Company Beren Corporation — Lease & Well No. Kelton #2

Elevation --- — Formation Lansing — Effective Pay - Ft. — Ticket No. 14760

Date 4/ 26/82 — Sec. 12 — Twp. 27S — Range 16W — County Kiowa — State Kansas

Test Approved by Robert C. Lewellyn — Western Representative Jim Wondra

Formation Test No. 1 — Interval Tested from 4150 ft. to 4180 ft. — Total Depth 4180 ft.

Packer Depth 4145 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 4150 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4170 ft. — Recorder Number 2607 — Cap. 4150

Bottom Recorder Depth (Outside) 4173 ft. — Recorder Number 3351 — Cap. 4000

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

Drilling Contractor Beredco Drlg. Rig #2 — Drill Collar Length 270 — I. D. 2¼ in.

Mud Type premix — Viscosity 35 — Weight Pipe Length - — I. D. - in.

Weight 9.3 — Water Loss 48.0 cc. — Drill Pipe Length 3859 — I. D. 3.8 in.

Chlorides 17,000 P.P.M. — Test Tool Length 21 ft. — Tool Size 5½OD in.

Jars: Make - — Serial Number - — Anchor Length 30 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 in. — Tool Joint Size 4½FH in.

Blow: Strong blow throughout test. Gas to surface in twenty-eight minutes on pre-flow.
See attached sheet for gas measurements.

Recovered 45 ft. of heavy oil and gas cut mud

Recovered 735 ft. of clean gassy oil (29 gravity)

Recovered 90 ft. of salt water (Chlorides 92,000 ppm)

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 12:00 A.M. ~~P.M.~~ — Time Started Off Bottom 4:45 A.M. ~~P.M.~~ — Maximum Temperature 121°

Initial Hydrostatic Pressure			(A)	2099	P.S.I.	
Initial Flow Period	Minutes 30		(B)	112 P.S.I. to	(C) 123	P.S.I.
Initial Closed In Period	Minutes 48		(D)	1307	P.S.I.	
Final Flow Period	Minutes 120		(E)	205 P.S.I. to	(F) 328	P.S.I.
Final Closed In Period	Minutes 90		(G)	1241	P.S.I.	
Final Hydrostatic Pressure			(H)	2013	P.S.I.	

WTC-1

GAS FLOW REPORT

Date 4/26/82 Ticket 14760 Company Beren Corporation

Well Name and No. Kelton #2 Dst No. 1 Interval Tested 4150'-4180'

County Kiowa State Kansas Sec. 12 Twp. 27S Rg. 16W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
PRE FLOW					
Gas to surface in twenty-eight minutes.					
SECOND FLOW					
5 min.	15" of water		1/2" orifice		24,500 CFPD
10 min.	10" of water		1/2" orifice		19,900 CFPD
20 min.	5" of water		1/2" orifice		14,100 CFPD
30 min.	3" of water		1/2" orifice		10,900 CFPD
40 min.	2" of water		1/2" orifice		8,870 CFPD
50 min.	4" of water		1/4" orifice		3,370 CFPD
60 min.	4" of water		1/4" orifice		3,370 CFPD
70 min.	4" of water		1/4" orifice		3,370 CFPD
80 min.	4" of water		1/4" orifice		3,370 CFPD
90 min.	3" of water		1/4" orifice		2,920 CFPD
100min.	3" of water		1/4" orifice		2,920 CFPD
120min.	3" of water		1/4" orifice		2,920 CFPD

GAS BOTTLE

Serial No. ---- Date Bottle Filled --- Date to be Invoiced 4/26/82

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 1½% per month, equal to 18% 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 Beren Corporation

Authorized by Robert C. Lewellyn

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 4/26/82 Test Ticket No. 14760

Recorder No. 2607 Capacity 4150 Location 4170 Ft.

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

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2099 P.S.I.	Open Tool	12:00A M	
B First Initial Flow Pressure	112 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	123 P.S.I.	Initial Closed-in Pressure	45 Mins.	48 Mins.
D Initial Closed-in Pressure	1307 P.S.I.	Second Flow Pressure	120 Mins.	120 Mins.
E Second Initial Flow Pressure	205 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	328 P.S.I.			
G Final Closed-in Pressure	1241 P.S.I.			
H Final Hydrostatic Mud	2013 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	112
P 2 5	112
P 3 10	112
P 4 15	113
P 5 20	116
P 6 25	120
P 7 30	123
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 16 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	123
3	529
6	785
9	908
12	990
15	1046
18	1090
21	1123
24	1157
27	1180
30	1201
33	1224
36	1245
39	1261
42	1282
45	1293
48	1307

Second Flow Pressure
Breakdown: 24 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	205
5	205
10	205
15	205
20	205
25	207
30	212
35	217
40	223
45	226
50	231
55	237
60	247
65	258
70	265
75	270
80	277
85	284
90	291
95	296
100	301

CONTINUED

Final Shut-In
Breakdown: 30 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	328
3	596
6	725
9	804
12	852
15	881
18	914
21	946
24	970
27	994
30	1015
33	1036
36	1056
39	1074
42	1092
45	1106
48	1119
51	1132
54	1142
57	1155
60	1165

CONTINUED NEXT PAGE

WESTERN TESTING CO., INC.
Pressure Data

Date 4/26/82 Test Ticket No. 14760

Recorder No. 2607 Capacity 4150 Location 4170 Ft.

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

Point	Pressure	
A Initial Hydrostatic Mud	2099	P.S.I.
B First Initial Flow Pressure	112	P.S.I.
C First Final Flow Pressure	123	P.S.I.
D Initial Closed-in Pressure	1307	P.S.I.
E Second Initial Flow Pressure	205	P.S.I.
F Second Final Flow Pressure	328	P.S.I.
G Final Closed-in Pressure	1241	P.S.I.
H Final Hydrostatic Mud	2013	P.S.I.

	Time Given	Time Computed
Open Tool	12:00A M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	45 Mins.	48 Mins.
Second Flow Pressure	120 Mins.	120 Mins.
Final Closed-in Pressure	90 Mins.	90 Mins.

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1	
P 2	
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: 16 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.

Second Flow Pressure
Breakdown: 24 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
105	305
110	310
115	318
120	328

Final Shut-In
Breakdown: 30 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
63	1176
66	1183
69	1192
72	1203
75	1212
78	1215
81	1225
84	1230
87	1236
90	1241

JH # 14760

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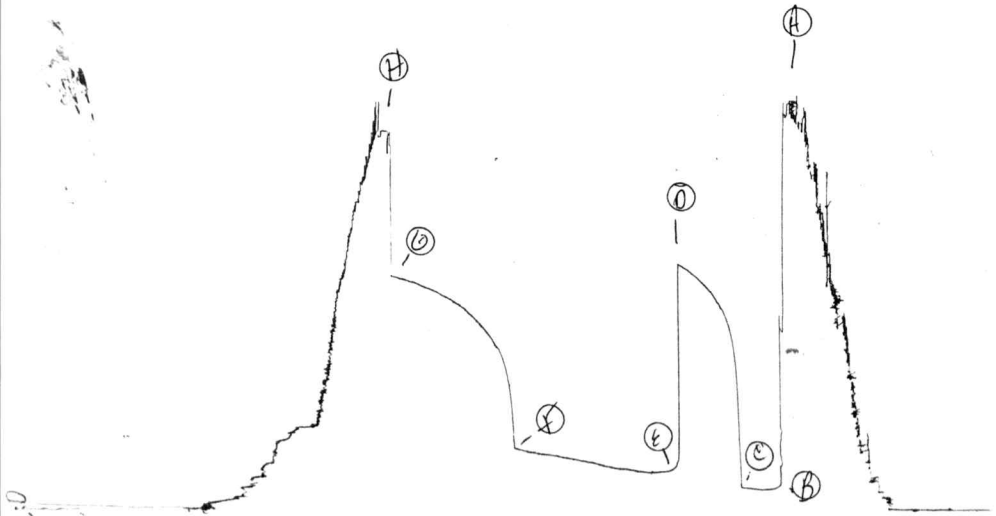

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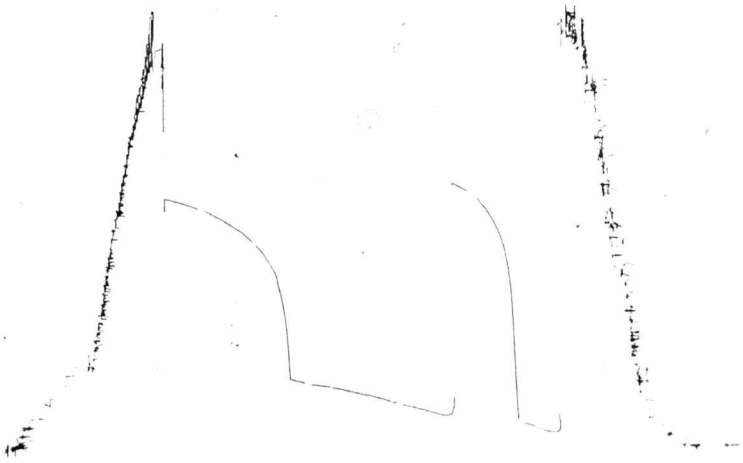

Company Beren Corporation — Lease & Well No. Kelton #2

Elevation --- — Formation Lansing — Effective Pay - Ft. — Ticket No. 14761

Date 4/ 27/82 — Sec. 12 — Twp. 27S — Range 16W — County Kiowa — State Kansas

Test Approved by Robert C. Lewellyn — Western Representative Jim Wondra

Formation Test No. 2 — Interval Tested from 4270 ft. to 4300 ft. — Total Depth 4300 ft.

Packer Depth 4265 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 4270 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4290 ft. — Recorder Number 2607 — Cap. 4150

Bottom Recorder Depth (Outside) 4293 ft. — Recorder Number 3351 — Cap. 4000

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

Drilling Contractor Beredco Drlg. Rig #2 — Drill Collar Length 270 — I. D. 2¼ in.

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

Weight 9.4 — Water Loss 12.0 cc. — Drill Pipe Length 3979 — I. D. 3.8 in.

Chlorides 13,000 P.P.M. — Test Tool Length 21 ft. — Tool Size 5½OD in.

Jars: Make - — Serial Number - — Anchor Length 30 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: Strong blow thorughout test.

Recovered 220 ft. of slightly oil and gas cut mud

Recovered 1800 ft. of salt water (Chlorides 116,000 ppm)

Recovered ____ ft. of

Recovered ____ ft. of

Recovered ____ ft. of

Remarks:

Time Set Packer(s) 12:15 A.M. ~~P.M.~~ — Time Started Off Bottom 5:00 A.M. ~~P.M.~~ — Maximum Temperature 123°

Initial Hydrostatic Pressure			(A) 2124 P.S.I.			
Initial Flow Period	Minutes 30	(B) 178 P.S.I.	to	(C) 362 P.S.I.		
Initial Closed In Period	Minutes 45	(D) 1469 P.S.I.				
Final Flow Period	Minutes 120	(E) 494 P.S.I.	to	(F) 992 P.S.I.		
Final Closed In Period	Minutes 93	(G) 1429 P.S.I.				
Final Hydrostatic Pressure			(H) 2109 P.S.I.			

WTC-1

WESTERN TESTING CO., INC.

Pressure Data

Date 4/27/82 Test Ticket No. 14761

Recorder No. 2607 Capacity 4150 Location 4290 Ft.

Clock No. -- Elevation --- Well Temperature 123 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2124 P.S.I.	Open Tool	12:15A M	
B First Initial Flow Pressure	178 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	362 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1469 P.S.I.	Second Flow Pressure	120 Mins.	120 Mins.
E Second Initial Flow Pressure	494 P.S.I.	Final Closed-in Pressure	90 Mins.	93 Mins.
F Second Final Flow Pressure	992 P.S.I.			
G Final Closed-in Pressure	1429 P.S.I.			
H Final Hydrostatic Mud	2109 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	178
P 2 5	178
P 3 10	193
P 4 15	241
P 5 20	290
P 6 25	328
P 7 30	362
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	362
3	1238
6	1320
9	1357
12	1385
15	1399
18	1416
21	1427
24	1437
27	1443
30	1450
33	1456
36	1460
39	1462
42	1464
45	1469

Second Flow Pressure
Breakdown: 24 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	494
5	494
10	497
15	511
20	534
25	562
30	596
35	621
40	652
45	681
50	706
55	733
60	756
65	779
70	803
75	827
80	845
85	868
90	889
95	910
100	928

CONTINUED

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

Point Minutes	Press.
0	992
3	1247
6	1282
9	1309
12	1328
15	1341
18	1351
21	1359
24	1368
27	1375
30	1380
33	1384
36	1388
39	1393
42	1396
45	1398
48	1401
51	1404
54	1406
57	1408
60	1410

CONTINUED NEXT PAGE

WESTERN TESTING CO., INC.

Pressure Data

Date 4/27/82 Test Ticket No. 14761

Recorder No. 2607 Capacity 4150 Location 4290 Ft.

Clock No. -- Elevation --- Well Temperature 123 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2124 P.S.I.	Open Tool	12:15A M	
B First Initial Flow Pressure	178 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	362 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1469 P.S.I.	Second Flow Pressure	120 Mins.	120 Mins.
E Second Initial Flow Pressure	494 P.S.I.	Final Closed-in Pressure	90 Mins.	93 Mins.
F Second Final Flow Pressure	992 P.S.I.			
G Final Closed-in Pressure	1429 P.S.I.			
H Final Hydrostatic Mud	2109 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: 24 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				105	946	63	1412
P 2				110	964	66	1414
P 3				115	983	69	1416
P 4				120	992	72	1418
P 5						75	1420
P 6						78	1422
P 7						81	1424
P 8						84	1426
P 9						87	1427
P10						90	1428
P11						93	1429
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Lot # 14761

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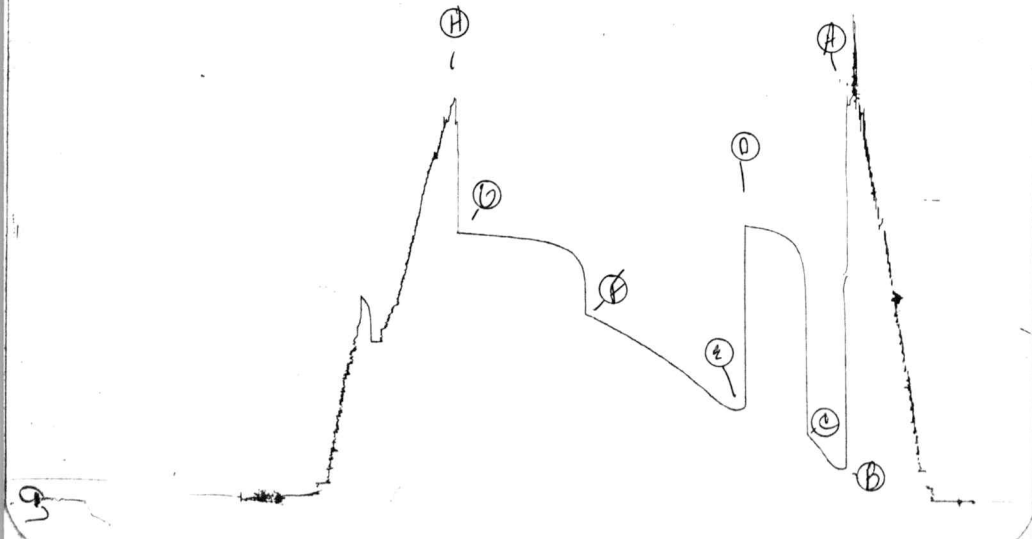

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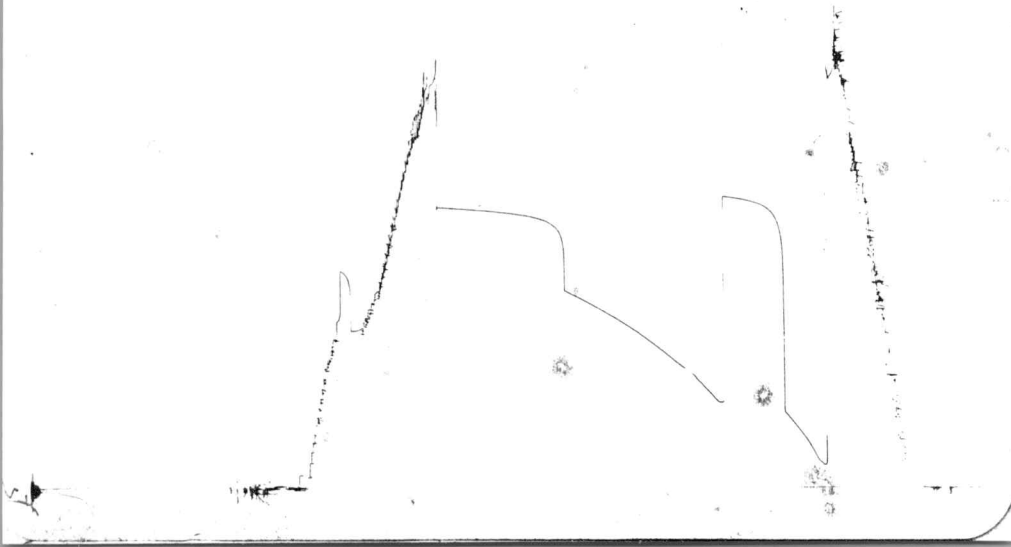

Company Beren Corporation — Lease & Well No. Kelton #2

Elevation ---- Formation Pawnee — Effective Pay --- Ft. Ticket No. 14762

Date 4/ 27/82 Sec. 12 Twp. 27S Range 16W County Kiowa State Kansas

Test Approved by Robert C. Lewellyn — Western Representative Jim Wondra

Formation Test No. 3 Interval Tested from 4373 ft. to 4440 ft. Total Depth 4440 ft.

Packer Depth 4368 ft. Size 6 3/4 in. — Packer Depth - ft. Size - in.

Packer Depth 4373 ft. Size 6 3/4 in. — Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4397 ft. — Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 4400 ft. — Recorder Number 3351 Cap. 4000

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

Drilling Contractor Beredco Drlg. Rig #2 — Drill Collar Length 270 I. D. 2¼ in.

Mud Type drispac Viscosity 78 — Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 10.4 cc. — Drill Pipe Length 4082 I. D. 3.8 in.

Chlorides 18,000 P.P.M. — Test Tool Length 21 ft. Tool Size 5½OD in.

Jars: Make - Serial Number - — Anchor Length 67 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: Weak blow throughout initial flow period. Weak blow died in fifteen minutes on final flow period.

Recovered 60 ft. of drilling mud

Recovered ____ ft. of

Recovered ____ ft. of

Recovered ____ ft. of

Recovered ____ ft. of

Remarks:

Time Set Packer(s) 7:50 ~~A.M.~~ P.M. Time Started Off Bottom 10:20 A.M. ~~P.M.~~ Maximum Temperature 124°

Initial Hydrostatic Pressure			(A) 2310	P.S.I.		
Initial Flow Period	Minutes 30	(B) 93	P.S.I.	to (C) 93	P.S.I.	
Initial Closed In Period	Minutes 45	(D) 99	P.S.I.			
Final Flow Period	Minutes 30	(E) 89	P.S.I.	to (F) 93	P.S.I.	
Final Closed In Period	Minutes 45	(G) 93	P.S.I.			
Final Hydrostatic Pressure			(H) 2289	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 4/27/82 Test Ticket No. 14762

Recorder No. 2607 Capacity 4150 Location 4397 Ft.

Clock No. -- Elevation -- Well Temperature 124 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2310 P.S.I.	Open Tool	7:50P M	
B	First Initial Flow Pressure	93 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	93 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D	Initial Closed-in Pressure	99 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E	Second Initial Flow Pressure	89 P.S.I.	Final Closed-in Pressure	45 Mins.	45 Mins.
F	Second Final Flow Pressure	93 P.S.I.			
G	Final Closed-in Pressure	93 P.S.I.			
H	Final Hydrostatic Mud	2289 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	93
P 2 5	93
P 3 10	93
P 4 15	93
P 5 20	93
P 6 25	93
P 7 30	93
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	93
3	93
6	93
9	93
12	93
15	93
18	93
21	93
24	93
27	93
30	94
33	95
36	96
39	97
42	98
45	99

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

Point Minutes	Press.
0	89
5	89
10	89
15	89
20	89
25	90
30	93

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

Point Minutes	Press.
0	93
3	93
6	93
9	93
12	93
15	93
18	93
21	93
24	93
27	93
30	93
33	93
36	93
39	93
42	93
45	93

NK # 14762

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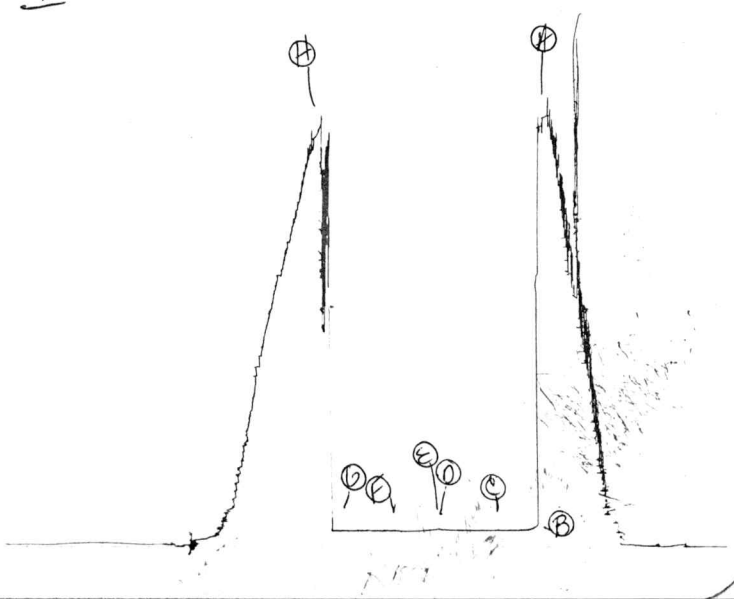

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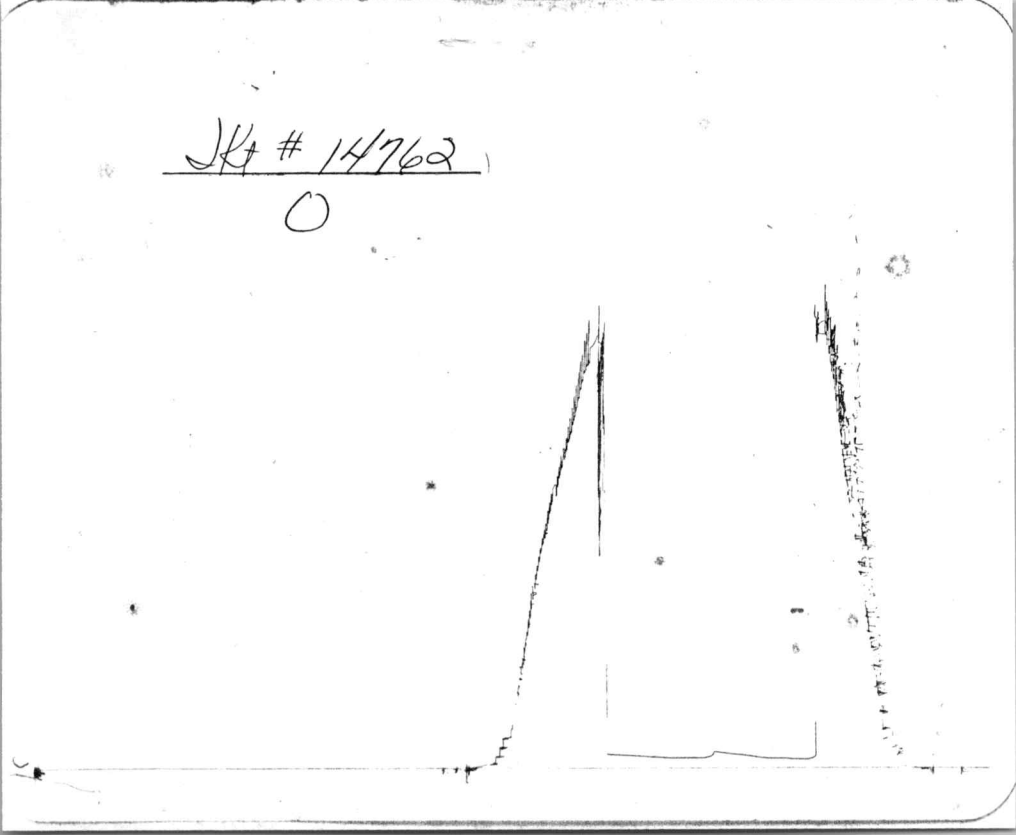

Company Beren Corporation — Lease & Well No. Kelton #2

Elevation ---- Formation Mississippi — Effective Pay --- Ft. Ticket No. 14763

Date 4/ 28/82 Sec. 12 Twp. 27S Range 16W County Kiowa State Kansas

Test Approved by Robert C. Lewellyn — Western Representative Jim Wondra

Formation Test No. 4 Interval Tested from 4441 ft. to 4510 ft. Total Depth 4510 ft.

Packer Depth 4436 ft. Size 6 3/4 in. — Packer Depth - ft. Size - in.

Packer Depth 4441 ft. Size 6 3/4 in. — Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4467 ft. — Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 4470 ft. — Recorder Number 3351 Cap. 4000

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

Drilling Contractor Beredco Drlg. Rig #2 — Drill Collar Length 270 I. D. 2¼ in.

Mud Type drispac Viscosity 53 — Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 15.8 cc. — Drill Pipe Length 4180 I. D. 3.8 in.

Chlorides 18,000 P.P.M. — Test Tool Length 21 ft. Tool Size 5½OD in.

Jars: Make - Serial Number - — Anchor Length 69 ft. Size 5½OD

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: Strong blow thoroughout test.

Recovered 450 ft. of gas cut mud (few specks of oil)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 1:35 ~~A.M.~~ P.M. — Time Started Off Bottom 6:20 ~~A.M.~~ P.M. — Maximum Temperature 125°

Initial Hydrostatic Pressure			(A)	2268	P.S.I.	
Initial Flow Period	Minutes	30	(B)	263 P.S.I. to (C)	306	P.S.I.
Initial Closed In Period	Minutes	48	(D)	758	P.S.I.	
Final Flow Period	Minutes	120	(E)	286 P.S.I. to (F)	281	P.S.I.
Final Closed In Period	Minutes	90	(G)	1261	P.S.I.	
Final Hydrostatic Pressure			(H)	2225	P.S.I.	

WTC-1

WESTERN TESTING CO., INC.
Pressure Data

Date 4/28/82 Test Ticket No. 14763

Recorder No. 2607 Capacity 4150 Location 4467 Ft.

Clock No. -- Elevation --- Well Temperature 125 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2268	P.S.I.
B	First Initial Flow Pressure	263	P.S.I.
C	First Final Flow Pressure	306	P.S.I.
D	Initial Closed-in Pressure	758	P.S.I.
E	Second Initial Flow Pressure	286	P.S.I.
F	Second Final Flow Pressure	281	P.S.I.
G	Final Closed-in Pressure	1261	P.S.I.
H	Final Hydrostatic Mud	2225	P.S.I.

	Time Given	Time Computed
Open Tool	1:35P M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	45 Mins.	48 Mins.
Second Flow Pressure	120 Mins.	120 Mins.
Final Closed-in Pressure	90 Mins.	90 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	263
P 2 5	277
P 3 10	316
P 4 15	316
P 5 20	315
P 6 25	311
P 7 30	306
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 16 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	306
3	311
6	326
9	352
12	381
15	417
18	451
21	483
24	515
27	544
30	575
33	608
36	633
39	664
42	687
45	712
48	758

Second Flow Pressure
Breakdown: 24 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	286
5	286
10	286
15	286
20	286
25	286
30	286
35	286
40	286
45	286
50	286
55	286
60	286
65	286
70	286
75	286
80	286
85	286
90	284
95	284
100	284

Final Shut-In
Breakdown: 30 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	281
3	294
6	349
9	409
12	460
15	521
18	571
21	621
24	666
27	710
30	754
33	795
36	831
39	873
42	904
45	937
48	969
51	1002
54	1029
57	1051
60	1079

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WESTERN TESTING CO., INC.
Pressure Data

Date 4/28/82 Test Ticket No. 14763

Recorder No. 2607 Capacity 4150 Location 4467 Ft.

Clock No. -- Elevation --- Well Temperature 125 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2268 P.S.I.		Open Tool	1:35P M	
B	First Initial Flow Pressure	263 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	306 P.S.I.		Initial Closed-in Pressure	45 Mins.	48 Mins.
D	Initial Closed-in Pressure	758 P.S.I.		Second Flow Pressure	120 Mins.	120 Mins.
E	Second Initial Flow Pressure	286 P.S.I.		Final Closed-in Pressure	90 Mins.	90 Mins.
F	Second Final Flow Pressure	281 P.S.I.				
G	Final Closed-in Pressure	1261 P.S.I.				
H	Final Hydrostatic Mud	2225 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: 16 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 24 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				105	283	63	1107
P 2				110	282	66	1127
P 3				115	281	69	1147
P 4				120	281	72	1168
P 5						75	1188
P 6						78	1208
P 7						81	1225
P 8						84	1241
P 9						87	1257
P10						90	1261
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

KA # 14763

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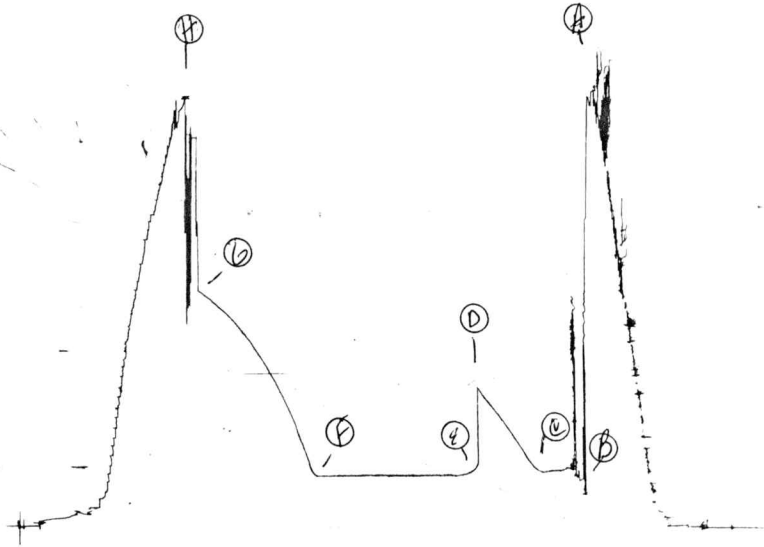

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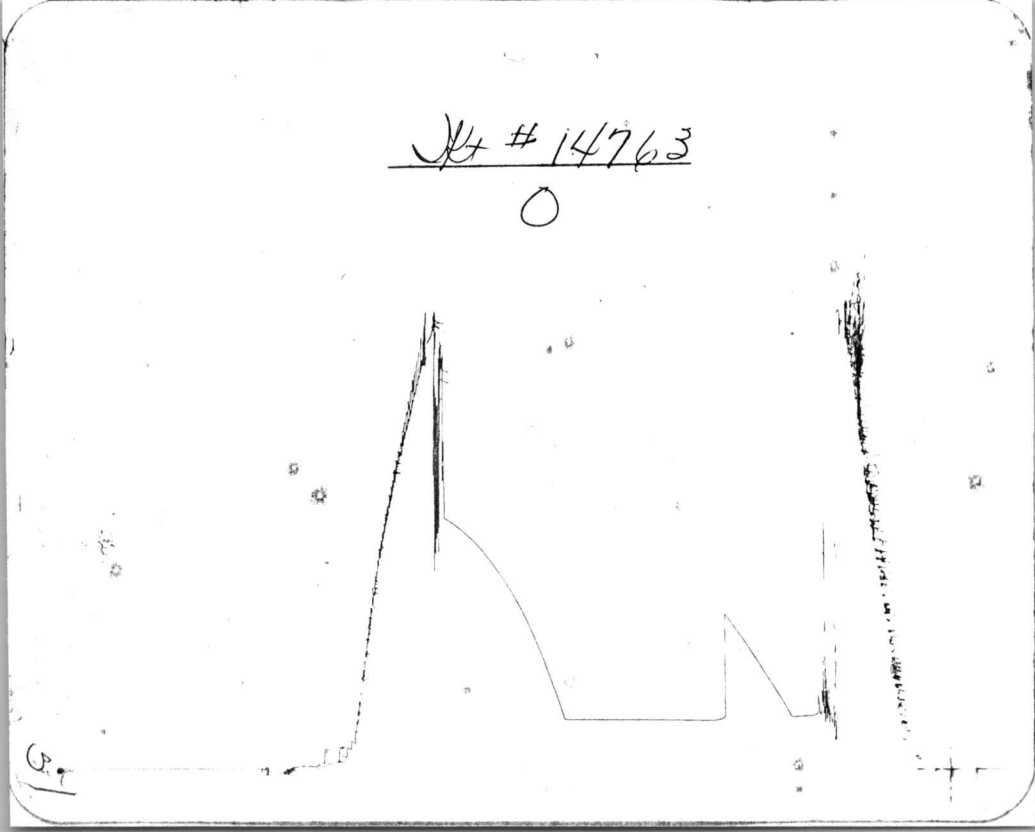

Company Beren Corporation — Lease & Well No. Kelton #2

Elevation ---- — Formation Kinderhook — Effective Pay --- Ft. — Ticket No. 14764

Date 4/ 29/82 — Sec. 12 — Twp. 27S — Range 16W — County Kiowa — State Kansas

Test Approved by Robert C. Lewellyn — Western Representative Jim Wondra

Formation Test No. 5 — Interval Tested from 4490 ft. to 4550 ft. — Total Depth 4550 ft.

Packer Depth 4485 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 4490 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4507 ft. — Recorder Number 2607 — Cap. 4150

Bottom Recorder Depth (Outside) 4510 ft. — Recorder Number 3351 — Cap. 4000

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

Drilling Contractor Beredco Drlg. Rig #2 — Drill Collar Length 270 — I. D. 2¼ in.

Mud Type drispac — Viscosity 53 — Weight Pipe Length - — I. D. - in.

Weight 9.3 — Water Loss 15.8 cc. — Drill Pipe Length 4229 — I. D. 3.8 in.

Chlorides 18,000 P.P.M. — Test Tool Length 21 ft. — Tool Size 5½OD in.

Jars: Make - — Serial Number - — Anchor Length 60 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 7/8in. — Tool Joint Size 4½FH in.

Blow: Strong blow throughout test. Gas to surface in one minute on pre-flow. See attached sheet for gas measurements.

Recovered 30 ft. of clean gassy oil (36 gravity)

Recovered 30 ft. of foggy gassy oil

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 5:35 A.M. ~~P.M.~~ — Time Started Off Bottom 9:00 A.M. ~~P.M.~~ — Maximum Temperature 125°

Initial Hydrostatic Pressure			(A)	2362	P.S.I.	
Initial Flow Period	Minutes	30	(B)	1150	P.S.I. to (C)	1185 P.S.I.
Initial Closed In Period	Minutes	45	(D)	1526	P.S.I.	
Final Flow Period	Minutes	40	(E)	1119	P.S.I. to (F)	1187 P.S.I.
Final Closed In Period	Minutes	93	(G)	1536	P.S.I.	
Final Hydrostatic Pressure			(H)	2310	P.S.I.	

WTC-

GAS FLOW REPORT

Date 4/29/82 Ticket 14764 Company Beren Corporation

Well Name and No. Kelton #2 Dst No. 5 Interval Tested 4490'-4550'

County Kiowa State Kansas Sec. 12 Twp. 27S Rg. 16W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
Gas to surface in one minute.			**PRE FLOW**		
5 min.	2" orifice		38 PSIG		5,020,000 CFPD
10 min.	2" orifice		40 PSIG		5,210,000 CFPD
20 min.	2" orifice		40 PSIG		5,210,000 CFPD
30 min.	2" orifice		40 PSIG		5,210,000 CFPD
			SECOND FLOW		
5 min.	2" orifice		38 PSIG		5,020,000 CFPD
10 min.	2" orifice		45 PSIG		5,690,000 CFPD
20 min.	2" orifice		50 PSIG		6,160,000 CFPD
30 min.	2" orifice		50 PSIG		6,160,000 CFPD
40 min.	2" orifice		50 PSIG		6,160,000 CFPD

GAS BOTTLE

Serial No. --- Date Bottle Filled ---- Date to be Invoiced 4/29/82

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 1½% per month, equal to 18% 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 Beren Corporation

Authorized by Robert C. Lewellyn

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 4/29/82 Test Ticket No. 14764

Recorder No. 2607 Capacity 4150 Location 4507 Ft.

Clock No. -- Elevation --- Well Temperature 125 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2362 P.S.I.	Open Tool		5:35A M	
B	First Initial Flow Pressure	1150 P.S.I.	First Flow Pressure		30 Mins.	30 Mins.
C	First Final Flow Pressure	1185 P.S.I.	Initial Closed-in Pressure		45 Mins.	45 Mins.
D	Initial Closed-in Pressure	1526 P.S.I.	Second Flow Pressure		30 Mins.	40 Mins.
E	Second Initial Flow Pressure	1119 P.S.I.	Final Closed-in Pressure		90 Mins.	93 Mins.
F	Second Final Flow Pressure	1187 P.S.I.				
G	Final Closed-in Pressure	1536 P.S.I.				
H	Final Hydrostatic Mud	2310 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	1150
P 2	5	1150
P 3	10	1155
P 4	15	1163
P 5	20	1173
P 6	25	1183
P 7	30	1185
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	1185
3	1466
6	1490
9	1500
12	1510
15	1516
18	1519
21	1521
24	1522
27	1523
30	1523
33	1524
36	1525
39	1526
42	1526
45	1526

Second Flow Pressure
Breakdown: 8 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	1119
5	1121
10	1153
15	1184
20	1196
25	1196
30	1192
35	1188
40	1187

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

Point Minutes	Press.
0	1187
3	1477
6	1494
9	1504
12	1514
15	1516
18	1518
21	1520
24	1522
27	1524
30	1526
33	1527
36	1528
39	1528
42	1528
45	1528
48	1529
51	1530
54	1531
57	1531
60	1531

WTC - 4

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WESTERN TESTING CO., INC.
Pressure Data

Date 4/29/82 Test Ticket No. 14764

Recorder No. 2607 Capacity 4150 Location 4507 Ft.

Clock No. -- Elevation --- Well Temperature 125 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2362 P.S.I.		Open Tool	5:35A M	
B	First Initial Flow Pressure	1150 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	1185 P.S.I.		Initial Closed-in Pressure	45 Mins.	45 Mins.
D	Initial Closed-in Pressure	1526 P.S.I.		Second Flow Pressure	30 Mins.	40 Mins.
E	Second Initial Flow Pressure	1119 P.S.I.		Final Closed-in Pressure	90 Mins.	93 Mins.
F	Second Final Flow Pressure	1187 P.S.I.				
G	Final Closed-in Pressure	1536 P.S.I.				
H	Final Hydrostatic Mud	2310 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: 8 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	1532
P 2						66	1533
P 3						69	1534
P 4						72	1535
P 5						75	1536
P 6						78	1536
P 7						81	1536
P 8						84	1536
P 9						87	1536
P10						90	1536
P11						93	1536
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

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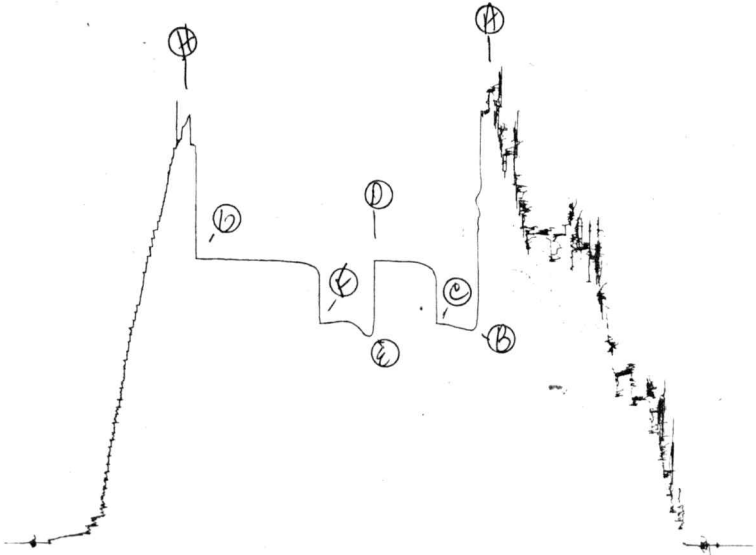

Lt # 14764