WESTERN TESTERS

P. O. BOX 1599 PHONE (316) 838-0601

WICHITA, KANSAS 67201

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

Elevation ------ Formation Mississippi Effective Pay ------ Ft. Ticket No. 874

Date 6/9/78 Sec. 19 Twp. 32S Range 10W County Barber State Kansas

Test Approved by R. K. Sweetman Western Representative Vernon Wondra

Formation Test No. 1 Interval Tested from 4365' ft. to 4415' ft. Total Depth 4415' ft.

Packer Depth 4360 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4365 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 4405 ft. Recorder Number 1563 Cap. 4200

Bottom Recorder Depth (Outside) 4408 ft. Recorder Number 1565 Cap. 3150

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

Drilling Contractor Sweetman Drlg. Co. Rig #1 Drill Collar Length 276 I. D. 2¼ in.

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

Weight 9.1 Water Loss 16.2 cc. Drill Pipe Length 4067 I. D. 3.8 in.

Chlorides 9,000 P.P.M. Test Tool Size 5½OD in. Tool Joint Size 4½FH in.

Jars: Make ------ Serial Number ------ Anchor Length 50 ft. Size 5½OD in.

Did Well Flow? Yes Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 Tool length 22' ft.

Blow: Strong blow throughout test. Gas tosurface in five minutes. See attached sheet for gas measurements.

Recovered 135 ft. of mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Gauged gas every 10 minutes. Same throughout both flow periods. 1/2 lbs. 2" open flow. 434,000 C.F.P.D.

Time Set Packer(s) 7:15 ~~A.M.~~ P.M. Time Started Off Bottom 9:45 ~~A.M.~~ P.M. Maximum Temperature 121

Initial Hydrostatic Pressure ..... (A) 2150 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 153 P.S.I. to (C) 149 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 1302 P.S.I.

Final Flow Period ..... Minutes 30 (E) 153 P.S.I. to (F) 147 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 1441 P.S.I.

Final Hydrostatic Pressure ..... (H) 2136 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 6/9/78 Test Ticket No. 874

Recorder No. 1563 Capacity 4200 Location 4405 Ft.

Clock No. ------ Elevation ------ Well Temperature 121 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2150	P.S.I.
B	First Initial Flow Pressure	153	P.S.I.
C	First Final Flow Pressure	149	P.S.I.
D	Initial Closed-in Pressure	1302	P.S.I.
E	Second Initial Flow Pressure	153	P.S.I.
F	Second Final Flow Pressure	147	P.S.I.
G	Final Closed-in Pressure	1441	P.S.I.
H	Final Hydrostatic Mud	2136	P.S.I.

	Time Given	Time Computed
Open Tool	7:15P M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	30 Mins.	33 Mins.
Second Flow Pressure	30 Mins.	30 Mins.
Final Closed-in Pressure	60 Mins.	60 Mins.

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	153
P 2 5	149
P 3 10	142
P 4 15	149
P 5 20	149
P 6 25	149
P 7 30	149
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 11 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	149
3	840
6	1106
9	1196
12	1241
15	1266
18	1278
21	1286
24	1291
27	1295
30	1300
33	1302

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

Point Minutes	Press.
0	153
5	140
10	142
15	147
20	147
25	147
30	147

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

Point Minutes	Press.
0	147
3	987
6	1222
9	1319
12	1363
15	1383
18	1397
21	1405
24	1412
27	1418
30	1422
33	1425
36	1427
39	1429
42	1431
45	1433
48	1435
51	1437
54	1439
57	1440
60	1441

TK+#874

I.

