WESTERN TESTERS

Home Office: Wichita, Kansas 67201

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

Company J. A. Allison — Lease & Well No. #1 "C" Shriver

Elevation --- — Formation Mississippi — Effective Pay -- Ft. — Ticket No. 16334

Date 7/26/82 — Sec. 18 — Twp. 26S — Range 11W — County Pratt — State Kansas

Test Approved by Phil Hart — Western Representative Michael Rogers

Formation Test No. 1 — Interval Tested from 4028 ft. to 4061 ft. — Total Depth 4061 ft.

Packer Depth 4023 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Packer Depth 4028 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4031 ft. — Recorder Number 1566 — Cap. 4300

Bottom Recorder Depth (Outside) 4035 ft. — Recorder Number 3086 — Cap. 4500

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

Drilling Contractor Big Springs Drlg. Rig #2 — Drill Collar Length - — I. D. - in.

Mud Type starch-salt-clay — Viscosity 36 — Weight Pipe Length 473 — I. D. 3.2 in.

Weight 9.6+ — Water Loss 17.1 cc. — Drill Pipe Length 3534 — I. D. 3.8 in.

Chlorides 52,000 P.P.M. — Test Tool Length 21 ft. — Tool Size 5½ in.

Jars: Make - — Serial Number - — Anchor Length 33 ft. — Size 5½ 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 in

Blow: Weak building to weak two inch blow then depleating to one inch on initial flow period. Two inch blow slowly depleating to very very weak blow on final flow period.

Recovered 30 ft. of drilling mud

Recovered ft. of with 43,000 ppm chlorides

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 9:15 ~~A.M.~~ P.M. — Time Started Off Bottom 1:45 A.M. ~~P.M.~~ — Maximum Temperature 114°

Initial Hydrostatic Pressure			(A)	2156	P.S.I.	
Initial Flow Period	Minutes 30		(B)	37	P.S.I. to (C)	37 P.S.I.
Initial Closed In Period	Minutes 57		(D)	69	P.S.I.	
Final Flow Period	Minutes 90		(E)	43	P.S.I. to (F)	45 P.S.I.
Final Closed In Period	Minutes 81		(G)	66	P.S.I.	
Final Hydrostatic Pressure			(H)	2122	P.S.I.	

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WESTERN TESTING CO., INC.
Pressure Data

Date 7/26/82 Test Ticket No. 16334

Recorder No. 1566 Capacity 4300 Location 4031 Ft.

Clock No. -- Elevation -- Well Temperature 114 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2156 P.S.I.	Open Tool	9:15P M	
B	First Initial Flow Pressure	37 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	37 P.S.I.	Initial Closed-in Pressure	60 Mins.	57 Mins.
D	Initial Closed-in Pressure	69 P.S.I.	Second Flow Pressure	90 Mins.	90 Mins.
E	Second Initial Flow Pressure	43 P.S.I.	Final Closed-in Pressure	90 Mins.	81 Mins.
F	Second Final Flow Pressure	45 P.S.I.			
G	Final Closed-in Pressure	66 P.S.I.			
H	Final Hydrostatic Mud	2122 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	37
P 2	5	37
P 3	10	37
P 4	15	37
P 5	20	37
P 6	25	37
P 7	30	37
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 19 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	37
3	38
6	39
9	40
12	42
15	44
18	46
21	48
24	50
27	52
30	54
33	56
36	58
39	60
42	62
45	64
48	66
51	67
54	68
57	69

Second Flow Pressure
Breakdown: 18 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	43
5	43
10	43
15	43
20	43
25	43
30	43
35	43
40	43
45	43
50	43
55	43
60	43
65	43
70	43
75	43
80	43
85	44
90	45

Final Shut-In
Breakdown: 32 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	45
3	46
6	47
9	48
12	49
15	50
18	51
21	52
24	53
27	54
30	55
33	56
36	57
39	58
42	59
45	60
48	61
51	62
54	63
57	64
60	65

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WESTERN TESTING CO., INC.

Pressure Data

Date 7/26/82 Test Ticket No. 16334

Recorder No. 1566 Capacity 4300 Location 4031 Ft.

Clock No. -- Elevation -- Well Temperature 114 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2156 P.S.I.	Open Tool	9:15P M	
B First Initial Flow Pressure	37 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	37 P.S.I.	Initial Closed-in Pressure	60 Mins.	57 Mins.
D Initial Closed-in Pressure	69 P.S.I.	Second Flow Pressure	90 Mins.	90 Mins.
E Second Initial Flow Pressure	43 P.S.I.	Final Closed-in Pressure	90 Mins.	81 Mins.
F Second Final Flow Pressure	45 P.S.I.			
G Final Closed-in Pressure	66 P.S.I.			
H Final Hydrostatic Mud	2122 P.S.I.			

PRESSURE BREAKDOWN

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

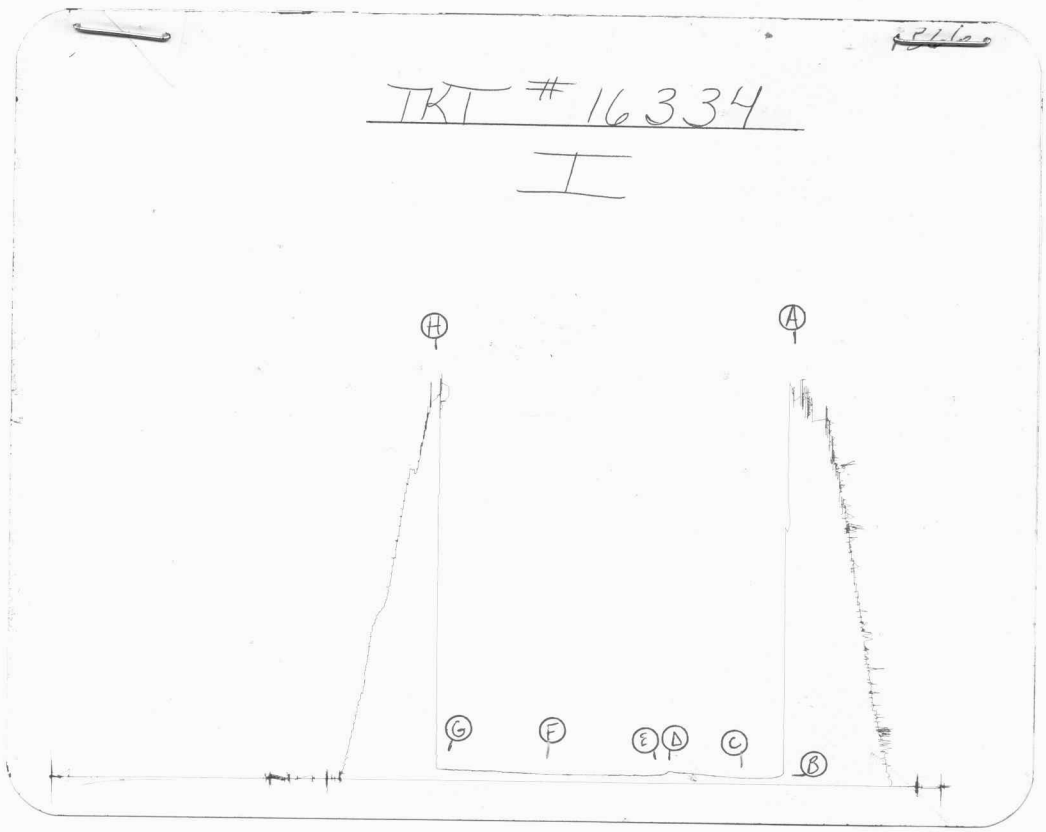
Initial Shut-In
Breakdown: 19 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 18 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 32 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point	Mins.	Press.	Point	Minutes	Press.	Point	Minutes	Press.	Point	Minutes	Press.
P 1										63	66
P 2										66	66
P 3										69	66
P 4										72	66
P 5										75	66
P 6										78	66
P 7										81	66
P 8											
P 9											
P10											
P11											
P12											
P13											
P14											
P15											
P16											
P17											
P18											
P19											
P20											

COMPANY J. A. ALLISON LEASE AND WELL NO. #1 "C" SHRIVER SEC. 18 TWP. 26S RGE. 11W TEST NO. 1 DATE 7/26/82



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2243	2156	PSI
(B)	First Initial Flow Pressure	43	37	PSI
(C)	First Final Flow Pressure	32	37	PSI
(D)	Initial Closed-in Pressure	54	69	PSI
(E)	Second Initial Flow Pressure	32	43	PSI
(F)	Second Final Flow Pressure	32	45	PSI
(G)	Final Closed-in Pressure	54	66	PSI
(H)	Final Hydrostatic Mud	2264	2122	PSI

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

Company J. A. Allison Lease & Well No. #1 "C" Shriver

Elevation ---- Formation Viola Effective Pay -- Ft. Ticket No. 16335

Date 7/ 27 /82 Sec. 18 Twp. 26S Range 11W County Pratt State Kansas

Test Approved by Phil Hart Western Representative Mike Rogers

Formation Test No. 2 Interval Tested from 4167 ft. to 4187 Total Depth 4187 ft.

Packer Depth 4162 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4167 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4170 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4174 ft. Recorder Number 3086 Cap. 4500

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

Drilling Contractor Big Springs Drlg. Rig #2 Drill Collar Length - I. D. - in.

Mud Type starch Viscosity 43 Weight Pipe Length 473 I. D. 3.2 in.

Weight 9.8 Water Loss 13.8 cc. Drill Pipe Length 3673 I. D. 3.8 in.

Chlorides 56,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½ in.

Jars: Make - Serial Number - Anchor Length 20 ft. Size 5½ 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 in

Blow: Fair to strong blow. Gas to surface in eight minutes.

Recovered ft. of MISRUN

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: HOLE IN DRILL PIPE

Time Set Packer(s) 12:15 A.M. ~~P.M.~~ Time Started Off Bottom - A.M. P.M. Maximum Temperature -

Initial Hydrostatic Pressure ..... (A) 2295 P.S.I.

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

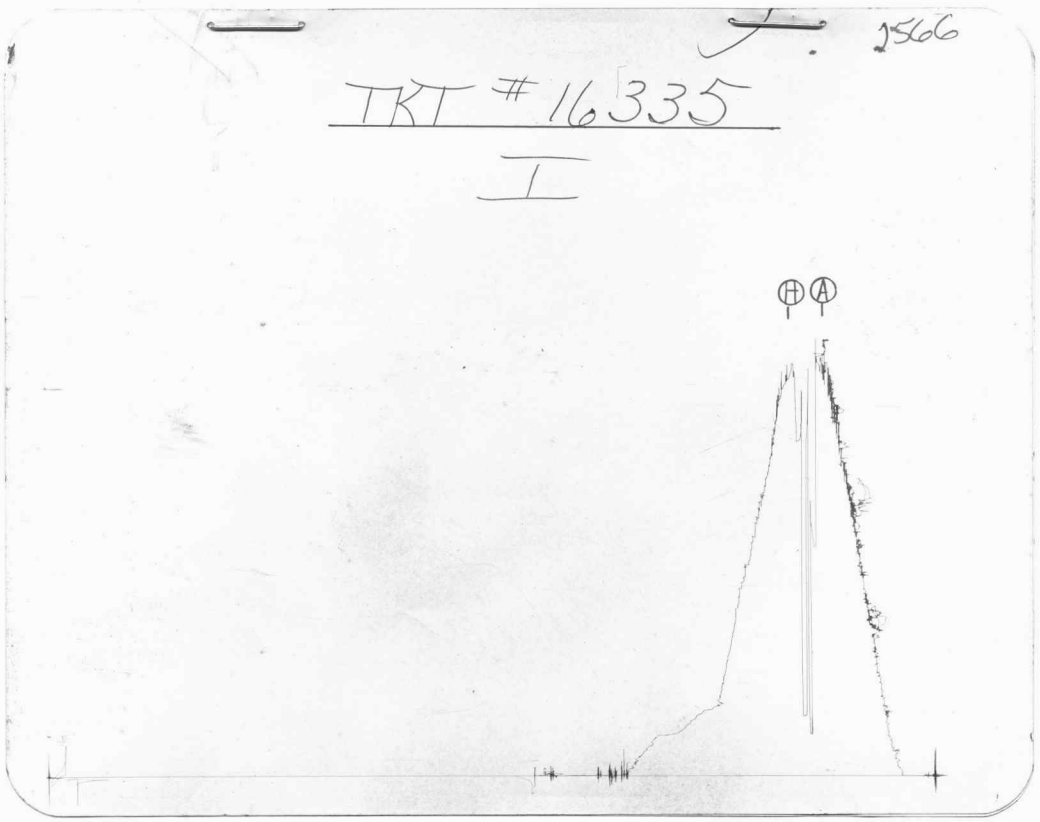
Initial Closed In Period ..... Minutes ____ (D) - P.S.I.

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) 2221 P.S.I.

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This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading		PRESSURE Office Reading	
(A)	Initial Hydrostatic Mud	MISRUN	-	2295	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		-	2221	PSI

COMPANY J. A. ALLISON LEASE AND WELL NO. #1 "C" SHRIVER SEC. 18 TWP. 26S RGE. 11W TEST NO. 2 DATE 7/ 27 /82

MISRUN

WESTERN TESTERS

Home Office: Wichita, Kansas 67201

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

Company J. A. Allison Lease & Well No. #1 "C" Shriver

Elevation ---- Formation Viola Effective Pay -- Ft. Ticket No. 16336

Date 7/ 28 /82 Sec. 18 Twp. 26S Range 11W County Pratt State Kansas

Test Approved by Phil Hart Western Representative Mike Rogers

Formation Test No. 3 Interval Tested from 4095 ft. to 4187 ft. Total Depth 4187 ft.

Packer Depth 4090 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4095 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4098 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4102 ft. Recorder Number 3086 Cap. 4500

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

Drilling Contractor Big Springs Drlg. Rig #2 Drill Collar Length - I. D. - in.

Mud Type starch Viscosity 43 Weight Pipe Length 411 I. D. 3.2 in.

Weight 9.8 Water Loss 13.8 cc. Drill Pipe Length 3663 I. D. 3.8 in.

Chlorides 56,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½ in.

Jars: Make - Serial Number - Anchor Length WP in anchor 62' 30' ft. Size 5½ 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 in.

Blow: Strong. Gas to surface four minutes on initial flow period. See attached sheet for gas measurements.

Recovered 370 ft. of heavy gas cut drilling mud with a few oil specks

Recovered 190 ft. of gassy oil cut mud with 45% oil;50% drilling mud;5% water

Recovered 250 ft. of gassy muddy oil with 60% oil;20% drilling mud;20% water

Recovered 125 ft. of gassy muddy watery oil with 50% oil;20% drilling mud;30% water

Recovered 240 ft. of heavy gas cut oily water with 95% water;5% oil with 47,000 ppm chlorides

Remarks: Had trouble pulling loose

Time Set Packer(s) 5:30 A.M. ~~P.M.~~ Time Started Off Bottom 8:45 A.M. ~~P.M.~~ Maximum Temperature 119°

Initial Hydrostatic Pressure ..... (A) 2245 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 184 P.S.I. to (C) 244 P.S.I.

Initial Closed In Period ..... Minutes 57 (D) 476 P.S.I.

Final Flow Period ..... Minutes 55 (E) 270 P.S.I. to (F) 375 P.S.I.

Final Closed In Period ..... Minutes 45 (G) 474 P.S.I.

Final Hydrostatic Pressure ..... (H) 2197 P.S.I.

WTC

Home Office: Wichita, Kansas 67201

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

GAS FLOW REPORT

Date 7/28/82 Ticket 16336 Company J. A. Allison

Well Name and No. #1 "C" Shriver Dst No. 3 Interval Tested 4095'-4187'

County Pratt State Kansas Sec. 18 Twp. 26S Rg. 11W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester		Description of Flow
Gas to surface in four minutes.		**PRE FLOW**				
5 min.	7.0 PSIG	1/2"	orifice			94,500 CFPD
10 min.	8.5 PSIG	1/2"	orifice			105,000 CFPD
20 min.	9.5 PSIG	1/2"	orifice			112,000 CFPD
30 min.	7.0 PSIG	1/2"	orifice			94,500 CFPD
		SECOND FLOW				
5 min.	3.0 PSIG	1/2"	orifice			59,200 CFPD
10 min.	4.0 PSIG	1/2"	orifice			68,800 CFPD
20 min.	2.0 PSIG	1/2"	orifice			47,700 CFPD
30 min.	9.5 PSIG	1/4"	orifice			29,900 CFPD
40 min.	16 PSIG	1/4"	orifice			40,900 CFPD
50 min.	18 PSIG	1/4"	orifice			43,900 CFPD
60 min.	18 PSIG	1/4"	orifice			43,900 CFPD

GAS BOTTLE

Serial No. ---- Date Bottle Filled --- Date to be Invoiced 7/28/82

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of $75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME J. A. Allison

Authorized by Phil Hart

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 7/28/82 Test Ticket No. 16336

Recorder No. 1566 Capacity 4300 Location 4098 Ft.

Clock No. --- Elevation --- Well Temperature 119 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2245 P.S.I.	Open Tool		5:30A M	
B	First Initial Flow Pressure	184 P.S.I.	First Flow Pressure		30 Mins.	30 Mins.
C	First Final Flow Pressure	244 P.S.I.	Initial Closed-in Pressure		60 Mins.	57 Mins.
D	Initial Closed-in Pressure	476 P.S.I.	Second Flow Pressure		60 Mins.	55 Mins.
E	Second Initial Flow Pressure	270 P.S.I.	Final Closed-in Pressure		45 Mins.	45 Mins.
F	Second Final Flow Pressure	375 P.S.I.				
G	Final Closed-in Pressure	474 P.S.I.				
H	Final Hydrostatic Mud	2197 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	184
P 2	5	184
P 3	10	187
P 4	15	203
P 5	20	224
P 6	25	239
P 7	30	244
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 19 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point	Minutes	Press.
	0	244
	3	421
	6	448
	9	461
	12	467
	15	472
	18	473
	21	474
	24	475
	27	476
	30	476
	33	476
	36	476
	39	476
	42	476
	45	476
	48	476
	51	476
	54	476
	57	476

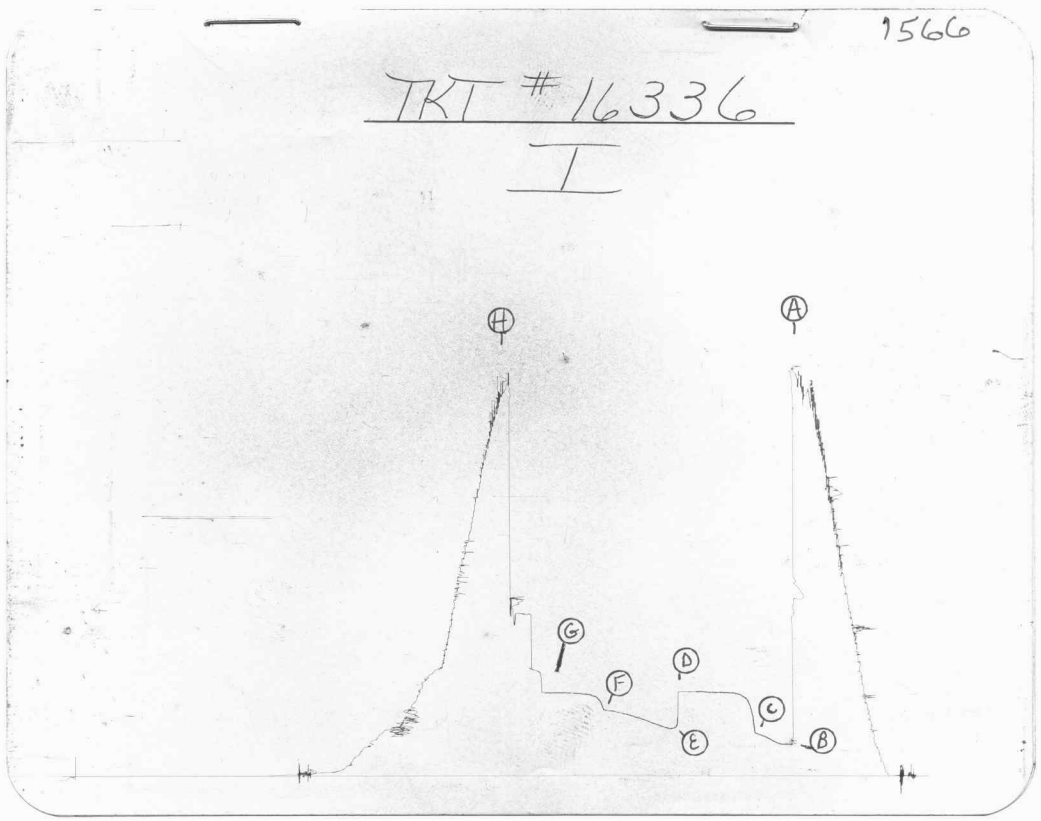
Second Flow Pressure
Breakdown: 11 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point	Minutes	Press.
	0	270
	5	270
	10	280
	15	294
	20	308
	25	322
	30	335
	35	346
	40	356
	45	363
	50	369
	55	375

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

Point	Minutes	Press.
	0	375
	3	434
	6	453
	9	461
	12	464
	15	466
	18	467
	21	468
	24	469
	27	470
	30	472
	33	473
	36	474
	39	474
	42	474
	45	474

COMPANY J. A. ALLISON LEASE AND WELL NO. #1 "C" SHRIVER SEC. 18 TWP. 26S RGE. 11W TEST NO. 3 DATE 7/ 28 /82



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2275	2245	PSI
(B)	First Initial Flow Pressure	183	184	PSI
(C)	First Final Flow Pressure	248	244	PSI
(D)	Initial Closed-in Pressure	476	476	PSI
(E)	Second Initial Flow Pressure	270	270	PSI
(F)	Second Final Flow Pressure	367	375	PSI
(G)	Final Closed-in Pressure	465	474	PSI
(H)	Final Hydrostatic Mud	2264	2197	PSI