



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company J. A. Allison Lease & Well No. Gaschler #1
Elevation 3123 Kelly Bushing Base of Kansas City Effective Pay ---- Ft. Ticket No. 3128
Date 10/28/79 Sec. 20 Twp. 18S Range 34W County Scott State Kansas
Test Approved by Delbert J. Costa Western Representative Randy Lackey
Formation Test No. 1 Interval Tested from 4382 ft. to 4442 ft. Total Depth 4442 ft.
Packer Depth 4377 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4382 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4436 ft. Recorder Number 3473 Cap. 4000 PSI
Bottom Recorder Depth (Outside) 4439 ft. Recorder Number 2608 Cap. 4150 PSI
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Gabbert-Jones Drilling Drill Collar Length 435 I. D. 2.26 in.
Mud Type starch Viscosity 45 Weight Pipe Length - I. D. - in.
Weight 9.7 Water Loss 13.6 cc. Drill Pipe Length 3972 I. D. 3.8 in.
Chlorides 34,500 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.
Jars: Make None Serial Number --- Anchor Length 60 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out Yes 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: Strong throughout Initial flow period. Strong throughout Final Flow period.

Recovered 2500 ft. of water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Chlorides 31,000 ppm fillup

Time Set Packer(s) 7:41 A.M. P.M. Time Started Off Bottom 10:30 A.M. P.M. Maximum Temperature 124⁰
Initial Hydrostatic Pressure 2431 P.S.I. (A)
Initial Flow Period 35 Minutes (B) 285 P.S.I. to (C) 842 P.S.I.
Initial Closed In Period 30 Minutes (D) 1187 P.S.I.
Final Flow Period 60 Minutes (E) 927 P.S.I. to (F) 1146 P.S.I.
Final Closed In Period 45 Minutes (G) 1229 P.S.I.
Final Hydrostatic Pressure 2369 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 10/28/79 Recorder No. 3473 Capacity 4000 Test Ticket No. 3128
 Clock No. --- Elevation 3123 Kelly Bushing Location 124 Ft. 124
 Well Temperature --- °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2431	P.S.I.	7:41A	M
B First Initial Flow Pressure	285	P.S.I.	30	Mins. 35
C First Final Flow Pressure	842	P.S.I.	30	Mins. 30
D Initial Closed-in Pressure	1187	P.S.I.	60	Mins. 60
E Second Initial Flow Pressure	927	P.S.I.	45	Mins. 45
F Second Final Flow Pressure	1146	P.S.I.		
G Final Closed-in Pressure	1229	P.S.I.		
H Final Hydrostatic Mud	2369	P.S.I.		

PRESSURE BREAKDOWN

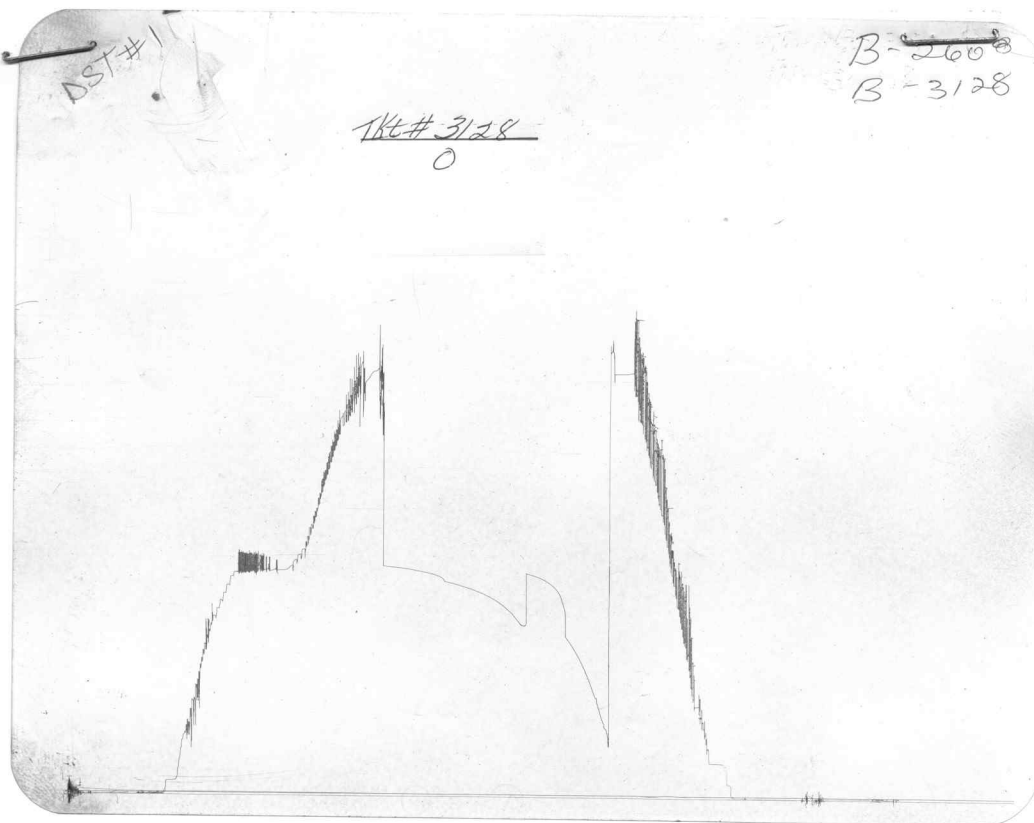
First Flow Pressure
 Breakdown: 7 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 10 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: 15 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 0	285	0	842	0	927	0	1146
P 2 5	387	3	1035	5	935	3	1165
P 3 10	512	6	1083	10	970	6	1175
P 4 15	598	9	1108	15	1004	9	1183
P 5 20	679	12	1130	20	1035	12	1187
P 6 25	754	15	1146	25	1057	15	1197
P 7 30	811	18	1157	30	1075	18	1201
P 8 35	842	21	1167	35	1091	21	1205
P 9		24	1177	40	1107	24	1209
P10		27	1181	45	1119	27	1213
P11		30	1187	50	1130	30	1215
P12				55	1138	33	1217
P13				60	1146	36	1222
P14						39	1224
P15						42	1227
P16						45	1229
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2420	2431	PSI
(B) First Initial Flow Pressure	287	285	PSI
(C) First Final Flow Pressure	829	842	PSI
(D) Initial Closed-in Pressure	1433	1187	PSI
(E) Second Initial Flow Pressure	927	927	PSI
(F) Second Final Flow Pressure	1274	1146	PSI
(G) Final Closed-in Pressure	1465	1229	PSI
(H) Final Hydrostatic Mud	2390	2369	PSI



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Company J. A. Allison Lease & Well No. Gaschler #1
Elevation 3123 Kelly Bushing Formation Marmaton Effective Pay --- Ft. Ticket No. 3130
Date 10/30/79 Sec. 20 Twp 18S Range 34W County Scott State Kansas
Test Approved by Delbert J. Costa Western Representative Randy Lackey

Formation Test No. 3 Interval Tested from 4548 ft. to 4579 ft. Total Depth 4579 ft.
Packer Depth 4543 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4578 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4570 ft. Recorder Number 3473 Cap. 4000 PSI
Bottom Recorder Depth (Outside) 4573 ft. Recorder Number 2608 Cap. 4150 PSI
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Gabbert-Jones Drill Collar Length 465 I. D. 2.26 in.
Mud Type starch Viscosity 49 Weight Pipe Length --- I. D. --- in.
Weight 9.8 Water Loss 10.4 cc. Drill Pipe Length 4099 I. D. 3.8 in.
Chlorides 40,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.
Jars: Make None Serial Number --- Anchor Length 31 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. Tool Joint Size 4 1/2 FH in.

Blow: Very weak. Dead ten minutes into Initial flow period. Flushed tool at beginning of Final Flow Period. Dead throughout Final Flow Period.

Recovered 5 ft. of mud
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks:

Time Set Packer(s) 10:00 ~~A.M.~~ P.M. Time Started Off Bottom 1:04 ~~A.M.~~ P.M. Maximum Temperature 124°
Initial Hydrostatic Pressure 2473 P.S.I.
Initial Flow Period 30 Minutes (B) 51 P.S.I. to (C) 39 P.S.I.
Initial Closed In Period 45 Minutes (D) 78 P.S.I.
Final Flow Period 64 Minutes (E) 34 P.S.I. to (F) 34 P.S.I.
Final Closed In Period 45 Minutes (G) 74 P.S.I.
Final Hydrostatic Pressure 2439 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 10/30/79 Recorder No. 3473 Capacity 4000 Test Ticket No. 3130
 Clock No. --- Elevation 3123 Location Kelly Bushing 124 Ft. Well Temperature --- °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2473	P.S.I.	10:00P	M
B First Initial Flow Pressure	51	P.S.I.	30	Mins.
C First Final Flow Pressure	39	P.S.I.	45	Mins.
D Initial Closed-in Pressure	78	P.S.I.	64	Mins.
E Second Initial Flow Pressure	34	P.S.I.	45	Mins.
F Second Final Flow Pressure	34	P.S.I.		
G Final Closed-in Pressure	74	P.S.I.		
H Final Hydrostatic Mud	2439	P.S.I.		

Open Tool

First Flow Pressure

Initial Closed-in Pressure

Second Flow Pressure

Final Closed-in Pressure

PRESSURE BREAKDOWN

First Flow Pressure

Breakdown: 6 Inc.

of 5 mins. and a

final inc. of 0 Min.

Initial Shut-In

Breakdown: 15 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 4 Min.

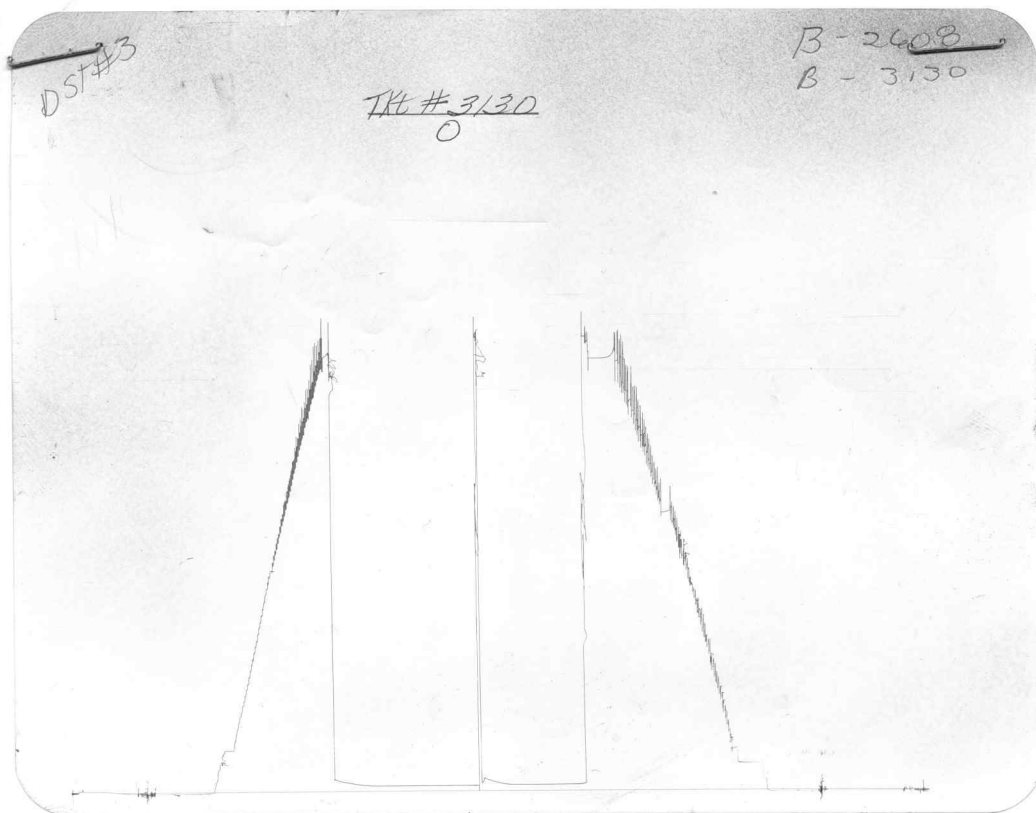
Final Shut-In

Breakdown: 15 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 <u>0</u>	51	0	39	0	34	0	34
P 2 <u>5</u>	47	3	39	5	Flushed tool	3	34
P 3 <u>10</u>	43	6	39	10	34	6	34
P 4 <u>15</u>	41	9	39	15	34	9	37
P 5 <u>20</u>	39	12	39	20	34	12	39
P 6 <u>25</u>	39	15	39	25	34	15	41
P 7 <u>30</u>	39	18	39	30	34	18	43
P 8		21	42	35	34	21	45
P 9		24	45	40	34	24	47
P10		27	49	45	34	27	49
P11		30	53	50	34	30	53
P12		33	56	55	34	33	58
P13		36	59	60	34	36	62
P14		39	66	64	34	39	67
P15		42	72			42	70
P16		45	78			45	74
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2482	2473	PSI
(B) First Initial Flow Pressure	47	51	PSI
(C) First Final Flow Pressure	32	39	PSI
(D) Initial Closed-in Pressure	80	78	PSI
(E) Second Initial Flow Pressure	32	34	PSI
(F) Second Final Flow Pressure	32	34	PSI
(G) Final Closed-in Pressure	64	74	PSI
(H) Final Hydrostatic Mud	2452	2439	PSI