



Home Office: Wichita, Kansas 67201

P. O. Box 1599

(316) 838-0601

Albertson #B-1

Company John O. Farmer Lease & Well No. Albertson #B-1
 Elevation ----- Formation Lansing Effective Pay ----- Ft. Ticket No. 685
 Date 6/11/78 Sec. 18 Twp. 9S Range 23W County Graham State Kansas
 Test Approved by Sam Farmer Western Representative John J. Schmidt

Formation Test No. 1 Interval Tested from 3760' ft. to 3825' ft. Total Depth 3825' ft.
 Packer Depth 3755 ft. Size 6 3/4 in. Packer Depth 3760 ft. Size 6 3/4 in.
 Packer Depth -- ft. Size -- in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set ---

Top Recorder Depth (Inside) 3818 ft. Recorder Number 3354 Cap. 4200 PSI
 Bottom Recorder Depth (Outside) 3821 ft. Recorder Number 2605 Cap. 4150 PSI
 Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --

Drilling Contractor John O. Farmer Drill Collar Length -- I. D. -- in.
 Mud Type starch Viscosity 46 Weight Pipe Length 1241 I. D. 2.76 in.
 Weight 10.3 Water Loss 10.2 cc. Drill Pipe Length 2482 I. D. 3.8 in.
 Chlorides 69,240 P.P.M. Test Tool Size 5 1/2 in. Tool Joint Size 4 1/2 FH in.
 Jars: Make No Serial Number No Anchor Length 65 ft. Size 5 1/2 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.

Blow: Strong blow throughout test.

Recovered 191 ft. of slightly oil cut gassy watery mud
 Recovered 455 ft. of slightly oil cut gassy muddy water
 Recovered 495 ft. of gassy water
 Recovered ft. of (7,000 PPM Chlorides)
 Recovered ft. of

Remarks:

Time Set Packer(s) 11:42 ~~AM~~ P.M. Time Started Off Bottom 3:00 ~~P.M.~~ A.M. Maximum Temperature 114
 Initial Hydrostatic Pressure 2206 P.S.I. (A)
 Initial Flow Period 30 Minutes (B) 74 P.S.I. to (C) 343 P.S.I.
 Initial Closed In Period 45 Minutes (D) 798 P.S.I.
 Final Flow Period 60 Minutes (E) 369 P.S.I. to (F) 561 P.S.I.
 Final Closed In Period 60 Minutes (G) 800 P.S.I.
 Final Hydrostatic Pressure 2176 P.S.I. (H)

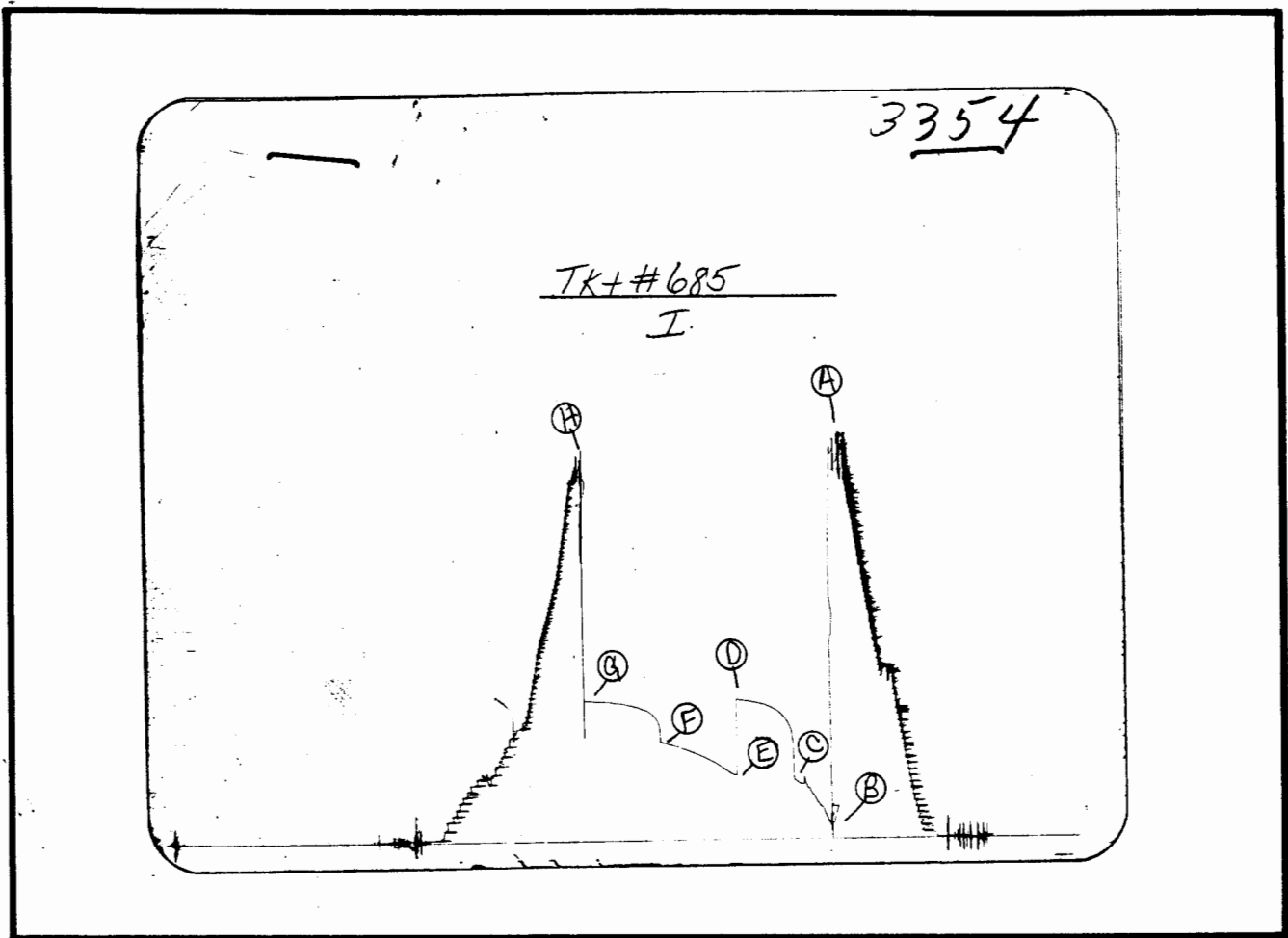
WESTERN TESTING CO., INC.
Pressure Data

Date 6/11/78 Test Ticket No. 685
 Recorder No. 3354 Capacity 4200 Location 3818 Ft.
 Clock No. _____ Elevation - Well Temperature 114 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2206</u> P.S.I.	Open Tool	<u>11:42P</u> M	
B First Initial Flow Pressure	<u>74</u> P.S.I.	First Flow Pressure	<u>30</u> Mins	<u>30</u> Mins.
C First Final Flow Pressure	<u>343</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>798</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>369</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins	<u>60</u> Mins.
F Second Final Flow Pressure	<u>561</u> P.S.I.			
G Final Closed-in Pressure	<u>800</u> P.S.I.			
H Final Hydrostatic Mud	<u>2176</u> P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
	Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
	Press.	Point Minutes	Point Minutes	Point Minutes
P 1 <u>0</u>	<u>74</u>	<u>0</u>	<u>0</u>	<u>0</u>
P 2 <u>5</u>	<u>131</u>	<u>3</u>	<u>5</u>	<u>3</u>
P 3 <u>10</u>	<u>191</u>	<u>6</u>	<u>10</u>	<u>6</u>
P 4 <u>15</u>	<u>252</u>	<u>9</u>	<u>15</u>	<u>9</u>
P 5 <u>20</u>	<u>302</u>	<u>12</u>	<u>20</u>	<u>12</u>
P 6 <u>25</u>	<u>319</u>	<u>15</u>	<u>25</u>	<u>15</u>
P 7 <u>30</u>	<u>343</u>	<u>18</u>	<u>30</u>	<u>18</u>
P 8 _____		<u>21</u>	<u>35</u>	<u>21</u>
P 9 _____		<u>24</u>	<u>40</u>	<u>24</u>
P10 _____		<u>27</u>	<u>45</u>	<u>27</u>
P11 _____		<u>30</u>	<u>50</u>	<u>30</u>
P12 _____		<u>33</u>	<u>55</u>	<u>33</u>
P13 _____		<u>36</u>	<u>60</u>	<u>36</u>
P14 _____		<u>39</u>		<u>39</u>
P15 _____		<u>42</u>		<u>42</u>
P16 _____		<u>45</u>		<u>45</u>
P17 _____				<u>48</u>
P18 _____				<u>51</u>
P19 _____				<u>54</u>
P20 _____				<u>57</u>
				<u>60</u>



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2218	2206	PSI
(B) First Initial Flow Pressure	74	74	PSI
(C) First Final Flow Pressure	338	343	PSI
(D) Initial Closed-in Pressure	802	798	PSI
(E) Second Initial Flow Pressure	380	369	PSI
(F) Second Final Flow Pressure	559	561	PSI
(G) Final Closed-in Pressure	802	800	PSI
(H) Final Hydrostatic Mud	2197	2176	PSI



Home Office: Wichita, Kansas 67201

P. O. Box 1599

(316) 838-0601

Albertson #B-1

Company John O. Farmer Lease & Well No. Albertson #B-1

Elevation ----- Formation Lansing Effective Pay ----- Ft. Ticket No. 686

Date 6/12/78 Sec. 18 Twp. 9S Range 23W County Graham State Kansas

Test Approved by Sam Farmer Western Representative John J. Schmidt

Formation Test No. 2 Interval Tested from 3880' ft. to 3901' ft. Total Depth 3901' ft.

Packer Depth 3875 ft. Size 6 3/4 in. Packer Depth 3880 ft. Size 6 3/4 in.

Packer Depth -- ft. Size -- in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -----

Top Recorder Depth (Inside) 3895 ft. Recorder Number 3354 Cap 4200 PSI

Bottom Recorder Depth (Outside) 3898 ft. Recorder Number 2605 Cap 4150 PSI

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

Drilling Contractor John O. Farmer Drill Collar Length -- I. D. -- in.

Mud Type starch Viscosity 45 Weight Pipe Length 1241 I. D. 2.76 in.

Weight 10.2 Water Loss 8.0 cc. Drill Pipe Length 2576 I. D. 3.8 in.

Chlorides 68,000 P.P.M. Test Tool Size 5 1/2 in. Tool Joint Size 4 1/2 FH in.

Jars: Make None Serial Number ----- Anchor Length 21 ft. Size 5 1/2 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.

Blow: Fair to good blow. Steadily increasing from bottom of bucket 4 minutes of second opening.

Recovered 260 ft. of gas in pipe

Recovered 110 ft. of oil cut mud (30% oil 70% mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 9:57 ~~P.M.~~ Time Started Off Bottom 2:15 ~~P.M.~~ Maximum Temperature 115

Initial Hydrostatic Pressure 2168 P.S.I. (A)

Initial Flow Period 60 Minutes (B) 24 P.S.I. to (C) 40 P.S.I.

Initial Closed In Period 60 Minutes (D) 357 P.S.I.

Final Flow Period 60 Minutes (E) 71 P.S.I. to (F) 68 P.S.I.

Final Closed In Period 75 Minutes (G) 365 P.S.I.

Final Hydrostatic Pressure 2134 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 6/12/78 Test Ticket No. 686
 Recorder No. 3354 Capacity 4200 Location 3895 Ft.
 Clock No. ----- Elevation ----- Well Temperature 115 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	2168	P.S.I.	9:57P	M
B. First Initial Flow Pressure	24	P.S.I.	60	Mins. 60 Mins.
C. First Final Flow Pressure	40	P.S.I.	60	Mins. 60 Mins.
D. Initial Closed-in Pressure	357	P.S.I.	60	Mins. 60 Mins.
E. Second Initial Flow Pressure	71	P.S.I.	60	Mins. 60 Mins.
F. Second Final Flow Pressure	68	P.S.I.	75	Mins. 75 Mins.
G. Final Closed-in Pressure	365	P.S.I.		
H. Final Hydrostatic Mud	2134	P.S.I.		

PRESSURE BREAKDOWN

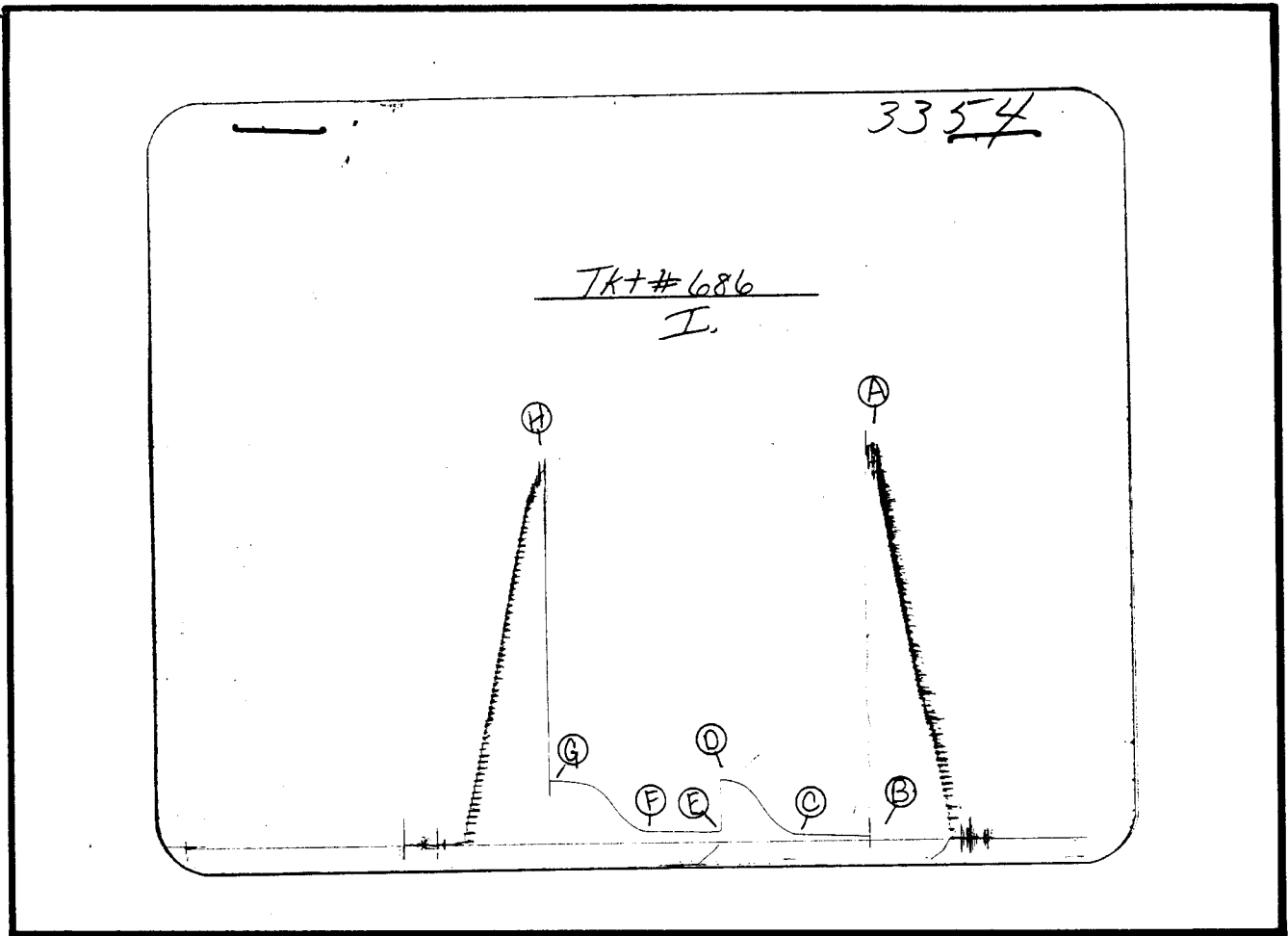
First Flow Pressure
 Breakdown: 12 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 20 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 12 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 25 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes
P 1	24	0	40	0	71	0	68	0
P 2	26	3	46	3	59	3	70	3
P 3	27	6	55	6	60	6	78	6
P 4	30	9	70	9	60	9	91	9
P 5	31	12	83	12	61	12	105	12
P 6	32	15	101	15	61	15	123	15
P 7	33	18	119	18	62	18	144	18
P 8	34	21	150	21	64	21	165	21
P 9	35	24	178	24	65	24	194	24
P10	37	27	210	27	66	27	224	27
P11	38	30	244	30	68	30	254	30
P12	39	33	270	33	68	33	278	33
P13	40	36	298	36	68	36	298	36
P14		39	315	39		39	314	39
P15		42	328	42		42	329	42
P16		45	338	45		45	338	45
P17		48	344	48		48	343	48
P18		51	349	51		51	349	51
P19		54	354	54		54	352	54
P20		57	356	57		57	354	57
		60	357	60		60	357	60



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2165	2168	PSI
(B) First Initial Flow Pressure	32	24	PSI
(C) First Final Flow Pressure	42	40	PSI
(D) Initial Closed-in Pressure	359	357	PSI
(E) Second Initial Flow Pressure	63	71	PSI
(F) Second Final Flow Pressure	63	68	PSI
(G) Final Closed-in Pressure	359	365	PSI
(H) Final Hydrostatic Mud	2144	2134	PSI



Home Office: Wichita, Kansas 67201

P. O. Box 1599

(316) 838-0601

Albertson #B-1

Company John O. Farmer Lease & Well No. Albertson #B-1
 Elevation ----- Formation Lansing Effective Pay ----- Ft. Ticket No. 687
 Date 6/13/78 Sec. 18 Twp. 9S Range 23W Country Graham State Kansas
 Test Approved by Sam Farmer Western Representative John J. Schmidt

Formation Test No. 3 Interval Tested from 3915' ft. to 3940' ft. Total Depth 3940' ft.
 Packer Depth 3910 ft. Size 6 3/4 in. Packer Depth 3915 ft. Size 6 3/4 in.
 Packer Depth -- ft. Size -- in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set ---

Top Recorder Depth (Inside) 3931 ft. Recorder Number 3354 Cap. 4200 PSI
 Bottom Recorder Depth (Outside) 3934 ft. Recorder Number 2605 Cap. 4150 PSI
 Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --

Drilling Contractor John O. Farmer Drill Collar Length -- I. D. -- in.
 Mud Type starch Viscosity 44 Weight Pipe Length 1241 I. D. 2.76 in.
 Weight 10.2 Water Loss 9.4 cc. Drill Pipe Length 2607 I. D. 3.8 in.
 Chlorides 52,600 P.P.M. Test Tool Size 5 1/2 in. Tool Joint Size 4 1/2 FH in.
 Jars: Make None Serial Number ----- Anchor Length 25 ft. Size 5 1/2 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.

Blow: Good blow from bottom of bucket in 12 minutes in initial flow period. Good blow throughout final flow period.

Recovered 526 ft. of gas in pipe
 Recovered 216 ft. of gassy heavy oil cut mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 2:42 ~~AM~~ P.M. Time Started Off Bottom 6:00 ~~AM~~ P.M. Maximum Temperature 115
 Initial Hydrostatic Pressure 2227 P.S.I. (A)
 Initial Flow Period 30 Minutes (B) 46 P.S.I. to (C) 78 P.S.I.
 Initial Closed In Period 45 Minutes (D) 253 P.S.I.
 Final Flow Period 60 Minutes (E) 105 P.S.I. to (F) 121 P.S.I.
 Final Closed In Period 60 Minutes (G) 253 P.S.I.
 Final Hydrostatic Pressure 2206 P.S.I. (H)

WESTERN TESTING CO., INC.

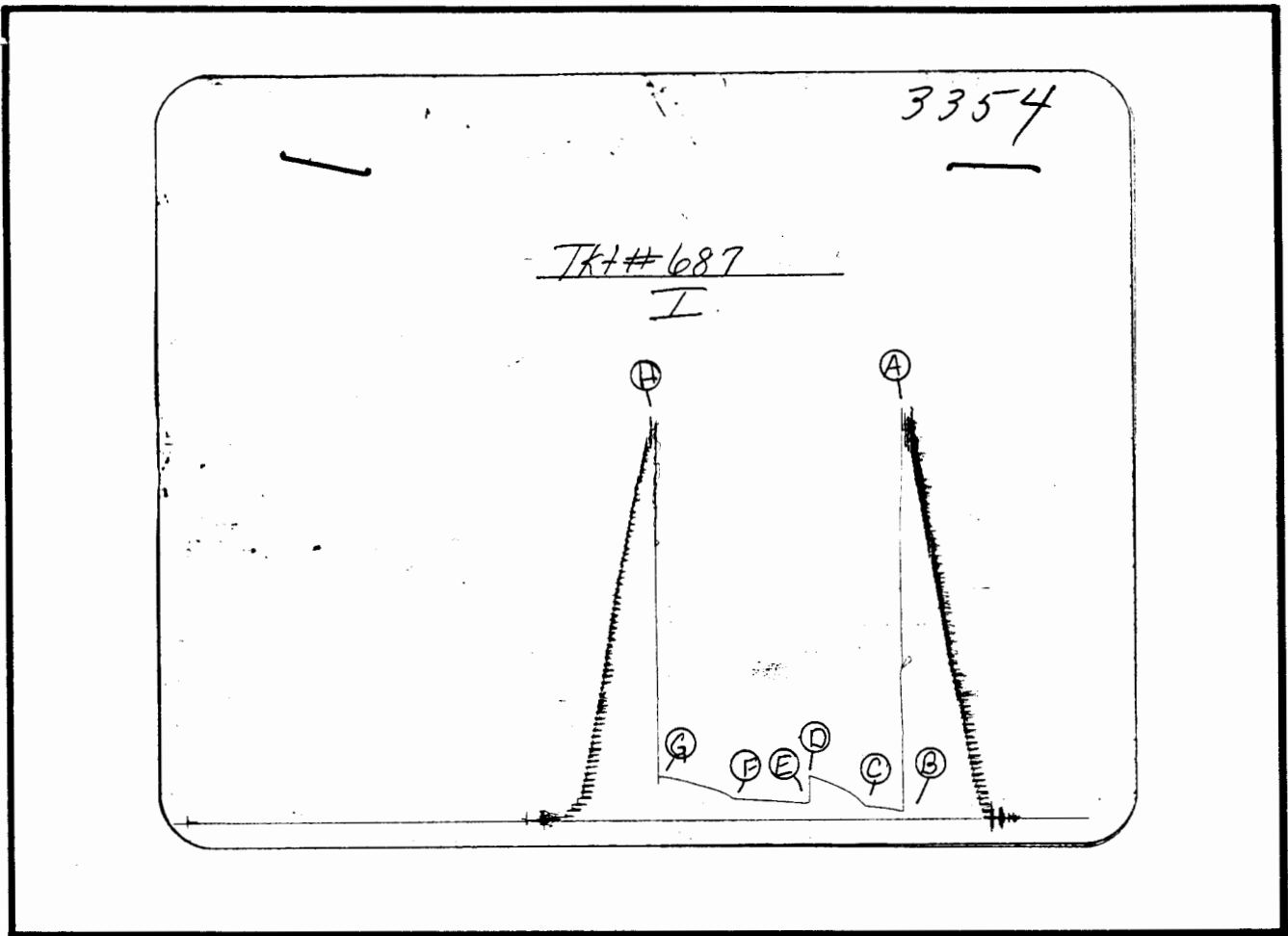
Pressure Data

Date 6/13/78 Test Ticket No. 687
 Recorder No. 3354 Capacity 4200 Location 3931 Ft.
 Clock No. _____ Elevation _____ Well Temperature 115 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2227 P.S.I.	Open Tool	2:42P M	
B First Initial Flow Pressure	46 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	78 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	253 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	105 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	121 P.S.I.			
G Final Closed-in Pressure	253 P.S.I.			
H Final Hydrostatic Mud	2206 P.S.I.			

PRESSURE BREAKDOWN

Point	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>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	46	0	78	0	105	0	121
P 2	5	53	3	100	5	95	3	135
P 3	10	63	6	118	10	98	6	150
P 4	15	68	9	137	15	101	9	158
P 5	20	70	12	152	20	104	12	168
P 6	25	75	15	163	25	106	15	176
P 7	30	78	18	177	30	109	18	182
P 8			21	186	35	112	21	188
P 9			24	195	40	114	24	194
P10			27	204	45	115	27	201
P11			30	216	50	117	30	208
P12			33	222	55	119	33	216
P13			36	230	60	121	36	222
P14			39	241			39	226
P15			42	247			42	232
P16			45	253			45	238
P17							48	244
P18							51	247
P19							54	251
P20							57	253
							60	253



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2229	2227	PSI
(B) First Initial Flow Pressure	53	46	PSI
(C) First Final Flow Pressure	74	78	PSI
(D) Initial Closed-in Pressure	253	253	PSI
(E) Second Initial Flow Pressure	95	105	PSI
(F) Second Final Flow Pressure	116	121	PSI
(G) Final Closed-in Pressure	253	253	PSI
(H) Final Hydrostatic Mud	2208	2206	PSI