Company Molz Oil Company — Lease & Well No. Molz #6

Elevation 1408 Kelly Bushing — Formation Mississippi — Effective Pay - Ft. — Ticket No. 12529

Date 1/19/82 — Sec. 11 — Twp. 35S — Range 12W — County Barber — State Kansas

Test Approved by Gordon W. Keen — Western Representative Glenn VanSteenburgh

Formation Test No. 1 — Interval Tested from 4803 ft. to 4820 ft. — Total Depth 4820 ft.

Packer Depth 4798 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Packer Depth 4803 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4815 ft. — Recorder Number 13400 — Cap. 3950

Bottom Recorder Depth (Outside) 4818 ft. — Recorder Number 3085 — Cap. 4500

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

Drilling Contractor Sweetman Drilling — Drill Collar Length 210 — I. D. 2.2 in.

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

Weight 9.1 — Water Loss 8 cc. — Drill Pipe Length 4564 — I. D. 3.8 in.

Chlorides N/A P.P.M. — Test Tool Length 29 ft. — Tool Size 4½ in.

Jars: Make WTC — Serial Number 415 — Anchor Length 17 ft. — Size 5½ in.

Did Well Flow? Yes- Gas — Reversed Out - — Surface Choke Size 3/4 in. — Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. — Tool Joint Size 4½XH in.

Blow: Initial flow period strong blow. Gas to surface in two minutes . See attached sheet for gas measurements.

Recovered 2 ft. of condensation

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Final flow period was cut three minutes short - wind blowing gas back to rig; shut tool or geologist orders.

Time Set Packer(s) 6:34 A.M. ~~P.M.~~ — Time Started Off Bottom 9:19 A.M. ~~P.M.~~ — Maximum Temperature 130°

Initial Hydrostatic Pressure			(A)	2548	P.S.I.	
Initial Flow Period	Minutes	15	(B)	1350	P.S.I. to (C)	1350 P.S.I.
Initial Closed In Period	Minutes	30	(D)	1906	P.S.I.	
Final Flow Period	Minutes	25	(E)	1472	P.S.I. to (F)	1438 P.S.I.
Final Closed In Period	Minutes	93	(G)	1884	P.S.I.	
Final Hydrostatic Pressure			(H)	2548	P.S.I.	

GAS FLOW REPORT

Date 1/19/82 Ticket 12529 Company Molz Oil Company

Well Name and No. Molz #6 Dst No. 1 Interval Tested 5803'-4820'

County Barber State Kansas Sec. 11 Twp. 35S Rg. 12W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
Gas to surface in two minutes.			**PRE FLOW**			
	15 min.	2" orifice	55.0 PSIG			6,640,000 CFPD
			SECOND FLOW			
	10 min.	2" orifice	65.0 PSIG			7,600,000 CFPD
	20 min.	2" orifice	70.0 PSIG			8,060,000 CFPD
	30 min.	2" orifice	70.0 PSIG			8,060,000 CFPD

GAS BOTTLE

Serial No. 85 Date Bottle Filled 1/19/82 Date to be Invoiced 1/19/82

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 1% per month, equal to 12% 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 Molz Oil Company

Authorized by Gordon W. Keen

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 1/19/82 Test Ticket No. 12529

Recorder No. 13400 Capacity 3950 Location 4815 Ft.

Clock No. -- Elevation 1408 Kelly Bushing Well Temperature 130 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2548 P.S.I.		Open Tool	6:34A M	
B	First Initial Flow Pressure	1350 P.S.I.		First Flow Pressure	15 Mins.	15 Mins.
C	First Final Flow Pressure	1350 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	1906 P.S.I.		Second Flow Pressure	30 Mins.	25 Mins.
E	Second Initial Flow Pressure	1472 P.S.I.		Final Closed-in Pressure	90 Mins.	93 Mins.
F	Second Final Flow Pressure	1438 P.S.I.				
G	Final Closed-in Pressure	1884 P.S.I.				
H	Final Hydrostatic Mud	2548 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 3 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	1350
P 2 5	1350
P 3 10	1350
P 4 15	1350
P 5	
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

Point Minutes	Press.
0	1350
3	1831
6	1850
9	1864
12	1874
15	1883
18	1890
21	1896
24	1901
27	1905
30	1906

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

Point Minutes	Press.
0	1472
5	1467
10	1465
15	1457
20	1448
25	1438

Final Shut-In
Breakdown: 31 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	1438
3	1755
6	1781
9	1794
12	1808
15	1819
18	1828
21	1835
24	1841
27	1846
30	1850
33	1855
36	1858
39	1862
42	1865
45	1869
48	1871
51	1873
54	1874
57	1875
60	1876

CONTINUED

WESTERN TESTING CO., INC.

Pressure Data

Date 1/19/82 Test Ticket No. 12529

Recorder No. 13400 Capacity 3950 Location 4815 Ft.

Clock No. -- Elevation 1408 Kelly Bushing Well Temperature 130 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2548 P.S.I.	Open Tool	6:34A M	
B First Initial Flow Pressure	1350 P.S.I.	First Flow Pressure	15 Mins.	15 Mins.
C First Final Flow Pressure	1350 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	1906 P.S.I.	Second Flow Pressure	30 Mins.	25 Mins.
E Second Initial Flow Pressure	1472 P.S.I.	Final Closed-in Pressure	90 Mins.	93 Mins.
F Second Final Flow Pressure	1438 P.S.I.			
G Final Closed-in Pressure	1884 P.S.I.			
H Final Hydrostatic Mud	2548 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 3 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: 5 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 31 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	1877
P 2						66	1878
P 3						69	1879
P 4						72	1880
P 5						75	1880
P 6						78	1881
P 7						81	1882
P 8						84	1883
P 9						87	1884
P10						90	1884
P11						93	1884
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

SK # 12529

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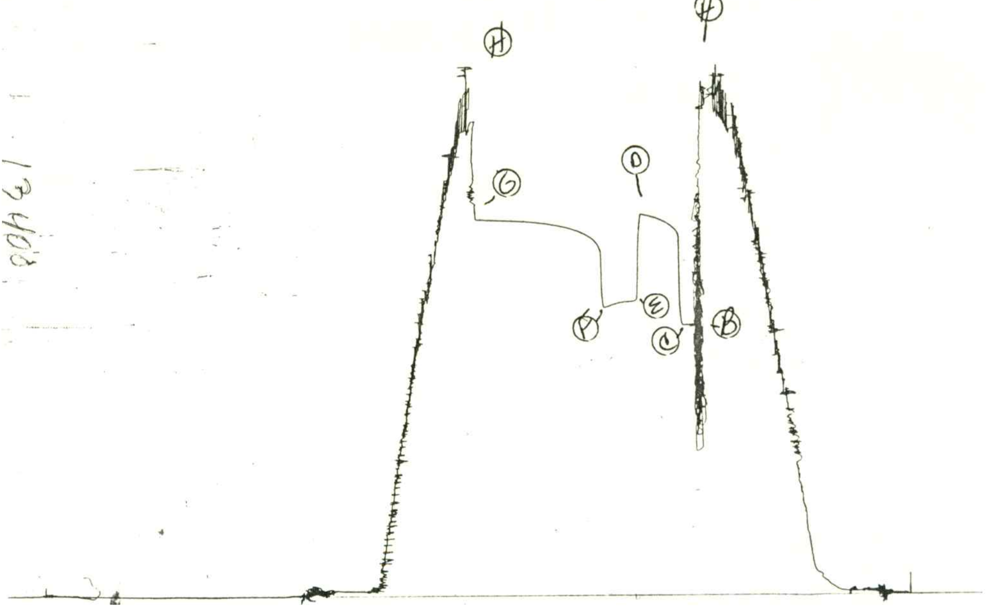

Company Molz Oil Company — Lease & Well No. Molz #6

Elevation 1408 Kelly Bushing — Formation Mizer — Effective Pay - Ft. — Ticket No. 13354

Date 1/21/82 — Sec. 11 — Twp. 35S — Range 12W — County Barber — State Kansas

Test Approved by ----------? — Western Representative Vernon Wondra

Formation Test No. 2 — Interval Tested from 5168 ft. to 5179 ft. — Total Depth 5179 ft.

Packer Depth 5159 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Packer Depth 5168 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 5169 ft. — Recorder Number 10266 — Cap. 4775

Bottom Recorder Depth (Outside) 5172 ft. — Recorder Number 6074 — Cap. 5100

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

Drilling Contractor Sweetman Drlg. Co. Rig #1 — Drill Collar Length 590 — I. D. 2¼ in.

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

Weight 9.3 — Water Loss 8 cc. — Drill Pipe Length 4545 — I. D. 3.8 in.

Chlorides ? P.P.M. — Test Tool Length 33 ft. — Tool Size 5½OD in.

Jars: Make WIC — Serial Number 405 — Anchor Length 9 ft. — Size 5½OD 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 4½FH in.

Blow: Weak; increased to strong on both flow periods.

Recovered 2800 ft. of water Chlorides 115,000 ppm

Recovered ____ ft. of

Recovered ____ ft. of

Recovered ____ ft. of

Recovered ____ ft. of

Remarks:

Time Set Packer(s) 3:45 ~~A.M.~~ ~~P.M.~~ — Time Started Off Bottom 6:25 ~~A.M.~~ ~~P.M.~~ — Maximum Temperature 140°

Initial Hydrostatic Pressure			(A)	2651	P.S.I.	
Initial Flow Period	Minutes 5		(B)	319	P.S.I. to (C)	386 P.S.I.
Initial Closed In Period	Minutes 30		(D)	2078	P.S.I.	
Final Flow Period	Minutes 60		(E)	424	P.S.I. to (F)	1000 P.S.I.
Final Closed In Period	Minutes 60		(G)	2078	P.S.I.	
Final Hydrostatic Pressure			(H)	2591	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 1/21/82 Test Ticket No. 13354

Recorder No. 10266 Capacity 4775 Location 5169 Ft.

Clock No. -- Elevation 1408 Kelly Bushing Well Temperature 140 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2651 P.S.I.		Open Tool	3:45A M	
B	First Initial Flow Pressure	319 P.S.I.		First Flow Pressure	10 Mins.	5 Mins.
C	First Final Flow Pressure	386 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	2078 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	424 P.S.I.		Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	1000 P.S.I.				
G	Final Closed-in Pressure	2078 P.S.I.				
H	Final Hydrostatic Mud	2591 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure

Breakdown: 1 Inc. of 5 mins. and a final inc. of 0 Min.

Point Mins.	Press.
P 1 0	319
P 2 5	386
P 3	
P 4	
P 5	
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In

Breakdown: 10 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	386
3	2025
6	2047
9	2059
12	2066
15	2070
18	2074
21	2074
24	2077
27	2078
30	2078

Second Flow Pressure

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

Point Minutes	Press.
0	424
5	453
10	510
15	569
20	628
25	615
30	737
35	787
40	832
45	878
50	923
55	967
60	1000

Final Shut-In

Breakdown: 20 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	1000
3	2017
6	2033
9	2045
12	2051
15	2055
18	2059
21	2063
24	2065
27	2067
30	2069
33	2069
36	2070
39	2071
42	2072
45	2073
48	2075
51	2076
54	2077
57	2077
60	2078

TKT # 13354

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