

Company Molz Oil Company Lease & Well No. Kessler #2  
 Elevation 1386 Kelly Bushing Formation Mississippi Effective Pay -- Ft. Ticket No. 2121  
 Date 12/1/78 Sec. 11 Twp. 35S Range 12W County Barber State Kansas  
 Test Approved by Gordon W. Keen Western Representative Denis Wondra

Formation Test No. 1 Interval Tested from 4784' ft. to 4845' ft. Total Depth 4845' ft.  
 Packer Depth 4779 ft. Size 6 3/4 in. Packer Depth 4784 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) 4797 ft. Recorder Number 3474 Cap. 3000  
 Bottom Recorder Depth (Outside) 4800 ft. Recorder Number 3659 Cap. 4000  
 Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --

Drilling Contractor Sweetman Drilling Rig #1 Drill Collar Length 280 I. D. 2.7 in.  
 Mud Type Gel Viscosity 47 Weight Pipe Length -- I. D. -- in.  
 Weight 9.3 Water Loss 18.4 cc. Drill Pipe Length 4483 I. D. 3.8 in.  
 Chlorides --- P.P.M. Test Tool Length 82 ft. in. Tool Size 4 1/2 FH in.  
 Jars: Make -- Serial Number -- Anchor Length 61 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 --- in.

Blow: Steady 1" blow throughout first flow period. Good. Increased to strong in 45 minutes on second opening.

Recovered 70 ft. of drilling mud  
 Recovered --- ft. of ---  
 Recovered --- ft. of ---  
 Recovered --- ft. of ---  
 Recovered --- ft. of ---

Remarks: Slid tool 5' to bottom.

Time Set Packer(s) 4:43 ~~P.M.~~ <sup>A.M.</sup> Time Started Off Bottom 8:15 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature Broken  
 Initial Hydrostatic Pressure ..... (A) 2518 P.S.I.  
 Initial Flow Period ..... Minutes 30 (B) 48 P.S.I. to (C) 53 P.S.I.  
 Initial Closed In Period ..... Minutes 30 (D) 673 P.S.I.  
 Final Flow Period ..... Minutes 60 (E) 53 P.S.I. to (F) 55 P.S.I.  
 Final Closed In Period ..... Minutes 90 (G) 388 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 2473 P.S.I.

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

Date 12/1/78 Test Ticket No. 2121  
 Recorder No. 3474 Capacity 3000 Location 4797 Ft.  
 Clock No. -- Elevation 1386 Kelly Bushing Well Temperature -- °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2518 P.S.I.	Open Tool	4:43A M	
B First Initial Flow Pressure	48 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	53 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	673 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	53 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	55 P.S.I.			
G Final Closed-in Pressure	388 P.S.I.			
H Final Hydrostatic Mud	2473 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: 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: 30 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	48	0	53	0	55	
P 2	5	53	3	65	5	100	
P 3	10	53	6	424	10	117	
P 4	15	53	9	470	15	126	
P 5	20	53	12	503	20	139	
P 6	25	53	15	530	25	153	
P 7	30	53	18	561	30	164	
P 8			21	594	35	171	
P 9			24	621	40	183	
P10			27	650	45	192	
P11			30	673	50	203	
P12					55	210	
P13					60	217	
P14						39	224
P15						42	231
P16						45	238
P17						48	247
P18						51	259
P19						54	268
P20						57	280
						60	291

**WESTERN TESTING CO., INC.**

**Pressure Data**

Date 12/1/78

Test Ticket No. 2121

Recorder No. 3474

Capacity 3000

Location 4797 Ft.

Clock No. --

Elevation 1386 Kelly Bushing

Well Temperature -- °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2518</u> P.S.I.	Open Tool	<u>4:43A</u> M	
B First Initial Flow Pressure	<u>48</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>53</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>673</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>53</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>90</u> Mins.
F Second Final Flow Pressure	<u>55</u> P.S.I.			
G Final Closed-in Pressure	<u>388</u> P.S.I.			
H Final Hydrostatic Mud	<u>2473</u> P.S.I.			

**PRESSURE BREAKDOWN**

**First Flow Pressure**

Breakdown:        Inc.  
of 5 mins. and a  
final inc. of 0 Min.

**Initial Shut-In**

Breakdown:        Inc.  
of 3 mins. and a  
final inc. of 0 Min.

**Second Flow Pressure**

Breakdown:        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.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						<u>63</u>	<u>302</u>
P 2						<u>66</u>	<u>311</u>
P 3						<u>69</u>	<u>320</u>
P 4						<u>72</u>	<u>331</u>
P 5						<u>75</u>	<u>342</u>
P 6						<u>78</u>	<u>351</u>
P 7						<u>81</u>	<u>360</u>
P 8						<u>84</u>	<u>370</u>
P 9						<u>87</u>	<u>379</u>
P10						<u>90</u>	<u>388</u>
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

(A)

(A)

TK#2121  
I.

(D)

(G)

(F)

(E)

(C)

(B)

71

Company Molz Oil Company Lease & Well No. Kessler #2  
 Elevation - Formation Mississippi Effective Pay - Ft. Ticket No. 1494  
 Date 12-2-78 Sec. 11 Twp. 35S Range 12W County Barber State Kansas  
 Test Approved by Gordon W. Keene Western Representative Jim Wondra

Formation Test No. 2 Interval Tested from 4846 ft. to 4930 ft. Total Depth 4930 ft.  
 Packer Depth 4841 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 4846 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4920 ft. Recorder Number 2607 Cap. 4150  
 Bottom Recorder Depth (Outside) 4923 ft. Recorder Number 3351 Cap. 4000  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Sweetman #1 Drill Collar Length 180 I. D. 2 1/4 in.

Mud Type - Viscosity 54 Weight Pipe Length - I. D. - in.

Weight 9.0 Water Loss 50 cc. Drill Pipe Length 4637 I. D. 3.8 in.

Chlorides - P.P.M. Test Tool Length 29ft in. Tool Size 5 1/2 OD in.

Jars: Make WTC Serial Number 408 Anchor Length 84 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 FH in.

Blow: Weak to strong blow on first and second flow periods.

Recovered 180 ft. of Slightly oil cut mud

Recovered     ft. of    

Recovered     ft. of    

Recovered     ft. of    

Recovered     ft. of    

Remarks:    

Time Set Packer(s) 11:45 A.M.- P.M. Time Started Off Bottom 3:15 A.M.- P.M. Maximum Temperature 124

Initial Hydrostatic Pressure     (A) 2569 P.S.I.

Initial Flow Period     Minutes 30 (B) 126 P.S.I. to (C) 129 P.S.I.

Initial Closed In Period     Minutes 30 (D) 288 P.S.I.

Final Flow Period     Minutes 60 (E) 157 P.S.I. to (F) 144 P.S.I.

Final Closed In Period     Minutes 90 (G) 654 P.S.I.

Final Hydrostatic Pressure     (H) 2292 P.S.I.

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

Date 12/2/78 Recorder No. 2607 Capacity 4150 Test Ticket No. 1494 Location 4920 Ft.  
 Clock No. -- Elevation -- Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2569 P.S.I.	Open Tool	11:45P	M
B First Initial Flow Pressure	126 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	129 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	288 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	157 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	144 P.S.I.			
G Final Closed-in Pressure	654 P.S.I.			
H Final Hydrostatic Mud	2292 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: 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: 30 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	126	0	129	0	157	0	144
P 2	5	127	3	137	5	152	3	152
P 3	10	129	6	150	10	146	6	159
P 4	15	129	9	163	15	144	9	169
P 5	20	129	12	176	20	144	12	180
P 6	25	129	15	190	25	144	15	186
P 7	30	129	18	214	30	144	18	193
P 8			21	237	35	144	21	201
P 9			24	260	40	144	24	214
P10			27	274	45	144	27	233
P11			30	288	50	144	30	243
P12					55	144	33	258
P13					60	144	36	265
P14							39	275
P15							42	290
P16							45	301
P17							48	318
P18							51	339
P19							54	360
P20							57	383
							60	409

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

Date 12/2/78 Recorder No. 2607 Capacity 4150 Test Ticket No. 1494 Location 4920 Ft.  
 Clock No. -- Elevation -- Well Temperature 124 °F

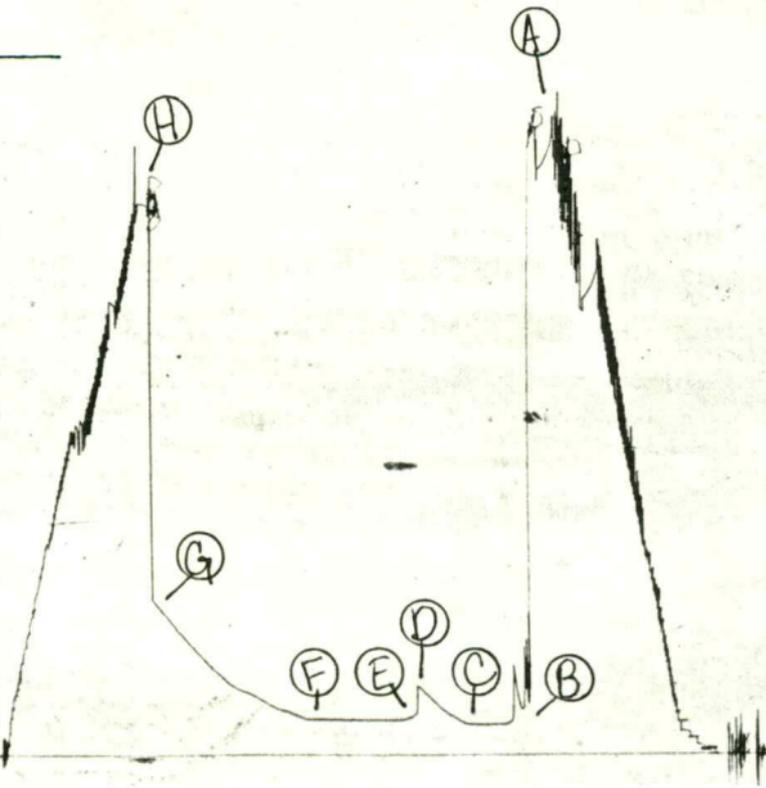
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2569</u> P.S.I.	Open Tool	<u>11:45P</u> M	
B First Initial Flow Pressure	<u>126</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>129</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>288</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>157</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>90</u> Mins.
F Second Final Flow Pressure	<u>144</u> P.S.I.			
G Final Closed-in Pressure	<u>654</u> P.S.I.			
H Final Hydrostatic Mud	<u>2292</u> P.S.I.			

**PRESSURE BREAKDOWN**

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1						63	428	
P 2						66	453	
P 3						69	483	
P 4						72	506	
P 5						75	529	
P 6						78	554	
P 7						81	581	
P 8						84	608	
P 9						87	635	
P10						90	654	
P11								
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								

TKT # 1494

I.



Company Molz Oil Company Lease & Well No. Kessler #2  
 Elevation -- Formation -- Effective Pay -- Ft. Ticket No. 1495  
 Date 12/3/78 Sec. 11 Twp. 35S Range 12W County Barber State Kansas  
 Test Approved by Gordon W. Keen Western Representative Jim Wondra

Formation Test No. 3 Interval Tested from 5088 ft. to 5194 ft. Total Depth 5194 ft.  
 Packer Depth 5083 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
 Packer Depth 5088 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
 Depth of Selective Zone Set --

Top Recorder Depth (Inside) 5092 ft. Recorder Number 2607 Cap. 4150  
 Bottom Recorder Depth (Outside) 5095 ft. Recorder Number 3351 Cap. 4000  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Sweetman #1 Drill Collar Length 150 I. D. 2 1/4 in.  
 Mud Type --- Viscosity 51 Weight Pipe Length - I. D. - in.  
 Weight 90 Water Loss 14.0 cc. Drill Pipe Length 4909 I. D. 3.8 in.  
 Chlorides --- P.P.M. Test Tool Length 29 ft. in. Tool Size 5 1/2 OD in.  
 Jars: Make WTC Serial Number 408 Anchor Length 106 ft. Size 5 1/2 OD 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: Weak to strong blow on first flow period. Strong blow throughout second opening.

Recovered 380 ft. of drilling mud  
 Recovered 3420 ft. of salt water (74,000 ppm)  
 Recovered --- ft. of ---  
 Recovered --- ft. of ---  
 Recovered --- ft. of ---

Remarks: ---

Time Set Packer(s) 12:10 <sup>AM</sup>/<sub>PM</sub> Time Started Off Bottom 2:40 <sup>AM</sup>/<sub>PM</sub> Maximum Temperature 126  
 Initial Hydrostatic Pressure (A) 2676 P.S.I.  
 Initial Flow Period Minutes 30 (B) 1025 P.S.I. to (C) 1399 P.S.I.  
 Initial Closed In Period Minutes 30 (D) 2078 P.S.I.  
 Final Flow Period Minutes 30 (E) 1542 P.S.I. to (F) 1865 P.S.I.  
 Final Closed In Period Minutes 60 (G) 2093 P.S.I.  
 Final Hydrostatic Pressure (H) 2630 P.S.I.

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

Date 12/3/78

Test Ticket No. 1495

Recorder No. 2607

Capacity 4150

Location 5092 Ft.

Clock No. --

Elevation --

Well Temperature 126 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2676	P.S.I.	12:10P	M
B First Initial Flow Pressure	1025	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	1399	P.S.I.	30	Mins. 30 Mins.
D Initial Closed-in Pressure	2078	P.S.I.	30	Mins. 30 Mins.
E Second Initial Flow Pressure	1542	P.S.I.	60	Mins. 60 Mins.
F Second Final Flow Pressure	1865	P.S.I.		
G Final Closed-in Pressure	2093	P.S.I.		
H Final Hydrostatic Mud	2630	P.S.I.		

**PRESSURE BREAKDOWN**

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

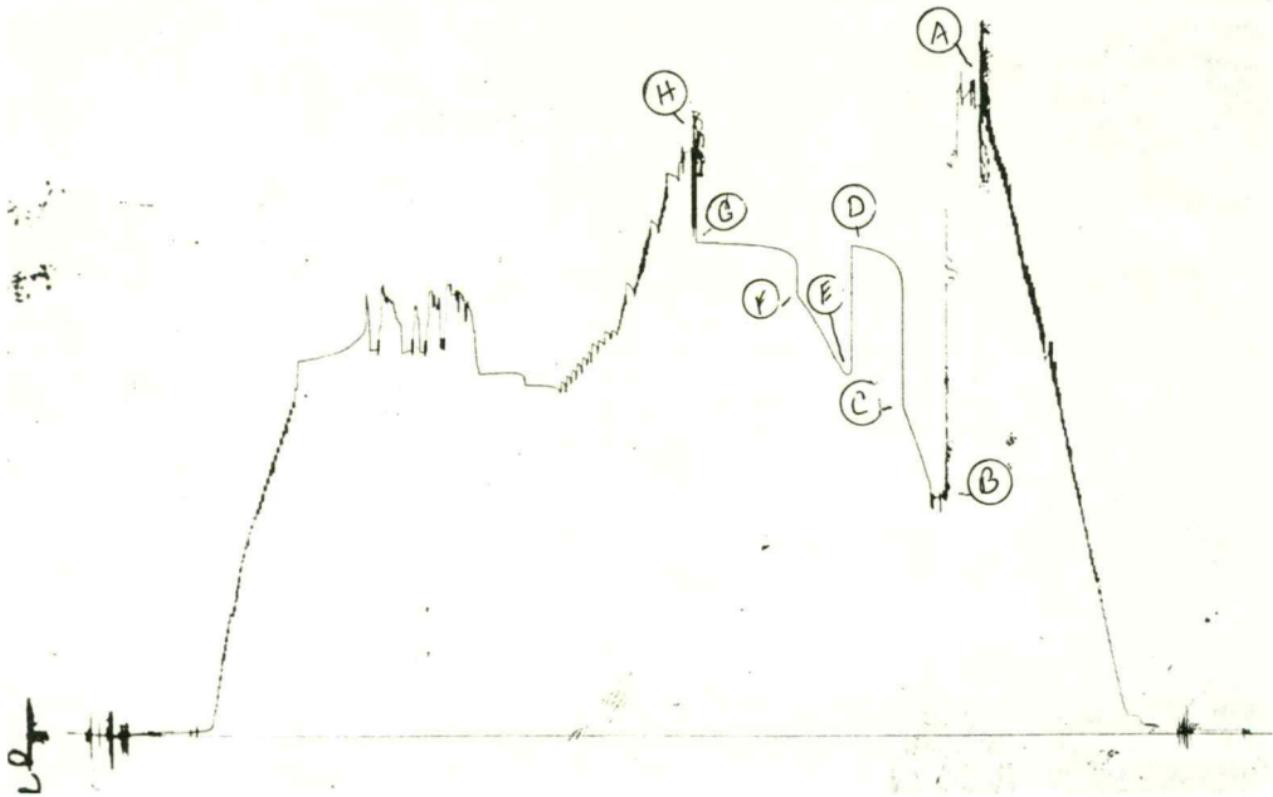
**Initial Shut-In**  
Breakdown: 10 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

**Second Flow Pressure**  
Breakdown: 6 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.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	1025	0	1399	0	1542	0	1865
P 2 5	1025	3	1985	5	1555	3	2036
P 3 10	1100	6	2017	10	1628	6	2051
P 4 15	1199	9	2036	15	1687	9	2061
P 5 20	1305	12	2048	20	1756	12	2067
P 6 25	1350	15	2055	25	1815	15	2072
P 7 30	1399	18	2063	30	1865	18	2076
P 8		21	2067			21	2078
P 9		24	2072			24	2080
P10		27	2076			27	2081
P11		30	2078			30	2082
P12						33	2083
P13						36	2084
P14						39	2085
P15						42	2086
P16						45	2087
P17						48	2088
P18						51	2090
P19						54	2091
P20						57	2092
						60	2093

TKZ # 1495  
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Company Molz Oil Company Lease & Well No. Kessler #2

Elevation -- Formation Simpson Dollemite Effective Pay -- Ft. Ticket No. 2139

Date 12/5/78 Sec. 11 Twp. 35S Range 12W County Barber State Kansas

Test Approved by Gordon W. Keen Western Representative Ron Emmons

Formation Test No. 4 Interval Tested from 5302 ft. to 5347' ft. Total Depth 5347' ft.

Packer Depth 5297 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 5302 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 5307 ft. Recorder Number 3660 Cap. 4000

Bottom Recorder Depth (Outside) 5310 ft. Recorder Number 1560 Cap. 6000

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

Drilling Contractor Sweetman Drilling Co. Rig #1 Drill Collar Length 275 I. D. 2 1/4 in.

Mud Type chemical Viscosity 48 Weight Pipe Length - I. D. - in.

Weight 8.9 Water Loss 16 cc. Drill Pipe Length 5004 I. D. 3.8 in.

Chlorides 53,000 P.P.M. Test Tool Length 23' in. Tool Size 5 1/2 OD in.

Jars: Make -- Serial Number -- Anchor Length 45 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 FH in.

Blow: Weak blow first period. Weak blow and started dieing off; was just blowing off top of water in bucket second period.

Recovered 8 ft. of mud

Recovered        ft. of       

Recovered        ft. of       

Recovered        ft. of       

Recovered        ft. of       

Remarks: Hit bridge 4458' (15 stands out) and again at 5113' (4 1/2 stand out). Slid tool 3-4 ft. to bottom.

Time Set Packer(s) 5:26 ~~P.M.~~ <sup>A.M.</sup> Time Started Off Bottom 8:56 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature Broken

Initial Hydrostatic Pressure ..... (A) 2744 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 59 P.S.I. to (C) 30 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 563 P.S.I.

Final Flow Period ..... Minutes 60 (E) 63 P.S.I. to (F) 32 P.S.I.

Final Closed In Period ..... Minutes 90 (G) 646 P.S.I.

Final Hydrostatic Pressure ..... (H) 2601 P.S.I.

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

Date 12/5/78 Test Ticket No. 2139  
 Recorder No. 3660 Capacity 4000 Location 5307 Ft.  
 Clock No. -- Elevation -- Well Temperature -- °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2744	P.S.I.	5:26A	M
B First Initial Flow Pressure	59	P.S.I.	30	Mins. 25
C First Final Flow Pressure	30	P.S.I.	30	Mins. 27
D Initial Closed-in Pressure	563	P.S.I.	60	Mins. 60
E Second Initial Flow Pressure	63	P.S.I.	90	Mins. 90
F Second Final Flow Pressure	32	P.S.I.		
G Final Closed-in Pressure	646	P.S.I.		
H Final Hydrostatic Mud	2601	P.S.I.		

**PRESSURE BREAKDOWN**

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>12</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	0	30	0	63	0	32
P 2	5	3	36	5	38	3	33
P 3	10	6	49	10	32	6	35
P 4	15	9	67	15	32	9	40
P 5	20	12	105	20	32	12	43
P 6	25	15	148	25	32	15	45
P 7		18	206	30	32	18	47
P 8		21	344	35	32	21	53
P 9		24	465	40	32	24	59
P10		27	563	45	32	27	65
P11				50	32	30	73
P12				55	32	33	81
P13				60	32	36	89
P14						39	103
P15						42	115
P16						45	130
P17						48	148
P18						51	172
P19						54	198
P20						57	225
						60	225

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

Date 12/5/78

Test Ticket No. 2139

Recorder No. 3660

Capacity 4000

Location 5307 Ft.

Clock No. -- Elevation --

Well Temperature -- °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>2744</u> P.S.I.	Open Tool	<u>5:26A</u> M	
B. First Initial Flow Pressure	<u>59</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>25</u> Mins.
C. First Final Flow Pressure	<u>30</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
D. Initial Closed-in Pressure	<u>563</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E. Second Initial Flow Pressure	<u>63</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>90</u> Mins.
F. Second Final Flow Pressure	<u>32</u> P.S.I.			
G. Final Closed-in Pressure	<u>646</u> P.S.I.			
H. Final Hydrostatic Mud	<u>2601</u> P.S.I.			

**PRESSURE BREAKDOWN**

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

**Initial Shut-In**  
Breakdown: 9 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: 30 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>63</u>	<u>259</u>
P 2						<u>66</u>	<u>293</u>
P 3						<u>69</u>	<u>336</u>
P 4						<u>72</u>	<u>385</u>
P 5						<u>75</u>	<u>429</u>
P 6						<u>78</u>	<u>476</u>
P 7						<u>81</u>	<u>522</u>
P 8						<u>84</u>	<u>577</u>
P 9						<u>87</u>	<u>633</u>
P10						<u>90</u>	<u>646</u>
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

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