Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Abercrombie Drilling Inc. Lease & Well No. Ware #3

Elevation Formation Kansas City Effective Pay Ft. Ticket No. 20431

Date 3-23-74 Sec. 24 Twp. 19S Range 28W County Lane State Kansas

Test Approved by Orlin R. Phelps Western Representative Dennis Sporing

Formation Test No. 1 O.K. X Misrun Interval Tested From 4258' to 4264' Total Depth 4264'

Size Main Hole 7 7/8" Rat Hole Conv. B.T. X Damaged Yes X No Conv. X B.T. Damaged Yes X No

Top Packer Depth 4253 Ft. Size 6 3/4" Bottom Packer Depth 4258 Ft. Size 6 3/4"

Straddle No Conv. B.T. Damaged Yes No Packer Depth Ft. Size

Tool Size 5½"O.D Tool Joint Size 4½"FH Anchor Length 6 Ft. Size 5½"O.D. Surface Choke Size 3/8 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4260 Ft. Clock No. 6896 Depth 4263 Ft. Clock No. 4964

Top Make Kuster Cap. 4500 No. 3036 ~~Inside~~ Outside Bottom Make Kuster Cap. 4200 No. 1558 ~~Inside~~ Outside

Below Straddle: Depth Rec. No. Clock No. Inside Outside Depth Ft. Rec. No. Clock No. Inside Outside

Time Set Packer 5:57 P. M

Tool Open I.F.P. From 6:00 M. to 6:30P.M. Hr. 30 Min. From (B) 9 P.S.I. To (C) 143 P.S.I.

Tool Closed I.C.I.P. From 6:30 M. to 7:15P.M. Hr. 45 Min (D) 1342 P.S.I.

Tool Open F.F.P. From 7:15 M. to 8:45PM. Hr. 90 Min. From (E) 184 P.S.I. To (F) 535 P.S.I.

Tool Closed F.C.I.P. From 8:45 M. to 9:45P.M. Hr. 60 Min. (G) 1321 P.S.I.

Initial Hydrostatic Pressure (A) 2399 P.S.I. Final Hydrostatic Pressure (H) 2331 P.S.I. Maximum Temp. 133

INFORMATION

BLOW Fair increasing to strong

Did Well Flow Yes X No Recovery Total Ft. 1020 feet salt water

Reversed Out Yes X No Mud Type Starch Viscosity 46 Weight 9.6 Water Loss 14.4 cc. Chlorides

EXTRA EQUIPMENT: Type Circ. Sub. Plug Safety Joint No Jars: Size No In. Make Ser. No.

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where?

DRILLING CONTRACTOR Co. tools Length Drill Pipe? 3187 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½XH In.

Length Weight Pipe 1018 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4½XH In. Length Drill Collars 28 Ft. I.D. Drill Collars 2.4 In.

Tool Joint Size 4½FH In. Length D.S.T. Tool 31 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 3-23-74 Test Ticket No. 20431

Recorder No. 3086 Capacity 4500 Location 4260 Ft.

Clock No. 6896 Elevation Well Temperature 133 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2399 P.S.I.	Open Tool	5:57 P. M	
B	First Initial Flow Pressure	9 P.S.I.	First Flow Pressure	30 Mins.	25 Mins.
C	First Final Flow Pressure	143 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D	Initial Closed-in Pressure	1342 P.S.I.	Second Flow Pressure	90 Mins.	95 Mins.
E	Second Initial Flow Pressure	184 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	535 P.S.I.			
G	Final Closed-in Pressure	1321 P.S.I.			
H	Final Hydrostatic Mud	2331 P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	9
P 2 5	41
P 3 10	72
P 4 15	100
P 5 20	127
P 6 25	143
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	143
3	1139
6	1219
9	1252
12	1274
15	1287
18	1289
21	1307
24	1317
27	1321
30	1326
33	1331
36	1333
39	1338
42	1340
45	1342

Second Flow Pressure
Breakdown: 19 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	184
5	189
10	208
15	229
20	253
25	280
30	299
35	318
40	339
45	363
50	387
55	404
60	428
65	440
70	459
75	476
80	495
85	509
90	526
95	535

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

Point Minutes	Press.
0	535
3	1134
6	1199
9	1226
12	1245
15	1256
18	1266
21	1274
24	1282
27	1289
30	1292
33	1298
36	1303
39	1307
42	1310
45	1312
48	1314
51	1317
54	1319
57	1321
60	1321

WESTERN TESTERS

Home Office: Great Bend, Kansas

P. O. Box 793 (316) 793-7903

Company Abercrombie Drilling Inc. Lease & Well No. Ware #3

Elevation ____ Formation Kansas City Effective Pay ____ Ft. Ticket No. 20432

Date 3-24-74 Sec. 24 Twp. 19S Range 28W County Lane State Kansas

Test Approved by Orlin R. Phelps Western Representative Dennis Sporing

Formation Test No. 2 O.K. X Misrun ____ Interval Tested From 4283' to 4297' Total Depth 4297'

Size Main Hole 7 7/8" Rat Hole ____ Conv. ____ B.T. X Damaged X Yes ____ No Conv. X B.T. ____ Damaged ____ Yes X No

Top Packer Depth 4278 Ft. Size 6 3/4" Bottom Packer Depth 4283 Ft. Size 6 3/4"

Straddle No Conv. ____ B.T. ____ Damaged ____ Yes ____ No Packer Depth ____ Ft. Size ____

Tool Size 5½"O.D Tool Joint Size 4½"FH Anchor Length 14 Ft. Size 5½"O.D. Surface Choke Size 3/8 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4289 Ft. Clock No. 6896 Depth 4292 Ft. Clock No. 4964

Top Make Kuster Cap. 4500 No. 3086 Inside ~~Outside~~ Bottom Make Kuster Cap. 4200 No. 1558 ~~Inside~~ Outside

Below Straddle: Depth ____ Rec. No. ____ Clock No. ____ Inside Outside Depth ____ Ft. Rec. No. ____ Clock No. ____ Inside Outside

Time Set Packer 12:57 P.M

Tool Open I.F.P. From 1:00 M. to 1:30P.M. Hr. ____ 30 Min. From (B) 683 P.S.I. To (C) 1300 P.S.I.

Tool Closed I.C.I.P. From 1:30 M. to 2:15P M. Hr. ____ 45 Min (D) 1352 P.S.I.

Tool Open F.F.P. From 2:15 M. to 3:45P M. Hr. ____ 90 Min. From (E) 1340 P.S.I. To (F) 1356 P.S.I.

Tool Closed F.C.I.P. From 3:45 M. to 4:45P M. Hr. ____ 60 Min. (G) 1356 P.S.I.

Initial Hydrostatic Pressure (A) 2445 P.S.I. Final Hydrostatic Pressure (H) 2374 P.S.I. Maximum Temp. 133

INFORMATION

BLOW Strong bottom of bucket

Did Well Flow ____ Yes X No Recovery Total Ft. 2520 feet gassy oilly muddy water (300 feet Oil and gas cut muddy salt water 2% oil 30% mud 68% water) (600 feet 5%oil 2% mud 93% water) (900 feet 3% oil, 1% mud, 96% water) (300 feet 1% oil, 3% mud 96%water) (420 feet Muddy salt water, 0% oil, 6%mud, 94% water)

Reversed Out X Yes ____ No Mud Type Starch Viscosity 46 Weight 9.6 Water Loss 14.4 cc. Chlorides ____

EXTRA EQUIPMENT: Type Circ. Sub. Plug Safety Joint No Jars: Size No In. Make ____ Ser. No. ____

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? ____

DRILLING CONTRACTOR Co. tools Length Drill Pipe? 3245 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½XH In.

Length Weight Pipe 1018 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4½XH In. Length Drill Collars 27.53 Ft. I.D. Drill Collars 2.2 In.

Tool Joint Size 4½FH In. Length D.S.T. Tool 34 Ft.

Remarks:

24-195-28W

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 3-24-74 Test Ticket No. 20432

Recorder No. 3086 Capacity 4500 Location 4289 Ft.

Clock No. 6896 Elevation Well Temperature 133 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2445 P.S.I.	Open Tool	12:57 P. M	
B First Initial Flow Pressure	683 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	1300 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1352 P.S.I.	Second Flow Pressure	90 Mins.	90 Mins.
E Second Initial Flow Pressure	1340 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	1356 P.S.I.			
G Final Closed-in Pressure	1356 P.S.I.			
H Final Hydrostatic Mud	2374 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	683
P 2 5	890
P 3 10	1049
P 4 15	1159
P 5 20	1233
P 6 25	1275
P 7 30	1300
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	1300
3	1326
6	1333
9	1336
12	1340
15	1342
18	1342
21	1345
24	1345
27	1346
30	1347
33	1348
36	1349
39	1350
42	1351
45	1352

Second Flow Pressure
Breakdown: 18 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	1340
5	1340
10	1342
15	1347
20	1347
25	1348
30	1348
35	1349
40	1350
45	1350
50	1351
55	1352
60	1353
65	1354
70	1355
75	1356
80	1356
85	1356
90	1356

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

Point Minutes	Press.
0	1356
3	1356
6	1356
9	1356
12	1356
15	1356
18	1356
21	1356
24	1356
27	1356
30	1356
33	1356
36	1356
39	1356
42	1356
45	1356
48	1356
51	1356
54	1356
57	1356
60	1356

WESTERN TESTERS

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Abercrombie Drilling Inc. Lease & Well No. Ware #3

Elevation Formation Kansas City Effective Pay Ft. Ticket No. 20433

Date 3-25-74 Sec. 24 Twp. 19S Range 28W County Lane State Kansas

Test Approved by Orlin R. Phelps Western Representative Dennis Sporing

Formation Test No. 3 O.K. X Misrun Interval Tested From 4304' to 4308' Total Depth 4308'

Size Main Hole 7 7/8" Rat Hole Conv. B.T. X Damaged Yes X No Conv. X B.T. Damaged Yes X No

Top Packer Depth 4299 Ft. Size 6 3/4" Bottom Packer Depth 4304 Ft. Size 6 3/4"

Straddle No Conv. B.T. Damaged Yes No Packer Depth Ft. Size

Tool Size 5½"O.D. Tool Joint Size 4½"FH Anchor Length 4 Ft. Size 5½"O.D. Surface Choke Size 3/8 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4291 Ft. Clock No. 6896 Depth 4294 Ft. Clock No. 4964

Top Make Kuster Cap. 4500 No. 3086 Inside ~~Outside~~ Bottom Make Kuster Cap. 4200 No. 1558 Inside ~~Outside~~

Below Straddle: Depth Rec. No. Clock No. Inside Outside Depth Ft. Rec. No. Clock No. Inside Outside

Time Set Packer 8:57 A.M.

Tool Open I.F.P. From 9:00 M. to 9:30A M. Hr. 30 Min. From (B) 0 P.S.I. To (C) 31 P.S.I.

Tool Closed I.C.I.P. From 9:30 M. to 10:15A M. Hr. 45 Min (D) 1136 P.S.I.

Tool Open F.F.P. From 10:15 M. to 11:45A M. Hr. 90 Min. From (E) 72 P.S.I. To (F) 133 P.S.I.

Tool Closed F.C.I.P. From 11:45 M. to 12:45P M. Hr. 60 Min. (G) 1113 P.S.I.

Initial Hydrostatic Pressure (A) 2233 P.S.I. Final Hydrostatic Pressure (H) 2207 P.S.I. Maximum Temp. 125

INFORMATION

BLOW Weak increasing to fair

Did Well Flow Yes X No Recovery Total Ft. 200 feet heavy muddy oil 160 feet slightly oil cut water
60 feet gas in pipe

Reversed Out Yes X No Mud Type Starch Viscosity 48 Weight 9.6 Water Loss 14.2 cc. Chlorides

EXTRA EQUIPMENT: Type Circ. Sub. Plug Safety Joint No Jars: Size No In. Make Ser. No.

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where?

DRILLING CONTRACTOR Company tools Length Drill Pipe? 3260 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½"FH In.

Length Weight Pipe 1018 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4½XH In. Length Drill Collars 2753 Ft. I.D. Drill Collars 2.2 In.

Tool Joint Size 4½FH In. Length D.S.T. Tool 30 Ft.

Remarks:

24-19S-28W

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 3-25-74 Test Ticket No. 20433

Recorder No. 3086 Capacity 4500 Location 4291 Ft.

Clock No. 6896 Elevation Well Temperature 125 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2233 P.S.I.	Open Tool	8:57 A. M	
B First Initial Flow Pressure	0 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	31 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1136 P.S.I.	Second Flow Pressure	90 Mins.	90 Mins.
E Second Initial Flow Pressure	72 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	133 P.S.I.			
G Final Closed-in Pressure	1113 P.S.I.			
H Final Hydrostatic Mud	2207 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	0
P 2 5	0
P 3 10	0
P 4 15	12
P 5 20	19
P 6 25	24
P 7 30	31
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	31
3	623
6	1055
9	1092
12	1109
15	1118
18	1122
21	1125
24	1129
27	1129
30	1132
33	1133
36	1133
39	1134
42	1135
45	1136

Second Flow Pressure
Breakdown: 18 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	72
5	72
10	72
15	72
20	72
25	72
30	76
35	83
40	88
45	93
50	100
55	105
60	108
65	115
70	120
75	122
80	127
85	131
90	133

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

Point Minutes	Press.
0	133
3	776
6	1037
9	1067
12	1079
15	1085
18	1092
21	1097
24	1099
27	1102
30	1102
33	1102
36	1102
39	1106
42	1106
45	1106
48	1106
51	1113
54	1113
57	1113
60	1113

WESTERN TESTERS

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Abercrombie Drilling Inc. Lease & Well No. Ware #3

Elevation ____ Formation Kansas City Effective Pay ____ Ft. Ticket No. 20434

Date 3-26-74 Sec. 24 Twp. 19S Range 28W County Lane State Kansas

Test Approved by Orlin R. Phelps Western Representative Dennis Sporing

Formation Test No. 4 O.K. ____ Misrun X Interval Tested From 4316' to 4325' Total Depth 4325'

Size Main Hole 7 7/8" Rat Hole ____ Conv. ____ B.T. ____ Damaged ____ Yes ____ No Conv. X B.T. ____ Damaged ____ Yes X No

Top Packer Depth ____ Ft. Size ____ Bottom Packer Depth 4316 Ft. Size 6 3/4"

Straddle No Conv. ____ B.T. ____ Damaged ____ Yes ____ No Packer Depth ____ Ft. Size ____

Tool Size 5½"O.D. Tool Joint Size 4½"FH Anchor Length 9 Ft. Size 5½"O.D. Surface Choke Size 3/8 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4320 Ft. Clock No. 6896 Depth 4323 Ft. Clock No. 4964

Top Make Kuster Cap. 4500 No. 3086 Inside ~~Outside~~ Bottom Make Kuster Cap. 4200 No. 1558 ~~Inside~~ Outside

Below Straddle: Depth ____ Rec. No. ____ Clock No. ____ Inside Outside Depth ____ Ft. Rec. No. ____ Clock No. ____ Inside Outside

Time Set Packer 2:27 A.M.

Tool Open I.F.P. From 2:30 M. to 3:00A M. Hr. 30 Min. From (B) [redacted] P.S.I. To (C) ____ P.S.I.

Tool Closed I.C.I.P. From 3:00 M. to 3:45A M. Hr. 45 Min (D) ____ P.S.I.

Tool Open F.F.P. From 3:45 M. to 4:15A M. Hr. 30 Min. From (E) ____ P.S.I. To (F) ____ P.S.I.

Tool Closed F.C.I.P. From 4:15 M. to 4:45A M. Hr. 30 Min. (G) ____ P.S.I.

Initial Hydrostatic Pressure (A) ____ P.S.I. Final Hydrostatic Pressure (H) ____ P.S.I. Maximum Temp. ____

INFORMATION

BLOW Weak died when open tool for F.F.P. Flushed tool - no blow

Did Well Flow ____ Yes X No Recovery Total Ft. 10 feet mud

Reversed Out ____ Yes X No Mud Type Starch Viscosity 50 Weight 9.6 Water Loss 14.2 cc. Chlorides ____

EXTRA EQUIPMENT: Type Circ. Sub. Plug Safety Joint No Jars: Size ____ In. Make ____ Ser. No. ____

Dual Packer No Did Packers Hold? Yes Did Tool Plug? No Where? ____

DRILLING CONTRACTOR Co. tools Length Drill Pipe? 3254 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½FH In.

Length Weight Pipe 1018 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4½XH In. Length Drill Collars 29.53 Ft. I.D. Drill Collars 2.2 In.

Tool Joint Size 4½"FH In. Length D.S.T. Tool 24 Ft.

Remarks: Shut-In tool partically closed on first opening. Cuttings inside shut-In tool causing rotation of tool to be off. Shut-In tool malfuctioned

FORM WTC 3

WESTERN TESTERS

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Abercrombie Drilling Inc. Lease & Well No. Ware #3

Elevation ____ Formation Kansas City Effective Pay ____ Ft. Ticket No. 20435

Date 3-27-74 Sec. 24 Twp. 19S Range 28W County Lane State Kansas

Test Approved by Orlin R. Phelps Western Representative Dennis Sporing

Formation Test No. 5 O.K. X Misrun ____ Interval Tested From 4282' to 4293' Total Depth 4392'

Size Main Hole 7 7/8" Rat Hole ____ Conv. ____ B.T. X Damaged X Yes ____ No Conv. ____ B.T. ____ Damaged ____ Yes ____ No

Top Packer Depth 4282 Ft. Size 6 3/4" Bottom Packer Depth ____ Ft. Size ____

Straddle Yes Conv. X B.T. ____ Damaged ____ Yes X No Packer Depth 4293 Ft. Size 6 3/4"

Tool Size 5½"O.D. Tool Joint Size 4½"F.H. Anchor Length 11 Ft. Size 5½"O.D. Surface Choke Size 3/8 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4288 Ft. Clock No. 6896 Depth 4291 Ft. Clock No. 4964

Top Make Kuster Cap. 4500 No. 3086 ~~Inside~~ Outside Bottom Make Kuster Cap. 4200 No. 1558 ~~Inside~~ Outside

Below Straddle: Depth 4389 Rec. No. 106 Clock No. 11 ~~Inside~~ Outside Depth 4391 Ft. Rec. No. 108 Clock No. 12 ~~Inside~~ Outside

Time Set Packer 8:27 A.M.

Tool Open I.F.P. From 8:30 M. to 9:00A.M. Hr. 30 Min. From (B) 72 P.S.I. To (C) 1065 P.S.I.

Tool Closed I.C.I.P. From 9:00 M. to 9:45A.M. Hr. 45 Min (D) 1176 P.S.I.

Tool Open F.F.P. From 9:45 M. to 11:15A.M. Hr. 90 Min. From (E) 1120 P.S.I. To (F) 1182 P.S.I.

Tool Closed F.C.I.P. From 11:15 M. to 12:15A.M. Hr. 60 Min. (G) 1182 P.S.I.

Initial Hydrostatic Pressure (A) 2262 P.S.I. Final Hydrostatic Pressure (H) 2212 P.S.I. Maximum Temp. ____

INFORMATION

BLOW Strong bottom bucket

Did Well Flow ____ Yes X No Recovery Total Ft. 2520 feet oil cut salt water 180 feet gas

Reversed Out ____ Yes X No Mud Type Starch Viscosity 46 Weight 9.3 Water Loss 16.8 cc. Chlorides ____

EXTRA EQUIPMENT: Type Circ. Sub. Plug Safety Joint No Jars: Size No In. Make ____ Ser. No. ____

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? ____

DRILLING CONTRACTOR Co. tools Length Drill Pipe? 3249 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½"FH In.

Length Weight Pipe 1018 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4½XH In. Length Drill Collars 84 Ft. I.D. Drill Collars 2.2 In.

Tool Joint Size 4½FH In. Length D.S.T. Tool 40 Ft. 99 feet tail pipe

Remarks:

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 3-27-74 Test Ticket No. 20435

Recorder No. 3086 Capacity 4500 Location 4288 Ft.

Clock No. 6896 Elevation Well Temperature °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2262 P.S.I.	Open Tool	8:27 A. M	
B First Initial Flow Pressure	72 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	1065 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1120 P.S.I.	Second Flow Pressure	90 Mins.	90 Mins.
E Second Initial Flow Pressure	1182 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	1182 P.S.I.			
G Final Closed-in Pressure	2212 P.S.I.			
H Final Hydrostatic Mud	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	72
P 2 5	535
P 3 10	695
P 4 15	825
P 5 20	921
P 6 25	998
P 7 30	1065
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	1065
3	1164
6	1169
9	1171
12	1173
15	1173
18	1173
21	1176
24	1176
27	1176
30	1176
33	1176
36	1176
39	1176
42	1176
45	1176

Second Flow Pressure
Breakdown: 18 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	1120
5	1125
10	1148
15	1157
20	1166
25	1173
30	1177
35	1177
40	1177
45	1177
50	1177
55	1182
60	1182
65	1182
70	1182
75	1182
80	1182
85	1182
90	1182

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

Point Minutes	Press.
0	1182
3	1182
6	1182
9	1182
12	1182
15	1182
18	1182
21	1182
24	1182
27	1182
30	1182
33	1182
36	1182
39	1182
42	1182
45	1182
48	1182
51	1182
54	1182
57	1182
60	1182