I.	to (F) 59	P.S.I.	
Final Closed In Period	Minutes 45	(G) 80	P.S.I.			
Final Hydrostatic Pressure			(H) 2241	P.S.I.		

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WESTERN TESTING CO., INC.
Pressure Data

Date 10-31-80 Test Ticket No. 6885

Recorder No. 1566 Capacity 4300 Location 4471 Ft.

Clock No. - Elevation 1904 Ground Level Well Temperature 106 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2286 P.S.I.	Open Tool	12:21A M	
B	First Initial Flow Pressure	60 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	54 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D	Initial Closed-in Pressure	231 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E	Second Initial Flow Pressure	84 P.S.I.	Final Closed-in Pressure	45 Mins.	45 Mins.
F	Second Final Flow Pressure	59 P.S.I.			
G	Final Closed-in Pressure	80 P.S.I.			
H	Final Hydrostatic Mud	2241 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc. of 5 mins. and a final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	60
P 2	5	54
P 3	10	54
P 4	15	54
P 5	20	54
P 6	25	54
P 7	30	54
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	54
3	54
6	54
9	54
12	54
15	60
18	71
21	76
24	82
27	99
30	123
33	145
36	166
39	190
42	212
45	231

Second Flow Pressure
Breakdown: 6 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	84 Flushed Tool
5	63
10	59
15	59
20	59
25	59
30	59

Final Shut-In
Breakdown: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	59
3	59
6	59
9	59
12	59
15	60
18	60
21	60
24	60
27	61
30	62
33	65
36	67
39	71
42	76
45	80

JK # 6885

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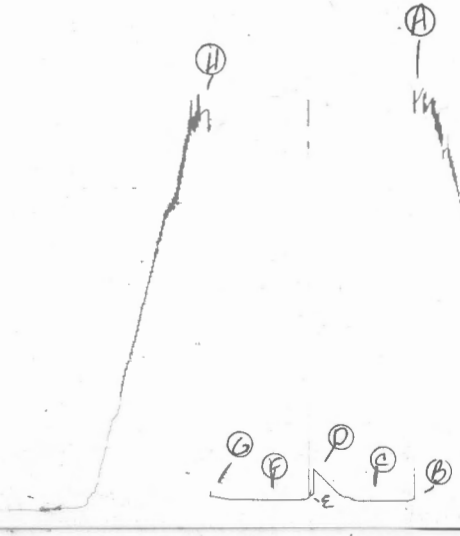

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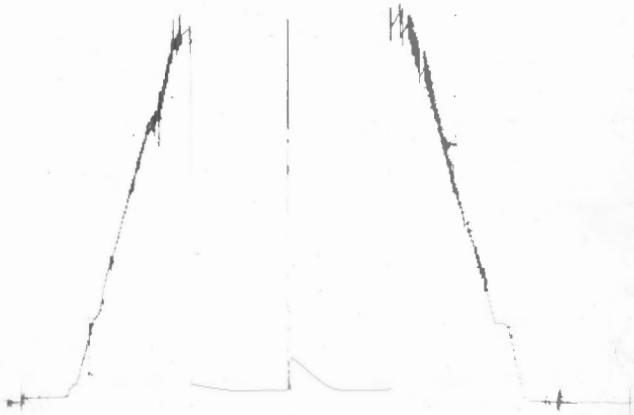

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2286	2286	PSI
(B)	First Initial Flow Pressure	54	60	PSI
(C)	First Final Flow Pressure	54	54	PSI
(D)	Initial Closed-in Pressure	237	231	PSI
(E)	Second Initial Flow Pressure	64	84	PSI
(F)	Second Final Flow Pressure	64	59	PSI
(G)	Final Closed-in Pressure	86	80	PSI
(H)	Final Hydrostatic Mud	2221	2241	PSI