Company Molz Oil Company Lease & Well No. Eloise #1

Elevation 1393 Kelly Bushing Formation Mississippi Effective Pay --- Ft. Ticket No. 5605

Date 1/26/80 Sec. 6 Twp. 35S Range 11W County Barber State Kansas

Test Approved by Gordon W. Keen Western Representative Rod Tritt

Formation Test No. 1 Interval Tested from 4808 ft. to 4816 ft. Total Depth 4816 ft.

Packer Depth 4803 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4808 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4798 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4810 ft. Recorder Number 6074 Cap. 5100

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

Drilling Contractor Sweatman Drilling Co. Drill Collar Length 277 I. D. 2¼ in.

Mud Type starch Viscosity 47 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 10 cc. Drill Pipe Length 4497 I. D. 3.8 in.

Chlorides -- P.P.M. Test Tool Length 34 ft. Tool Size 5½OD in.

Jars: Make WTC Serial Number 407 Anchor Length 8 ft. Size 5½OD 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 4½FH in.

Blow: Misrun Couldn't get to bottom. Hit bridge on 4346 feet.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of MISRUN

Recovered ft. of

Remarks:

Time Set Packer(s) A.M. P.M. Time Started Off Bottom A.M. P.M. Maximum Temperature

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

6074 DST #1

Tkt # 5605
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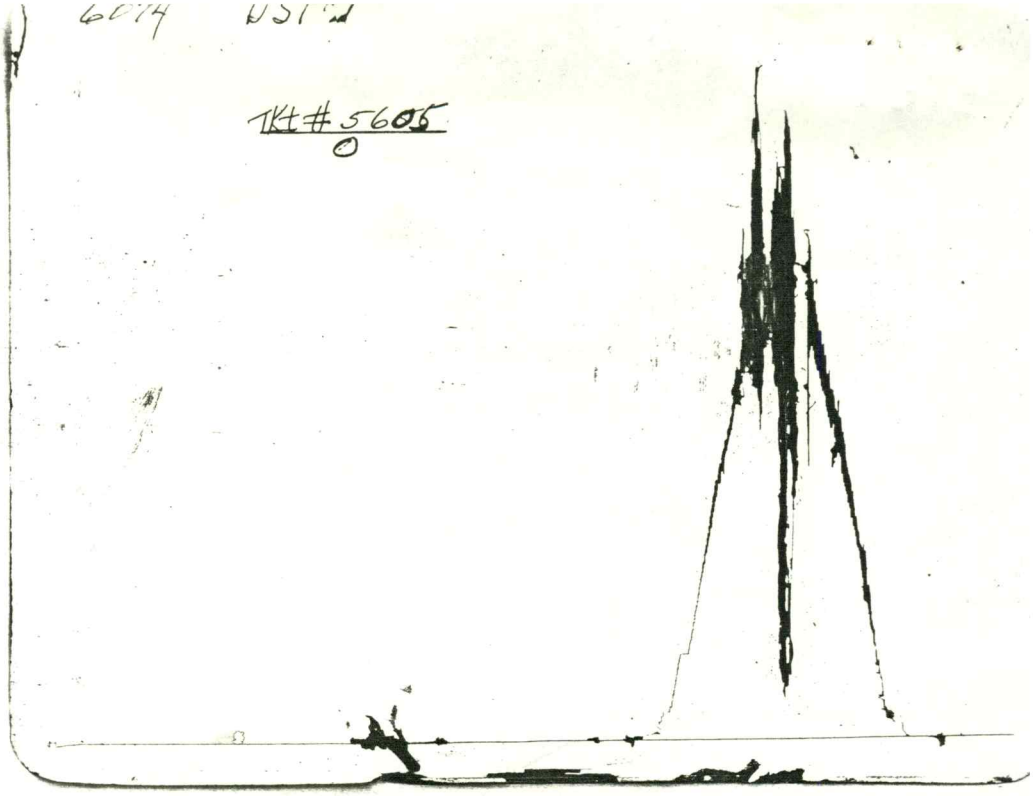

2606 DST #1

Tkt # 5605
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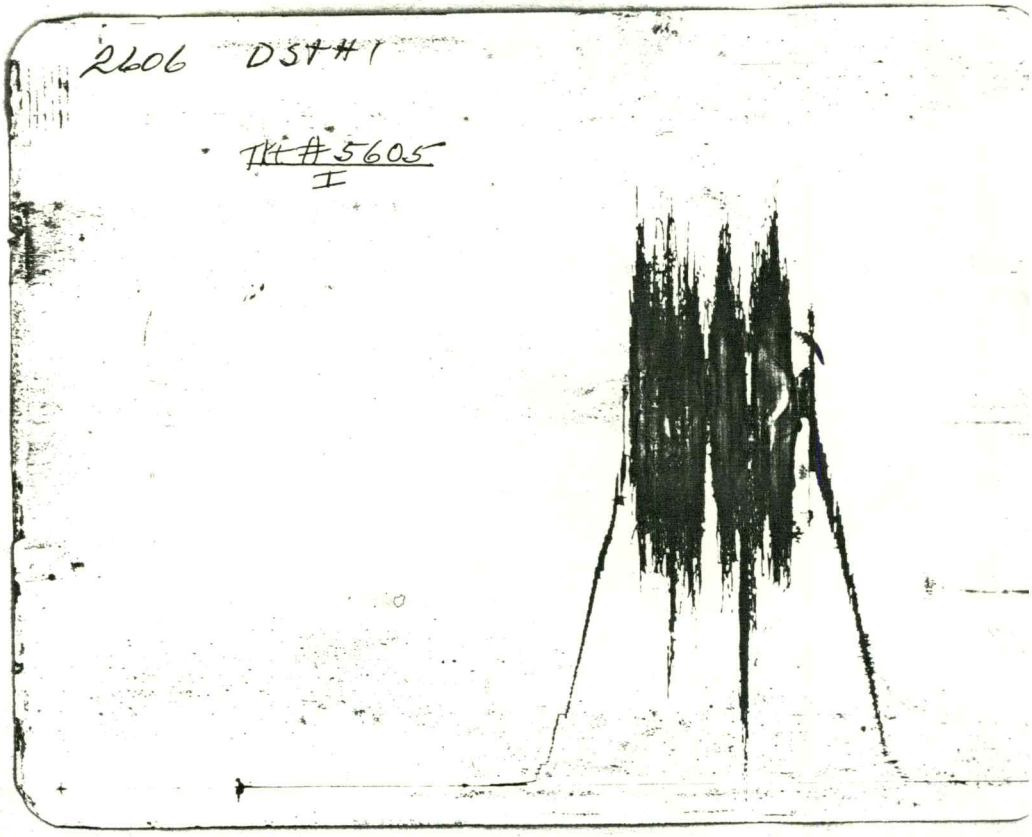

Company Molz Oil Company — Lease & Well No. Eloise #1

Elevation 1393 Kelly Bushing — Formation Mississippi — Effective Pay -- Ft. — Ticket No. 5606

Date 1/27/80 — Sec. 6 — Twp. 35S — Range 11W — County Barber — State Kansas

Test Approved by Gordon W. Keen — Western Representative Rod Tritt

Formation Test No. 2 — Interval Tested from 4808 ft. to 4816 ft. — Total Depth 4816 ft.

Packer Depth 4803 ft. — Size 6 3/4 in. — Packer Depth -- ft. — Size - in.

Packer Depth 4808 ft. — Size 6 3/4 in. — Packer Depth -- ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4787 ft. — Recorder Number 2606 — Cap. 4150

Bottom Recorder Depth (Outside) 4810 ft. — Recorder Number 6074 — Cap. 5100

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

Drilling Contractor Sweatman Drilling — Drill Collar Length 277 — I. D. 2¼ in.

Mud Type starch — Viscosity 100 — Weight Pipe Length -- — I. D. -- in.

Weight 9.3 — Water Loss 9- cc. — Drill Pipe Length 4497 — I. D. 3.8 in.

Chlorides -- P.P.M. — Test Tool Length 34 ft. — Tool Size 5½OD in.

Jars: Make WTC — Serial Number 407 — Anchor Length 8 ft. — Size 5½OD 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 4½FH in.

Blow: Weak blow building to strong blow in fifteen minutes on initial flow. Strong blow throughout final flow period.

Recovered 15 ft. of slightly oil cut mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 12:30 ~~P.M.~~ A.M. — Time Started Off Bottom 4:30 ~~P.M.~~ A.M. — Maximum Temperature 127°

Initial Hydrostatic Pressure			(A) 2580	P.S.I.		
Initial Flow Period	Minutes 30	(B) 52	P.S.I. to	(C) 44	P.S.I.	
Initial Closed In Period	Minutes 60	(D) 208	P.S.I.			
Final Flow Period	Minutes 60	(E) 60	P.S.I. to	(F) 55	P.S.I.	
Final Closed In Period	Minutes 90	(G) 285	P.S.I.			
Final Hydrostatic Pressure			(H) 2512	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 1/27/80 Test Ticket No. 5606

Recorder No. 2606 Capacity 4150 Location 4787 Ft.

Clock No. ----- Elevation 1393 Kelly Bushing Well Temperature 127 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2580 P.S.I.	Open Tool	12:30A M	
B First Initial Flow Pressure	52 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	44 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	208 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	60 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	285 P.S.I.			
H Final Hydrostatic Mud	2512 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: 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: 30 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	52	0	44	0	60	0	55
P 2	5	52	3	48	5	60	3	55
P 3	10	48	6	54	10	57	6	57
P 4	15	48	9	62	15	55	9	60
P 5	20	47	12	67	20	55	12	68
P 6	25	45	15	73	25	55	15	72
P 7	30	44	18	79	30	55	18	78
P 8			21	87	35	55	21	85
P 9			24	98	40	55	24	91
P10			27	108	45	55	27	98
P11			30	116	50	55	30	104
P12			33	127	55	55	33	111
P13			36	136	60		36	119
P14			39	147			39	126
P15			42	158			42	134
P16			45	168			45	141
P17			48	176			48	150
P18			51	184			51	160
P19			54	193			54	169
P20			57	201			57	178
			60	208			60	189

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WESTERN TESTING CO., INC.

Pressure Data

Date 1/27/80 Test Ticket No. 5606

Recorder No. 2606 Capacity 4150 Location 4787 Ft.

Clock No. ----- Elevation 1393 Kelly Bushing Well Temperature 127 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2580 P.S.I.	Open Tool	12:30A M	
B	First Initial Flow Pressure	52 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	44 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	208 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	60 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	285 P.S.I.			
H	Final Hydrostatic Mud	2512 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: 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: 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						63	198
P 2						66	209
P 3						69	217
P 4						72	228
P 5						75	237
P 6						78	248
P 7						81	256
P 8						84	267
P 9						87	276
P10						90	285
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TKt# 5606
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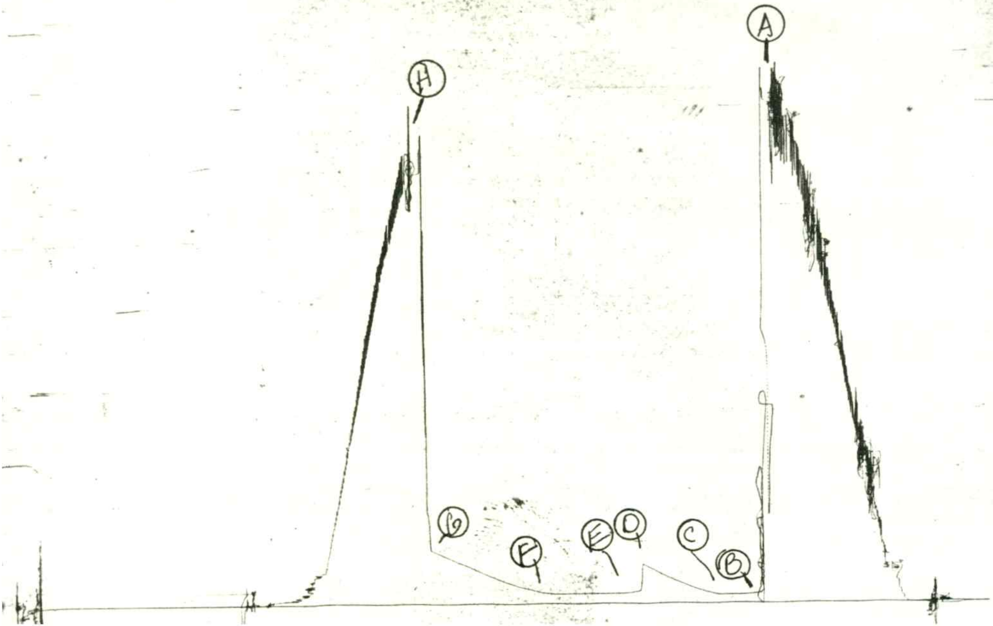

Company: Molz Oil Company | Lease & Well No.: Elcise #1

Elevation: 1393 Kelly Bushing | Formation: Mississippi | Effective Pay: -- Ft. | Ticket No.: 5607

Date: 1/27/80 | Sec.: 6 | Twp.: 35S | Range: 11W | County: Barber | State: Kansas

Test Approved by: Gordon W. Keen | Western Representative: Rod Tritt

Formation Test No.: 3 | Interval Tested from: 4816 ft. to: 4827 ft. | Total Depth: 4827 ft.

Packer Depth: 4811 ft. | Size: 6 3/4 in. | Packer Depth: - ft. | Size: - in.

Packer Depth: 4816 ft. | Size: 6 3/4 in. | Packer Depth: - ft. | Size: - in.

Depth of Selective Zone Set: -

Top Recorder Depth (Inside): 4818 ft. | Recorder Number: 2606 | Cap.: 4150

Bottom Recorder Depth (Outside): 4821 ft. | Recorder Number: 6074 | Cap.: 5100

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

Drilling Contractor: Sweatman Drilling | Drill Collar Length: 277 | I. D.: 2¼ in.

Mud Type: starch | Viscosity: 170 | Weight Pipe Length: - | I. D.: - in.

Weight: 9.4 | Water Loss: - cc. | Drill Pipe Length: 4511 | I. D.: 3.8 in.

Chlorides: -- P.P.M. | Test Tool Length: 28 ft. | Tool Size: 5½OD in.

Jars: Make: WTC | Serial Number: 407 | Anchor Length: 11 ft. | Size: 5½ODin.

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: 4½FH in.

Blow: Weak building to strong blow in five minutes on initial flow. Strong blow on final flow period.

Recovered 15 ft. of oil cut drilling mud

Recovered ft. of Four stands of gas in pipe

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s): 3:35 ~~A.M.~~ P.M. | Time Started Off Bottom: 8:05 ~~A.M.~~ P.M. | Maximum Temperature: 128°

Initial Hydrostatic Pressure			(A) 2557	P.S.I.		
Initial Flow Period	Minutes 30	(B) 54	P.S.I. to	(C) 40	P.S.I.	
Initial Closed In Period	Minutes 60	(D) 161	P.S.I.			
Final Flow Period	Minutes 60	(E) 67	P.S.I. to	(F) 57	P.S.I.	
Final Closed In Period	Minutes 120	(G) 187	P.S.I.			
Final Hydrostatic Pressure			(H) 2508	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 1/27/80 Test Ticket No. 5607

Recorder No. 2606 Capacity 4150 Location 4818 Ft.

Clock No. - Elevation 1393 Kelly Bushing Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2557 P.S.I.	Open Tool	3:35P M	
B First Initial Flow Pressure	54 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	40 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	161 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	67 P.S.I.	Final Closed-in Pressure	120 Mins.	120 Mins.
F Second Final Flow Pressure	57 P.S.I.			
G Final Closed-in Pressure	187 P.S.I.			
H Final Hydrostatic Mud	2508 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	54
P 2 5	46
P 3 10	41
P 4 15	40
P 5 20	40
P 6 25	40
P 7 30	40
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

Point Minutes	Press.
0	40
3	41
6	43
9	50
12	56
15	64
18	69
21	75
24	82
27	89
30	97
33	102
36	110
39	119
42	125
45	135
48	141
51	150
54	154
57	158
60	161

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

Point Minutes	Press.
0	67
5	67
10	60
15	57
20	57
25	57
30	57
35	57
40	57
45	57
50	57
55	57
60	57

Final Shut-In
Breakdown: 40 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	57
3	57
6	57
9	57
12	57
15	57
18	57
21	57
24	60
27	64
30	68
33	71
36	75
39	79
42	83
45	87
48	90
51	93
54	95
57	97
60	99

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WESTERN TESTING CO., INC.

Pressure Data

Date 1/27/80 Test Ticket No. 5607

Recorder No. 2606 Capacity 4150 Location 4818 Ft.

Clock No. - Elevation 1393 Kelly Bushing Well Temperature 128 °F

Point		Pressure			Time Given		Time Computed	
A	Initial Hydrostatic Mud	2557	P.S.I.	Open Tool	3:35P	M		
B	First Initial Flow Pressure	54	P.S.I.	First Flow Pressure	30	Mins.	30	Mins.
C	First Final Flow Pressure	40	P.S.I.	Initial Closed-in Pressure	60	Mins.	60	Mins.
D	Initial Closed-in Pressure	161	P.S.I.	Second Flow Pressure	60	Mins.	60	Mins.
E	Second Initial Flow Pressure	67	P.S.I.	Final Closed-in Pressure	120	Mins.	120	Mins.
F	Second Final Flow Pressure	57	P.S.I.					
G	Final Closed-in Pressure	187	P.S.I.					
H	Final Hydrostatic Mud	2508	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: 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: 40 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	103
P 2						66	106
P 3						69	110
P 4						72	113
P 5						75	116
P 6						78	120
P 7						81	124
P 8						84	127
P 9						87	131
P10						90	135
P11						93	140
P12						96	144
P13						99	149
P14						102	154
P15						105	158
P16						108	164
P17						111	170
P18						114	176
P19						117	182
P20						120	187

2206 DST #3

TK# 5607