



Home Office: Wichita, Kansas 67201

P. O. Box 1599

(316) 838-0601

Company J. A. Allison

Lease & Well No.

Schribner #1

Elevation 1165 Kelly Bushing Formation Hunton

Effective Pay

Ft. Ticket No.

3233

Date 8/20/79 Sec 14 Twp 34S Range 2W County Sumner State Kansas

Test Approved by Clark A. Roach

Western Representative

Ron Emmons

Formation Test No. 1 Interval Tested from 2075' ft. to 2090' ft. Total Depth 2090' ft.

Packer Depth 2075 ft. Size 6 3/4 in.

Packer Depth - ft. Size - in.

Packer Depth - ft. Size - in.

Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2081 ft.

Recorder Number 1562 Cap. 3150

Bottom Recorder Depth (Outside) 2084 ft.

Recorder Number 3085 Cap. 4500

Below Straddle Recorder Depth - ft.

Recorder Number - Cap. -

Drilling Contractor DNB Drilling Rig #3

Drill Collar Length - I. D. - in.

Mud Type salt Viscosity 30

Weight Pipe Length 753 I. D. 2.7 in.

Weight 10 Water Loss 80 cc.

Drill Pipe Length 1307 I. D. 3.8 in.

Chlorides 28,000 P.P.M.

Test Tool Length 15 ft. Tool Size 5 1/2 OD in.

Jars: Make - Serial Number -

Anchor Length 15 ft. Size 5 1/2 OD in.

Did Well Flow? No Reversed Out -

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 X0 in.

Blow: Strong throughout flow periods. Gas to surface 58 minutes of first period but not strong enough to gauge.

Recovered 92 ft. of watery gassy mud

Recovered 124 ft. of muddy gassy water

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: Took sample of gas bottle #42.

READ RECORDER # 3085

Time Set Packer(s) 2:50 A.M. P.M. Time Started Off Bottom 6:50 A.M. P.M. Maximum Temperature 104

Initial Hydrostatic Pressure ..... (A) 1125 P.S.I.

Initial Flow Period ..... Minutes 60 (B) 33 P.S.I. to (C) 43 P.S.I.

Initial Closed In Period ..... Minutes 60 (D) 930 P.S.I.

Final Flow Period ..... Minutes 90 (E) 72 P.S.I. to (F) 91 P.S.I.

Final Closed In Period ..... Minutes 90 (G) 928 P.S.I.

Final Hydrostatic Pressure ..... (H) 1067 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 8/20/79 Test Ticket No. 3233  
 Recorder No. 3085 Capacity 4500 Location 2084 Ft.  
 Clock No. -- Elevation 1165 Kelly Bushing Well Temperature 104.0 F.

Point	Pressure		Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	1125	P.S.I.		2:50A	M
B First Initial Flow Pressure	33	P.S.I.	First Flow Pressure	60	60 Mins.
C First Final Flow Pressure	43	P.S.I.	Initial Closed-in Pressure	60	60 Mins.
D Initial Closed-in Pressure	930	P.S.I.	Second Flow Pressure	90	90 Mins.
E Second Initial Flow Pressure	72	P.S.I.	Final Closed-in Pressure	90	90 Mins.
F Second Final Flow Pressure	91	P.S.I.			
G Final Closed-in Pressure	928	P.S.I.			
H Final Hydrostatic Mud	1067	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>30</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	33	0	43	0	72	0	91
P 2 5	33	3	72	5	65	3	301
P 3 10	31	6	196	10	61	6	478
P 4 15	31	9	342	15	61	9	595
P 5 20	31	12	495	20	61	21	665
P 6 25	31	15	607	25	66	15	732
P 7 30	31	18	667	30	67	18	769
P 8 35	36	21	725	35	70	21	795
P 9 40	43	24	769	40	73	24	818
P10 45	43	27	802	45	76	27	835
P11 50	43	30	828	50	77	30	853
P12 55	43	33	852	55	78	33	861
P13 60	43	36	866	60	79	36	869
P14		39	879	65	80	39	878
P15		42	888	70	82	42	886
P16		45	902	75	84	45	893
P17		48	908	80	86	48	895
P18		51	914	85	89	51	899
P19		54	921	90	91	54	904
P20		57	926			57	909
		60	930			60	914

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 8/20/79 Test Ticket No. 3233  
 Recorder No. 3085 Capacity 4500 Location 2084 Ft.  
 Clock No. -- Elevation 1165 Kelly Bushing Well Temperature 104.0 F

Point	Pressure		Open Tool	Time Given		Time Computed	
		P.S.I.			M		Mins
A. Initial Hydrostatic Mud	1125	P.S.I.		2:50A			
B First Initial Flow Pressure	33	P.S.I.	First Flow Pressure	60	Mins.	60	Mins.
C First Final Flow Pressure	43	P.S.I.	Initial Closed-in Pressure	60	Mins.	60	Mins.
D Initial Closed-in Pressure	930	P.S.I.	Second Flow Pressure	90	Mins.	90	Mins.
E Second Initial Flow Pressure	72	P.S.I.	Final Closed-in Pressure	90	Mins.	90	Mins.
F Second Final Flow Pressure	91	P.S.I.					
G Final Closed-in Pressure	928	P.S.I.					
H Final Hydrostatic Mud	1067	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.

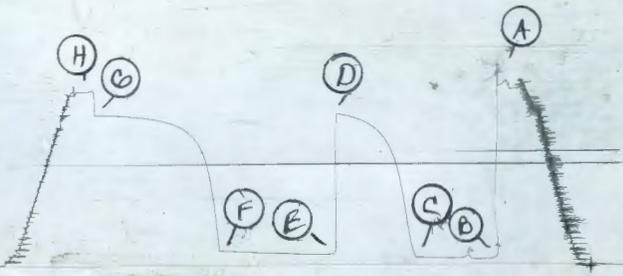
**Second Flow Pressure**  
 Breakdown: 18 Inc.  
 of 5 mins. and a  
 final inc. of 0 Min.

**Final Shut-In**  
 Breakdown: 30 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								63
P 2								66
P 3								69
P 4								72
P 5								75
P 6								78
P 7								81
P 8								84
P 9								87
P10								90
P11								
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								

3083

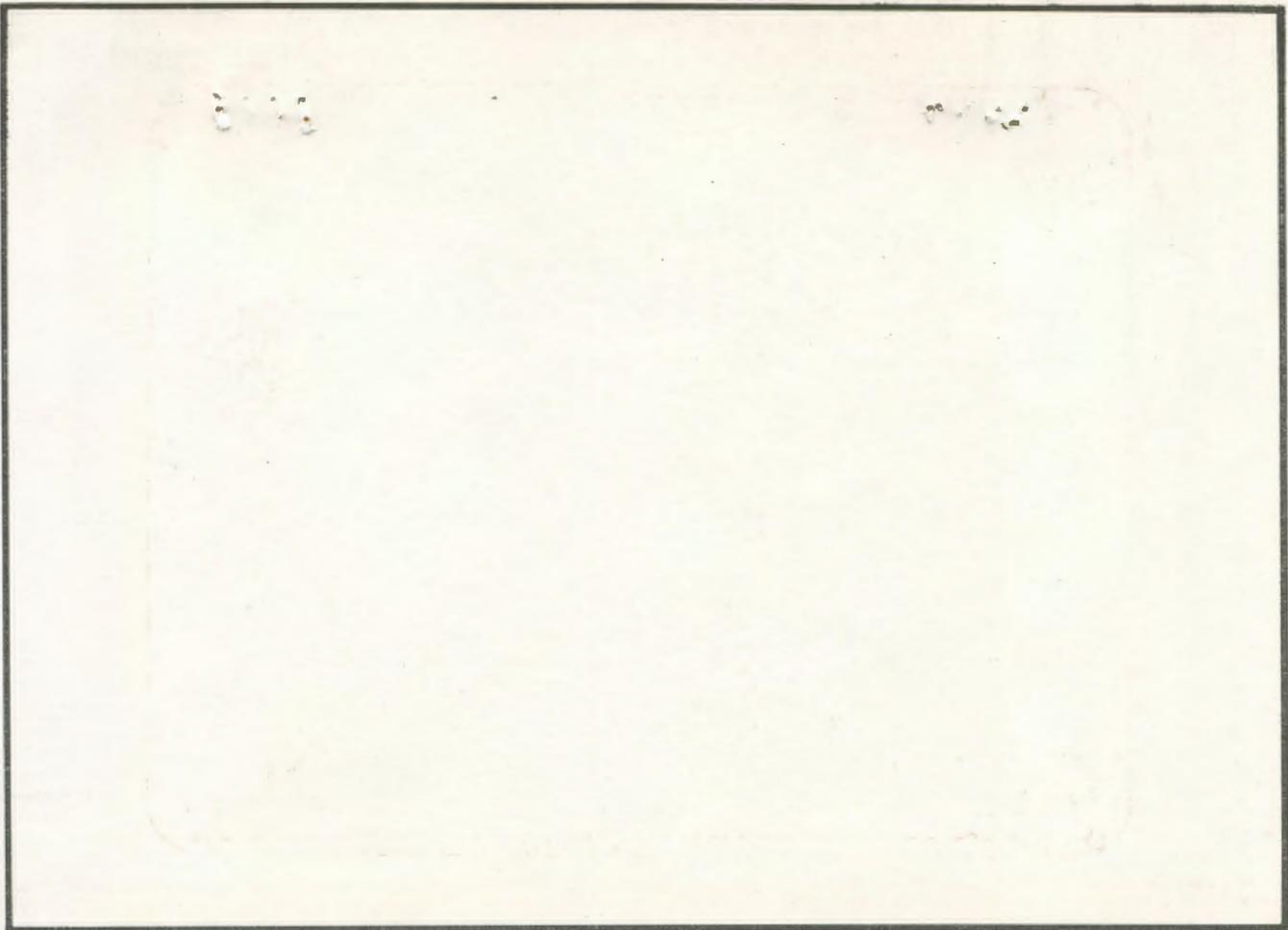
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TKL # 3233  
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This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud .....	1071	1125	PSI
(B) First Initial Flow Pressure .....	23	33	PSI
(C) First Final Flow Pressure .....	47	43	PSI
(D) Initial Closed-in Pressure .....	944	930	PSI
(E) Second Initial Flow Pressure .....	59	72	PSI
(F) Second Final Flow Pressure .....	95	91	PSI
(G) Final Closed-in Pressure .....	944	928	PSI
(H) Final Hydrostatic Mud .....	1060	1067	PSI



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Company J. A. Allison Lease & Well No. Schribner #1  
Elevation 1165 Kelly Bushing Formation Topeka Effective Pay -- Ft. Ticket No. 3234  
Date 8/21/79 Sec. 14 Twp. 34S Range 2W County Sumner State Kansas  
Test Approved by Clark A. Roach Western Representative Ron Emmons

Formation Test No. 2 Interval Tested from 2213 ft. to 2226 ft. Total Depth 2226 ft.  
Packer Depth 2213 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -  
Top Recorder Depth (Inside) 2217 ft. Recorder Number 1562 Cap. 3150  
Bottom Recorder Depth (Outside) 2220 ft. Recorder Number 3085 Cap. 4500  
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor DNB Drilling Rig #3 Drill Collar Length - I. D. - in.  
Mud Type salt Viscosity 40 Weight Pipe Length 753 I. D. 2.7 in.  
Weight 9.9 Water Loss 68 cc. Drill Pipe Length 1443 I. D. 3.8 in.  
Chlorides 22,000 P.P.M. Test Tool Length 15 ft. Tool Size 5 1/2 OD in.  
Jars: Make -- Serial Number -- Anchor Length 13 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 X0 in.

Blow: Strong throughout flow periods.

Recovered 2000 ft. of salt water  
Recovered - ft. of -  
Recovered - ft. of chlorides 114,000 ppm Top  
Recovered - ft. of chlorides 155,000 ppm Bottom  
Recovered - ft. of -

Remarks: -

Time Set Packer(s) 8:57 A.M. = P.M. = Time Started Off Bottom 12:57 A.M. -P.M. Maximum Temperature 10  
Initial Hydrostatic Pressure 1249 (A) PSI.  
Initial Flow Period 60 Minutes (B) 122 (C) 791 PSI.  
Initial Closed In Period 60 Minutes (D) 1052 PSI.  
Final Flow Period 60 Minutes (E) 836 (F) 991 PSI.  
Final Closed In Period 60 Minutes (G) 1064 PSI.  
Final Hydrostatic Pressure 1141 (H) PSI.

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 8/21/79 Test Ticket No. 3234  
 Recorder No. 1562 Capacity 3150 Location 2217 Ft.  
 Clock No. -- Elevation 1165 Kelly Bushing Well Temperature 104 °F

Point	Pressure			Time Given	Time Computed	
		P.S.I.			M	Mins.
A. Initial Hydrostatic Mud	1249	P.S.I.	Open Tool	8:57A		
B. First Initial Flow Pressure	122	P.S.I.	First Flow Pressure	60	Mins.	60 Mins.
C. First Final Flow Pressure	791	P.S.I.	Initial Closed-in Pressure	60	Mins.	60 Mins.
D. Initial Closed-in Pressure	1052	P.S.I.	Second Flow Pressure	60	Mins.	60 Mins.
E. Second Initial Flow Pressure	836	P.S.I.	Final Closed-in Pressure	60	Mins.	60 Mins.
F. Second Final Flow Pressure	991	P.S.I.				
G. Final Closed-in Pressure	1064	P.S.I.				
H. Final Hydrostatic Mud	1141	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: 20 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	
	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	122	0	791	0	836	0	991
P 2	5	200	3	1035	5	838	3	1041
P 3	10	309	6	1041	10	847	6	1049
P 4	15	382	9	1044	15	871	9	1050
P 5	20	438	12	1047	20	895	12	1052
P 6	25	496	15	1050	25	909	15	1053
P 7	30	551	18	1052	30	924	18	1053
P 8	35	594	21	1052	35	942	21	1054
P 9	40	538	24	1052	40	960	24	1054
P10	45	680	27	1052	45	973	27	1055
P11	50	725	30	1052	50	979	30	1055
P12	55	758	33	1052	55	985	33	1055
P13	60	791	36	1052	60	991	36	1055
P14			39	1052			39	1055
P15			42	1052			42	1055
P16			45	1052			45	1055
P17			48	1052			48	1055
P18			51	1052			51	1058
P19			54	1052			54	1060
P20			57	1052			57	1062
			60	1052			60	1064

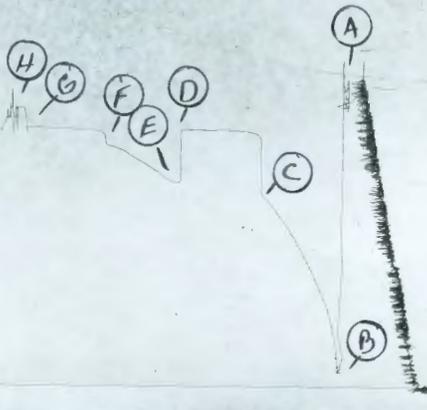
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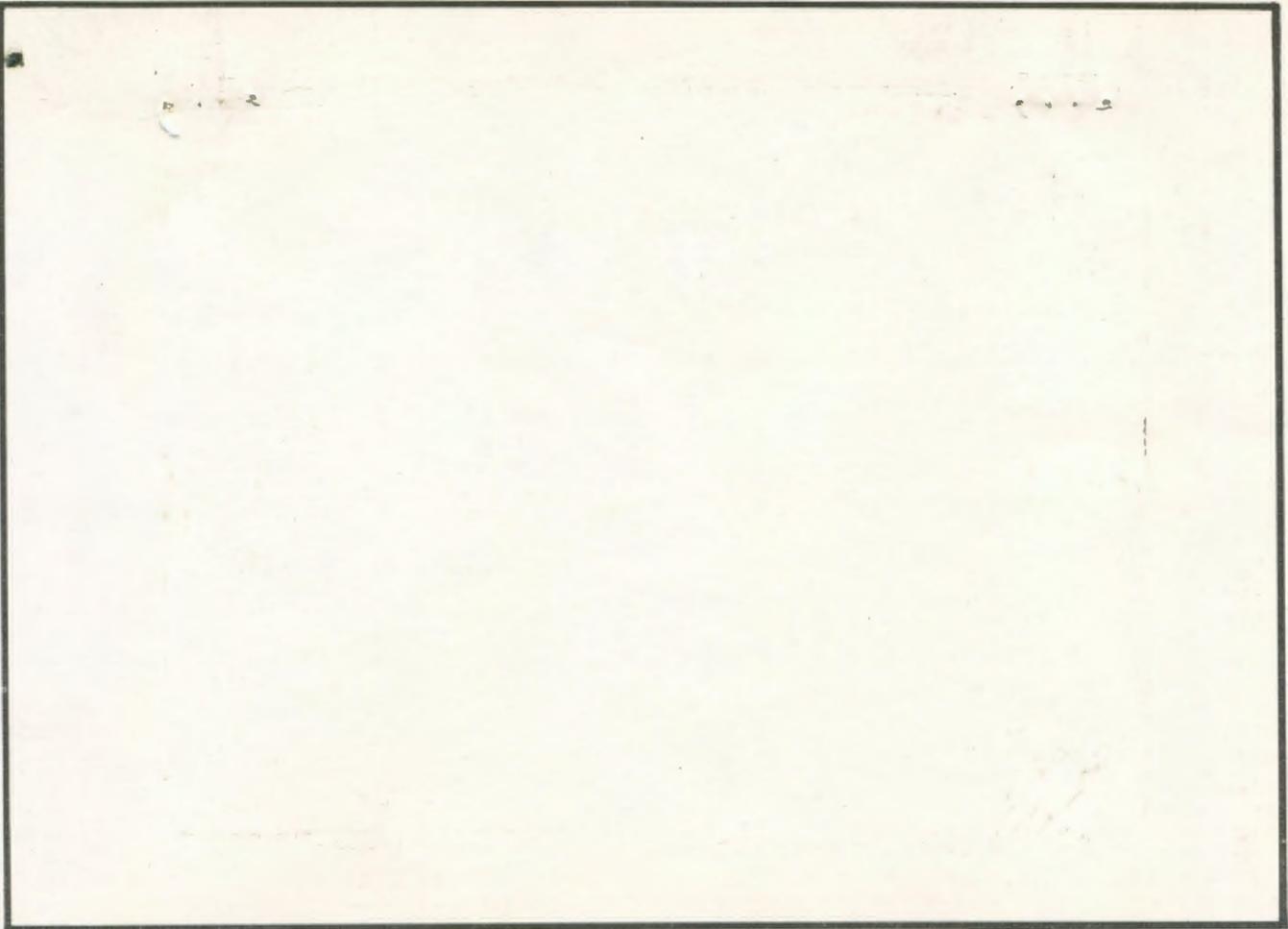
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This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud .....	1233	1249	PSI
(B) First Initial Flow Pressure .....	179	122	PSI
(C) First Final Flow Pressure .....	757	791	PSI
(D) Initial Closed-in Pressure .....	1013	1052	PSI
(E) Second Initial Flow Pressure .....	780	836	PSI
(F) Second Final Flow Pressure .....	967	991	PSI
(G) Final Closed-in Pressure .....	1013	1064	PSI
(H) Final Hydrostatic Mud .....	1117	1141	PSI



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Company J.A. Allison

Lease & Well No. \_\_\_\_\_

Scribner #1

Elevation 1165 Kelly Bush Formation Kansas City

Effective Pay \_\_\_\_\_ Ft. Ticket No. 3236

Date 8-24-79 Sec 14 Twp 34S Range 2W

County Sumner State Kansas

Test Approved by Clark A. Roach

Western Representative Ron Emmons

Formation Test No. 83 Interval Tested from 3562 ft. to 3573 ft. Total Depth 3573 ft.

Packer Depth 3562 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3563 ft.

Recorder Number 1562 Cap 3200

Bottom Recorder Depth (Outside) 3566 ft.

Recorder Number 3085 Cap 4500

Below Straddle Recorder Depth \_\_\_\_\_ ft.

Recorder Number \_\_\_\_\_ Cap \_\_\_\_\_

Drilling Contractor D.N.B. Drlg. #3

Drill Collar Length \_\_\_\_\_ I. D. \_\_\_\_\_ in.

Mud Type Salt Viscosity 35+

Weight Pipe Length 631 I. D. 2.7 in.

Weight 9.8+ Water Loss 17.6 cc.

Drill Pipe Length 2916 I. D. 3.8 in.

Chlorides 7,000 P.P.M.

Test Tool Length 15 ft. Tool Size 5 1/2 OD in.

Jars: Make \_\_\_\_\_ Serial Number \_\_\_\_\_

Anchor Length 11 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

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH

Blow: Weak blow on first flow period. No blow on second flow period.

Recovered 10 ft. of drilling mud (a few spots of oil on top of tool)

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

Time Set Packer(s) 4:55 <sup>A.M.</sup> ~~P.M.~~ = Time Started Off Bottom 6:55 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature 121

Initial Hydrostatic Pressure ..... (A) 1944 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 48 P.S.I. to (C) 50 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 50 P.S.I.

Final Flow Period ..... Minutes 30 (E) 50 P.S.I. to (F) 49 P.S.I.

Final Closed In Period ..... Minutes 30 (G) 53 P.S.I.

Final Hydrostatic Pressure ..... (H) 1905 P.S.I.

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 8-24-79 Test Ticket No. 3236  
 Recorder No. 1562 Capacity 3200 Location 3562 Ft.  
 Clock No. - Elevation 1165 Kelly Bushing Well Temperature 121 °F  
 Point Pressure Open Tool Time Given Time Computed  
 A. Initial Hydrostatic Mud 1944 P.S.I. 4:55P. M  
 B. First Initial Flow Pressure 48 P.S.I. First Flow Pressure 30 Mins. 30 Mins.  
 C. First Final Flow Pressure 50 P.S.I. Initial Closed-in Pressure 30 Mins. 30 Mins.  
 D. Initial Closed-in Pressure 50 P.S.I. Second Flow Pressure 30 Mins. 30 Mins.  
 E. Second Initial Flow Pressure 50 P.S.I. Final Closed-in Pressure 30 Mins. 30 Mins.  
 F. Second Final Flow Pressure 49 P.S.I.  
 G. Final Closed-in Pressure 53 P.S.I.  
 H. Final Hydrostatic Mud 1905 P.S.I.

**PRESSURE BREAKDOWN**

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		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>48</u>	<u>0</u>	<u>50</u>	<u>0</u>	<u>50</u>	<u>0</u>	<u>49</u>
P 2 <u>5</u>	<u>50</u>	<u>3</u>	<u>50</u>	<u>5</u>	<u>50</u>	<u>3</u>	<u>49</u>
P 3 <u>10</u>	<u>50</u>	<u>6</u>	<u>50</u>	<u>10</u>	<u>50</u>	<u>6</u>	<u>50</u>
P 4 <u>15</u>	<u>50</u>	<u>9</u>	<u>50</u>	<u>15</u>	<u>50</u>	<u>9</u>	<u>51</u>
P 5 <u>20</u>	<u>50</u>	<u>12</u>	<u>50</u>	<u>20</u>	<u>50</u>	<u>12</u>	<u>51</u>
P 6 <u>25</u>	<u>50</u>	<u>15</u>	<u>50</u>	<u>25</u>	<u>49</u>	<u>15</u>	<u>52</u>
P 7 <u>30</u>	<u>50</u>	<u>18</u>	<u>50</u>	<u>30</u>	<u>49</u>	<u>18</u>	<u>52</u>
P 8 _____	_____	<u>21</u>	<u>50</u>	_____	_____	<u>21</u>	<u>53</u>
P 9 _____	_____	<u>24</u>	<u>50</u>	_____	_____	<u>24</u>	<u>53</u>
P10 _____	_____	<u>27</u>	<u>50</u>	_____	_____	<u>27</u>	<u>53</u>
P11 _____	_____	<u>30</u>	<u>50</u>	_____	_____	<u>30</u>	<u>53</u>
P12 _____	_____	_____	_____	_____	_____	_____	_____
P13 _____	_____	_____	_____	_____	_____	_____	_____
P14 _____	_____	_____	_____	_____	_____	_____	_____
P15 _____	_____	_____	_____	_____	_____	_____	_____
P16 _____	_____	_____	_____	_____	_____	_____	_____
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____

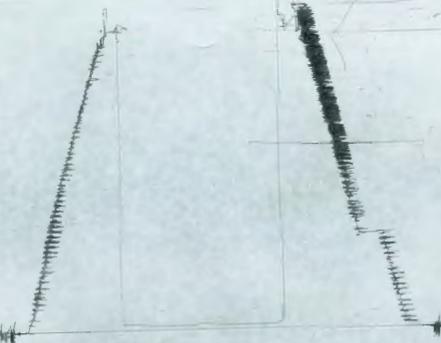
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This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud .....	1942	1944	PSI
(B) First Initial Flow Pressure .....	39	48	PSI
(C) First Final Flow Pressure .....	39	50	PSI
(D) Initial Closed-in Pressure .....	47	50	PSI
(E) Second Initial Flow Pressure .....	39	50	PSI
(F) Second Final Flow Pressure .....	39	49	PSI
(G) Final Closed-in Pressure .....	47	53	PSI
(H) Final Hydrostatic Mud .....	1901	1905	PSI



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

Elevation 1165 Kelly Bushing Formation Mississippi Effective Pay -- Ft. -- Ticket No. 3269

Date 8/27/79 Sec 14 Twp 34S Range 2W County Sumner State Kansas

Test Approved by Clark A. Roach Western Representative W. K. Hager

Formation Test No. 4 Interval Tested from 4116 ft. to 4130 ft. Total Depth 4130 ft.

Packer Depth 4116 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

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

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4122 ft. Recorder Number 1558 Cap. 4200

Bottom Recorder Depth (Outside) 4125 ft. Recorder Number 1559 Cap. 4200

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

Drilling Contractor DNB Drilling #3 Drill Collar Length - I. D. - in.

Mud Type salt Viscosity 42 Weight Pipe Length 600 I. D. 2 1/2 in.

Weight 9.9 Water Loss 13.6 cc. Drill Pipe Length 3500 I. D. 3.8 in.

Chlorides 4,000 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 in.

Jars: Make -- Serial Number -- Anchor Length 14 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: Weak increasing to fair blow on initial flow period/fair blow on final flow period.

Recovered 560 ft. of gas in pipe

Recovered 70 ft. of oil and gas cut mud (slightly oil cut)

Recovered 150 ft. of gas cut salt water

Recovered ft. of RECORDER CLOCK #1559 STOPPED

Remarks: RECORDER CLOCK #1559 STOPPED

Time Set Packer(s) 5:00 A.M. P.M. Time Started Off Bottom 9:00 A.M. P.M. Maximum Temperature 124

Initial Hydrostatic Pressure ..... (A) 2178 P.S.I.

Initial Flow Period ..... Minutes 60 (B) 42 P.S.I. to (C) 67 P.S.I.

Initial Closed In Period ..... Minutes 60 (D) 1513 P.S.I.

Final Flow Period ..... Minutes 60 (E) 105 P.S.I. to (F) 112 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 1471 P.S.I.

Final Hydrostatic Pressure ..... (H) 2056 P.S.I.

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 8/27/79 Test Ticket No. 3269  
 Recorder No. 1558 Capacity 4200 Location 4122 Ft.  
 Clock No. -- Elevation 1165 Kelly Bushing Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2178</u> P.S.I.	Open Tool	<u>5:00A</u> M	
B First Initial Flow Pressure	<u>42</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>67</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1513</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>105</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>112</u> P.S.I.			
G Final Closed-in Pressure	<u>1471</u> P.S.I.			
H Final Hydrostatic Mud	<u>2056</u> P.S.I.			

**PRESSURE BREAKDOWN**

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

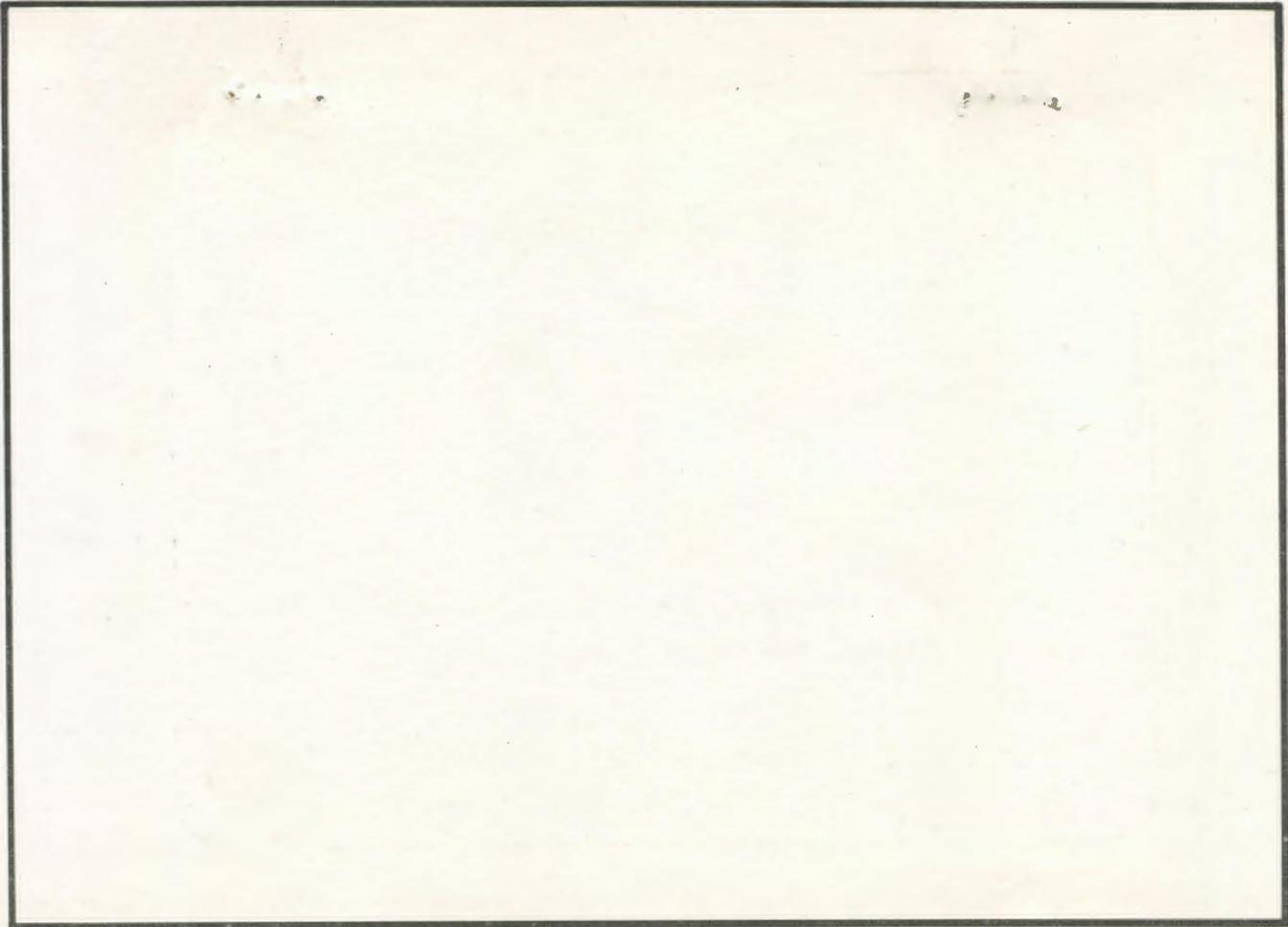
**Initial Shut-In**  
 Breakdown: 20 Inc.  
 of 3 mins. and a  
 final inc. of 0 Min.

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

**Final Shut-In**  
 Breakdown: 20 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	
	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	42	0	67	0	105	0	112
P 2	5	34	3	86	5	91	3	251
P 3	10	32	6	234	10	84	6	531
P 4	15	32	9	451	15	86	9	748
P 5	20	32	12	693	20	93	12	893
P 6	25	38	15	898	25	94	15	996
P 7	30	42	18	1010	30	95	18	1067
P 8	35	46	21	1092	35	101	21	1134
P 9	40	49	24	1178	40	105	24	1199
P10	45	53	27	1240	45	110	27	1247
P11	50	58	30	1291	50	111	30	1278
P12	55	61	33	1328	55	112	33	1311
P13	60	67	36	1357	60	112	36	1334
P14			39	1395			39	1357
P15			42	1418			42	1380
P16			45	1435			45	1397
P17			48	1460			48	1427
P18			51	1477			51	1443
P19			54	1494			54	1452
P20			57	1504			57	1563
			60	1513			60	1471





This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud .....	2184	2178	PSI
(B) First Initial Flow Pressure .....	63	42	PSI
(C) First Final Flow Pressure .....	73	67	PSI
(D) Initial Closed-in Pressure .....	1518	1513	PSI
(E) Second Initial Flow Pressure .....	105	105	PSI
(F) Second Final Flow Pressure .....	126	112	PSI
(G) Final Closed-in Pressure .....	1476	1471	PSI
(H) Final Hydrostatic Mud .....	2056	2056	PSI