

Molz Oil Company

Achenbach #1

Company _____ Lease & Well No. _____

Elevation ----- Formation Mississippi Effective Pay ----- Ft. Ticket No. 7644Date 11/12/80 Sec. 12 Twp. 35S Range 12W County Barber State KansasTest Approved by Gordon Keen Western Representative Jim WondraFormation Test No. I Interval Tested from 4803 ft. to 4820 ft. Total Depth 4820 ft.Packer Depth 4798 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.Packer Depth 4803 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.Depth of Selective Zone Set -Top Recorder Depth (Inside) 4810 ft. Recorder Number 2607 Cap. 4150Bottom Recorder Depth (Outside) 4813 ft. Recorder Number 3351 Cap. 4000Below Straddle Recorder Depth - ft. Recorder Number - Cap. -Drilling Contractor Sweetman Drlg. Rig #1 Drill Collar Length 250 I. D. 2 1/4 in.Mud Type - Viscosity 58 Weight Pipe Length - I. D. - in.Weight 9.4 Water Loss 8.0 cc. Drill Pipe Length 4524 I. D. 3.8 in.Chlorides - P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 OD in.Jars: Make WTC Serial Number 406 Anchor Length 17 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 FH in.

Strong blow throughout test.

Blow: _____

Recovered 15 ft. of drilling mud

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Time Set Packer(s) 7:40 A.M. Time Started Off Bottom 11:25 A.M. Maximum Temperature 126°Initial Hydrostatic Pressure 30 (A) 93 P.S.I. 55Initial Flow Period 45 Minutes (B) 417 P.S.I. to (C) _____ P.S.I.Initial Closed In Period 60 Minutes (D) 68 P.S.I. 44Final Flow Period 93 Minutes (E) 875 P.S.I. to (F) _____ P.S.I.Final Closed In Period 2437 Minutes (G) _____ P.S.I.

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

WESTERN TESTING CO., INC.

Pressure Data

Date 11/12/80 Test Ticket No. 7644
 Recorder No. 2607 Capacity 4150 Location 4810 Ft.
 Clock No. = Elevation = Well Temperature 126 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2498 P.S.I.	7:40A	M
B First Initial Flow Pressure	93 P.S.I.	30	30 Mins.
C First Final Flow Pressure	55 P.S.I.	45	45 Mins.
D Initial Closed-in Pressure	417 P.S.I.	60	60 Mins.
E Second Initial Flow Pressure	68 P.S.I.	90	93 Mins.
F Second Final Flow Pressure	44 P.S.I.		
G Final Closed-in Pressure	875 P.S.I.		
H Final Hydrostatic Mud	2437 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>31</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	93	0	55	0	68	0	44
P 2 5	63	3	55	5	57	3	63
P 3 10	59	6	72	10	53	6	87
P 4 15	57	9	104	15	49	9	127
P 5 20	55	12	133	20	46	12	159
P 6 25	55	15	161	25	44	15	190
P 7 30	55	18	188	30	44	18	228
P 8		21	218	35	44	21	260
P 9		24	243	40	44	24	294
P10		27	271	45	44	27	326
P11		30	299	50	44	30	356
P12		33	328	55	44	33	386
P13		36	354	60	44	36	417
P14		39	381			39	445
P15		42	402			42	477
P16		45	417			45	506
P17						48	533
P18						51	558
P19						54	592
P20						57	612
						60	639

WESTERN TESTING CO., INC.

Pressure Data

Date 11/12/80 Test Ticket No. 7644
 Recorder No. 2607 Capacity 4150 Location 4810 Ft.
 Clock No. = Elevation = Well Temperature 126 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2498 P.S.I.	7:40A	M
B First Initial Flow Pressure	93 P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	55 P.S.I.	45 Mins.	45 Mins.
D Initial Closed-in Pressure	417 P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	68 P.S.I.	90 Mins.	93 Mins.
F Second Final Flow Pressure	44 P.S.I.		
G Final Closed-in Pressure	875 P.S.I.		
H Final Hydrostatic Mud	2437 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: 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 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	668
P 2						66	691
P 3						69	712
P 4						72	737
P 5						75	762
P 6						78	783
P 7						81	804
P 8						84	822
P 9						87	841
P10						90	862
P11						93	875
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

JK#7640

I

