mpany Eagle Petroleum Corporation Lease & Well No. Bryan #1

evation 1963 Kelly Bushing Formation Kansas City Effective Pay - Ft. Ticket No. 15177

te 1/26/82 Sec. 32 Twp. 28S Range 13W County Pratt State Kansas

st Approved by B.F. Moore Western Representative Mike Rogers

rmation Test No. 1 Interval Tested from 4100 ft. to 4139 ft. Total Depth 4139 ft.

cker Depth 4095 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

cker Depth 4100 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

pth of Selective Zone Set -

p Recorder Depth (Inside) 4103 ft. Recorder Number 1566 Cap. 4300

ttom Recorder Depth (Outside) 4107 ft. Recorder Number 3086 Cap. 4500

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

illing Contractor Landmark Energy Rig #1 Drill Collar Length 309 I. D. 2.2 in.

ud Type starch Viscosity 46 Weight Pipe Length - I. D. - in.

eight 9.5 Water Loss 8.0 cc. Drill Pipe Length 3770 I. D. 3.8 in.

lorides 43,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½ in.

rs: Make - Serial Number - Anchor Length 39 ft. Size 5½ in.

d 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 4½XH in.

ow: Weak one fourth inch slowly building to one and one half ich on initial flow period.
Very weak one fourth inch throughout final flow period.

covered 260 ft. of muddy water with very slightly oil stain

covered ft. of 45% mud;55 % water with 70,000 ppm chlorides

covered ft. of

covered ft. of

covered ft. of

marks:

me Set Packer(s) 12:30 ~~A.M.~~ P.M. Time Started Off Bottom 4:00 ~~A.M.~~ P.M. Maximum Temperature 115°

itial Hydrostatic Pressure ..... (A) 2145 P.S.I.

itial Flow Period ..... Minutes 30 (B) 54 P.S.I. to (C) 76 P.S.I.

itial Closed In Period ..... Minutes 63 (D) 1440 P.S.I.

nal Flow Period ..... Minutes 60 (E) 117 P.S.I. to (F) 153 P.S.I.

nal Closed In Period ..... Minutes 63 (G) 1388 P.S.I.

nal Hydrostatic Pressure ..... (H) 2145 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 1/26/82 Test Ticket No. 15177

Recorder No. 1566 Capacity 4300 Location 4103 Ft.

Clock No. - Elevation 1963 Kelly Bushing Well Temperature 115 °F

Point		Pressure		Time Given		Time Computed	
A	Initial Hydrostatic Mud	2145 P.S.I.	Open Tool	12:30P	M		
B	First Initial Flow Pressure	54 P.S.I.	First Flow Pressure	30	Mins	30	Mins.
C	First Final Flow Pressure	76 P.S.I.	Initial Closed-in Pressure	60	Mins	63	Mins.
D	Initial Closed-in Pressure	1440 P.S.I.	Second Flow Pressure	60	Mins	60	Mins.
E	Second Initial Flow Pressure	117 P.S.I.	Final Closed-in Pressure	60	Mins	63	Mins.
F	Second Final Flow Pressure	153 P.S.I.					
G	Final Closed-in Pressure	1388 P.S.I.					
H	Final Hydrostatic Mud	2145 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	54
P 2	5	54
P 3	10	54
P 4	15	58
P 5	20	64
P 6	25	69
P 7	30	76
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 21 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	76
	3	637
	6	1073
	9	1163
	12	1210
	15	1246
	18	1276
	21	1302
	24	1319
	27	1337
	30	1352
	33	1365
	36	1375
	39	1385
	42	1395
	45	1405
	48	1414
	51	1422
	54	1427
	57	1432
	60	1437
	63	1440

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

Point	Minutes	Press.
	0	117
	5	117
	10	117
	15	117
	20	117
	25	122
	30	130
	35	132
	40	134
	45	138
	50	144
	55	150
	60	153

Final Shut-In
Breakdown: 21 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	153
	3	545
	6	974
	9	1083
	12	1141
	15	1182
	18	1212
	21	1237
	24	1257
	27	1278
	30	1291
	33	1306
	36	1317
	39	1327
	42	1337
	45	1347
	48	1354
	51	1364
	54	1370
	57	1377
	60	1384
	63	1388

JK # 15177

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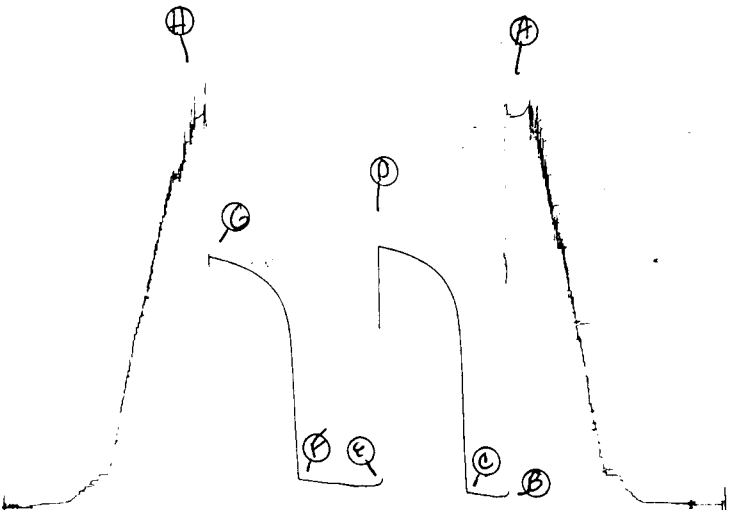

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET · No. 15177 OK

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1963 KB Formation K.C. Eff. Pay Ft.

District Pratt Date 1-26-82 Customer Order No.

COMPANY NAME Eagle Petroleum Corporation Suite 501

ADDRESS 520 S. Holland Wichita, Ks. 67209

LEASE AND WELL NO. Bryan #1 COUNTY Pratt STATE Ks. Sec. 32 Twp. 28 S Rge. 13 W

Mail Invoice To Co. Name Address No. Copies Requested

Mail Charts To Address No. Copies Requested

Formation Test No. 1 Interval Tested from 4100 ft. to 4139 ft. Total Depth 4139 ft.

Packer Depth 4095 ft. Size 6 5/8 in. Packer Depth ft. Size in.

Packer Depth 4100 ft. Size 6 5/8 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4103 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4107 ft. Recorder Number 3086 Cap. 4500

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor LandMark Energy Rig #1 Drill Collar Length 309' I. D. 2.2 in.

Mud Type Starch Viscosity 46 Weight Pipe Length I. D. in.

Weight 9.5 Water Loss 8.0 cc. Drill Pipe Length 3770' I. D. 3.8 in.

Chlorides 43,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make Serial Number Anchor Length 39 ft. Size 5 1/2 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 4 1/2 X in.

Blow: Weak 1/4 inch Slowly Building to 1 1/2 inches I.F.P.
Very WK 1/4 inch Throughout Final Flow Period.

Recovered 260 ft. of Muddy Wtr. w/ Very Slight Oil Stain.-

Recovered ft. of

Recovered ft. of 45% mud & 55% Wtr. w/ 70,000 Chlorides -

Recovered ft. of

Recovered ft. of

Remarks:

Time On Location	9:00 A.M. P.M.	Time Pick Up Tool	10:30 A.M. P.M.	Time Off Location	7:00 A.M. P.M.
Time Set Packer(s)	12:30 A.M. P.M.	Time Started Off Bottom	4:00 A.M. P.M.	Maximum Temperature	115°
Initial Hydrostatic Pressure		(A)	2210 P.S.I.		
Initial Flow Period	Minutes 30	(B)	54 P.S.I.	to (C)	75 P.S.I.
Initial Closed In Period	Minutes 60	(D)	1431 P.S.I.		
Final Flow Period	Minutes 60	(E)	118 P.S.I.	to (F)	140 P.S.I.
Final Closed In Period	Minutes 60	(G)	1377 P.S.I.		
Final Hydrostatic Pressure		(H)	2210 P.S.I.		

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By R. F. Moore R. F. Moore
Signature of Customer or his authorized representative

Western Representative Mike Rogers Thank You!

FIELD INVOICE

Open Hole Test	$ 700.00
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$ 8 mi. -
Fluid Sampler	$
Extra Charts	$
Insurance	$
TOTAL	$ 700.00

WESTERN TESTING CO., INC.
Pressure Data

Date 1-26 Test Ticket No. 15177

Recorder No. 1566 Capacity 4300 Location 4103 F

Clock No. — — — — Elevation 1963 KB Well Temperature 115 °

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2145 P.S.I.	Open Tool	12:30 PM	
B First Initial Flow Pressure	54 P.S.I.	First Flow Pressure	30 Mins.	30 Min
C First Final Flow Pressure	76 P.S.I.	Initial Closed-in Pressure	60 Mins.	63 Min
D Initial Closed-in Pressure	1440 P.S.I.	Second Flow Pressure	60 Mins.	60 Min
E Second Initial Flow Pressure	117 P.S.I.	Final Closed-in Pressure	60 Mins.	63 Min
F Second Final Flow Pressure	153 P.S.I.			
G Final Closed-in Pressure	1388 P.S.I.			
H Final Hydrostatic Mud	2145 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	54
P 2	5	54
P 3	10	54
P 4	15	58
P 5	20	64
P 6	25	69
P 7	30	76
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 21 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	76
3	637
6	1073
9	1163
12	1210
15	1246
18	1276
21	1302
24	1319
27	1337
30	1352
33	1365
36	1375
39	1385
42	1395
45	1405
48	1414
51	1422
54	1427
57	1432
60	1437
63	1440

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

Point Minutes	Press.
0	117
5	
10	
15	
20	117
25	122
30	130
35	132
40	134
45	138
50	144
55	150
60	153
65	
70	
75	
80	
85	
90	

Final Shut-In
Breakdown: 21 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	153
3	545
6	974
9	1083
12	1141
15	1182
18	1212
21	1237
24	1257
27	1278
30	1291
33	1306
36	1317
39	1327
42	1337
45	1347
48	1354
51	1364
54	1370
57	1377
60	1384
63	1388

WTC - 4

Company Eagle Petroleum Corporation — Lease & Well No. Bryan #1

Elevation 1963 Kelly Bushing — Formation Simpson Sand — Effective Pay - Ft. — Ticket No. 15178

Date 1/29/82 — Sec. 32 — Twp. 28S — Range 13W — County Pratt — State Kansas

Test Approved by John Carnes — Western Representative Mike Rogers

Formation Test No. 1 — Interval Tested from 4485 ft. to 4525 ft. — Total Depth 4525 ft.

Packer Depth 4480 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Packer Depth 4485 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4488 ft. — Recorder Number 1566 — Cap. 4300

Bottom Recorder Depth (Outside) 4492 ft. — Recorder Number 3086 — Cap. 4500

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

Drilling Contractor Landmark Drlg. Rig #1 — Drill Collar Length 309 — I. D. 2.2 in.

Mud Type starch — Viscosity 57 — Weight Pipe Length - — I. D. - in.

Weight 10.1 — Water Loss 12.0 cc. — Drill Pipe Length 4155 — I. D. 3.8 in.

Chlorides 68,000 P.P.M. — Test Tool Length 21 ft. — Tool Size 5½ in.

Jars: Make - — Serial Number - — Anchor Length 40 ft. — Size 5½ 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 4½XH in.

Blow: Weak building to three and one half inches in six minues on initial flow period. Steady three inch blow throughout final flow period.

Recovered 30 ft. of gas cut drilling mud with a very few specks of oil

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 3:00 ~~A.M.~~ ~~P.M.~~ — Time Started Off Bottom 6:30 ~~A.M.~~ ~~P.M.~~ — Maximum Temperature 124°

Initial Hydrostatic Pressure			(A)	2426	P.S.I.	
Initial Flow Period	Minutes 30	(B)	42	P.S.I. to (C)	42	P.S.I.
Initial Closed In Period	Minutes 63	(D)	198	P.S.I.		
Final Flow Period	Minutes 60	(E)	60	P.S.I. to (F)	60	P.S.I.
Final Closed In Period	Minutes 66	(G)	202	P.S.I.		
Final Hydrostatic Pressure			(H)	2415	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 1/29/82 Test Ticket No. 15178

Recorder No. 1566 Capacity 4300 Location 4488 Ft.

Clock No. --- Elevation 1963 Kelly Bushing Well Temperature 124 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2426	P.S.I.
B	First Initial Flow Pressure	42	P.S.I.
C	First Final Flow Pressure	42	P.S.I.
D	Initial Closed-in Pressure	198	P.S.I.
E	Second Initial Flow Pressure	60	P.S.I.
F	Second Final Flow Pressure	60	P.S.I.
G	Final Closed-in Pressure	202	P.S.I.
H	Final Hydrostatic Mud	2415	P.S.I.

	Time Given	Time Computed
Open Tool	3:00A M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	60 Mins.	63 Mins.
Second Flow Pressure	60 Mins.	60 Mins.
Final Closed-in Pressure	60 Mins.	66 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	42
P 2 5	42
P 3 10	42
P 4 15	42
P 5 20	42
P 6 25	42
P 7 30	42
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 21 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	42
3	43
6	50
9	60
12	71
15	82
18	93
21	104
24	114
27	123
30	134
33	144
36	155
39	162
42	168
45	176
48	180
51	186
54	189
57	192
60	196
63	198

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

Point Minutes	Press.
0	60
5	60
10	60
15	60
20	60
25	60
30	60
35	60
40	60
45	60
50	60
55	60
60	60

Final Shut-In
Breakdown: 22 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	60
3	61
6	68
9	77
12	89
15	95
18	103
21	109
24	116
27	123
30	131
33	139
36	146
39	153
42	160
45	166
48	172
51	176
54	183
57	186
60	192
63	198
66	202

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JK # 15178

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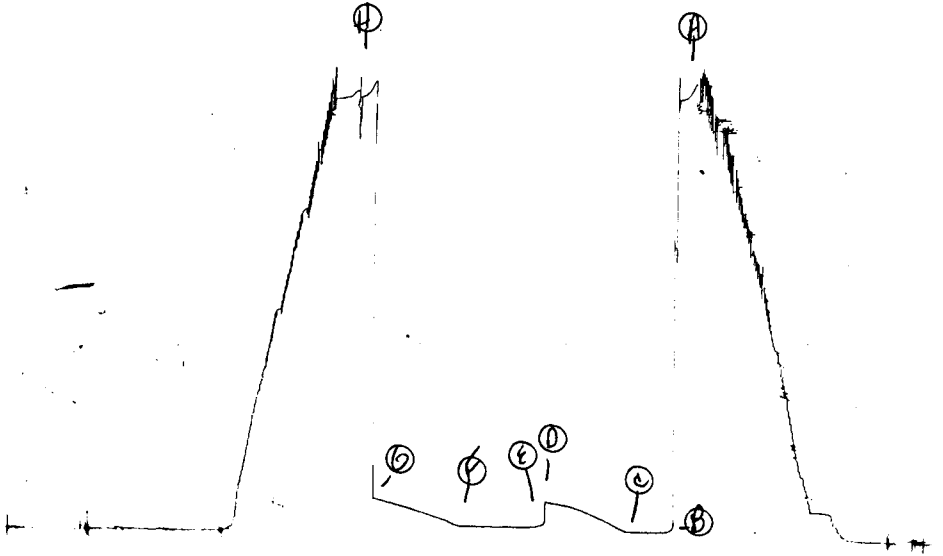

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET Nº 15178

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1963 KB Formation Simpson Sand Eff. Pay Ft.

District Pratt Date 6-29-82 Customer Order No.

COMPANY NAME Eagle Petroleum Corp. Suite 501

ADDRESS 520 S. Holland Wichita, Ks. 67209

LEASE AND WELL NO. Bryan #1 COUNTY Pratt STATE Ks. Sec. 32 Twp. 28 Rge. 13

Mail Invoice To — No. Copies Requested —
Co. Name Address

Mail Charts To — No. Copies Requested
Address

Formation Test No. 2 Interval Tested from 4485 ft. to 4525 ft. Total Depth 4525 ft.

Packer Depth 4480 ft. Size 6 3/8 in. Packer Depth — ft. Size — in.

Packer Depth 4485 ft. Size 6 3/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4488 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4492 ft. Recorder Number 3096 Cap. 4500

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

Drilling Contractor Ludman Rig #1 Drill Collar Length 309' I. D. 2.2 in.

Mud Type Starch Viscosity 57 Weight Pipe Length — I. D. — in.

Weight 10.1 Water Loss 12.0 cc. Drill Pipe Length 4155' I. D. 3.8 in.

Chlorides 68,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make — Serial Number — Anchor Length 40 ft. Size 5 1/2 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 4 1/2 X in.

Blow: WK Building to 3 1/2 inches in 6 min. I. F. P.
Steady 3 inch Blow Throughout F. F. P.

Recovered 30 ft. of gas cut drlg. mud w/a Very Few Specks of Oil

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time On Location 11:45 A.M. Time Pick Up Tool 12:30 P.M. Time Off Location 10:00 P.M.

Time Set Packer(s) 3:00 P.M. Time Started Off Bottom 6:30 P.M. Maximum Temperature 124°

Initial Hydrostatic Pressure			(A)	2428	P.S.I.	
Initial Flow Period	Minutes	30	(B)	64	P.S.I. to (C)	54 P.S.I.
Initial Closed In Period	Minutes	60	(D)	205	P.S.I.	
Final Flow Period	Minutes	60	(E)	75	P.S.I. to (F)	54 P.S.I.
Final Closed In Period	Minutes	60	(G)	194	P.S.I.	
Final Hydrostatic Pressure			(H)	2428	P.S.I.	

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By John Carmen John Carmen
Signature of Customer or his authorized representative

Western Representative Mike Rogers Thank You!

FIELD INVOICE

Open Hole Test	$ 700.00
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$ 8.00
Fluid Sampler	$
Extra Charts	$
Insurance	$
TOTAL	$ 708.00

WESTERN TESTING CO., INC.
Pressure Data

Date 1-29-82 Test Ticket No. 15178

Recorder No. 1566 Capacity 4300 Location 4488 Ft.

Clock No. — — — — Elevation 1963 KB Well Temperature 124 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2426	P.S.I.	Open Tool	3:00 AM	
B	First Initial Flow Pressure	42	P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	42	P.S.I.	Initial Closed-in Pressure	60 Mins.	63 Mins.
D	Initial Closed-in Pressure	198	P.S.I.	Second Flow Pressure	60 Mins.	40 Mins.
E	Second Initial Flow Pressure	60	P.S.I.	Final Closed-in Pressure	60 Mins.	66 Mins.
F	Second Final Flow Pressure	60	P.S.I.			
G	Final Closed-in Pressure	202	P.S.I.			
H	Final Hydrostatic Mud	2415	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	42
P 2 5	
P 3 10	
P 4 15	
P 5 20	
P 6 25	
P 7 30	42
P 8 35	
P 9 40	
P10 45	
P11 50	
P12 55	
P13 60	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 21 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	42
3	43
6	50
9	60
12	71
15	82
18	93
21	104
24	114
27	123
30	134
33	144
36	155
39	162
42	168
45	176
48	180
51	186
54	189
57	192
60	196
63	198

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

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

Final Shut-In
Breakdown: 22 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	60
3	61
6	68
9	77
12	89
15	95
18	103
21	109
24	116
27	123
30	131
33	139
36	146
39	153
42	160
45	166
48	172
51	176
54	183
57	186
60	192
63	198

WTC - 4

Company Eagle Petroleum Corporation — Lease & Well No. Bryan #1

Elevation 1963 Kelly Bushing — Formation Arbuckle — Effective Pay - Ft. — Ticket No. 15179

Date 1/30/82 — Sec. 32 — Twp. 28S — Range 13W — County Pratt — State Kansas

Test Approved by John C Carnes — Western Representative Mike Rogers

Formation Test No. 3 — Interval Tested from 4583 ft. to 4591 ft. — Total Depth 4591 ft.

Packer Depth 4578 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Packer Depth 4583 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4584 ft. — Recorder Number 1566 — Cap. 4300

Bottom Recorder Depth (Outside) 4588 ft. — Recorder Number 3086 — Cap. 4500

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

Drilling Contractor Landmark Rig #1 — Drill Collar Length 309 — I. D. 2.2 in.

Mud Type Starch — Viscosity 63 — Weight Pipe Length - — I. D. - in.

Weight 9.8 — Water Loss 8.0 cc. — Drill Pipe Length 4253 — I. D. 3.8 in.

Chlorides 65,000 P.P.M. — Test Tool Length 21 ft. — Tool Size 5½ in.

Jars: Make - — Serial Number - — Anchor Length 8 ft. — Size 5½ 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 4½XH in.

Blow: Very weak but steady ½ inch throughout test. Flushed tool on final flow period.

Recovered 125 ft. of heavy gas cut drilling mud with spots and oil stain

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Hit several bridges going in with tool.

Time Set Packer(s) 6:30 ~~A.M.~~ P.M. — Time Started Off Bottom 8:30 ~~A.M.~~ P.M. — Maximum Temperature -

Initial Hydrostatic Pressure (A) 2472 P.S.I.

Initial Flow Period Minutes 30 (B) 43 P.S.I. to (C) 50 P.S.I.

Initial Closed In Period Minutes 30 (D) 1412 P.S.I.

Final Flow Period Minutes 30 (E) 82 P.S.I. to (F) 84 P.S.I.

Final Closed In Period Minutes 27 (G) 1343 P.S.I.

Final Hydrostatic Pressure (H) 2447 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 1/30/82 Test Ticket No. 15179

Recorder No. 1566 Capacity 4300 Location 4584 Ft.

Clock No. - Elevation 1963 Kelly Bushing Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2472 P.S.I.	Open Tool	6:30P M	
B First Initial Flow Pressure	43 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	50 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	1412 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	82 P.S.I.	Final Closed-in Pressure	30 Mins.	27 Mins.
F Second Final Flow Pressure	84 P.S.I.			
G Final Closed-in Pressure	1343 P.S.I.			
H Final Hydrostatic Mud	2447 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	43
P 2 5	43
P 3 10	43
P 4 15	43
P 5 20	46
P 6 25	48
P 7 30	50
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	50
3	78
6	283
9	764
12	1068
15	1039
18	1312
21	1355
24	1382
27	1403
30	1412

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

Point Minutes	Press.
0	82
5	82
10	102
15	87
20	85
25	84
30	84

Flushed Tool

Final Shut-In
Breakdown: 9 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	84
3	190
6	472
9	832
12	1066
15	1195
18	1260
21	1300
24	1323
27	1343

IKT # 15179

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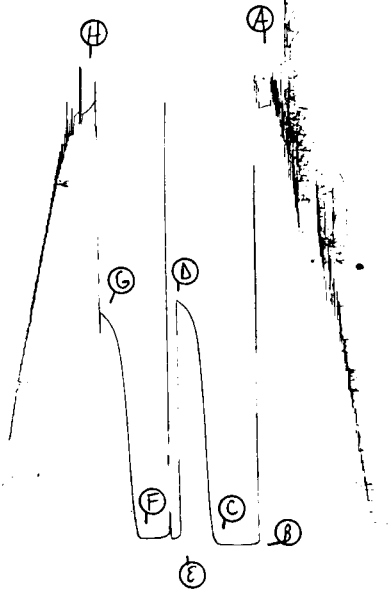

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WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET Nº 15179

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1963 KB Formation Arbuckle Eff. Pay Ft.

District Pratt Date 1-30-82 Customer Order No.

COMPANY NAME Eagle Petroleum Corporation Suite 501

ADDRESS 520 S. Holland Wichita, Ks. 67209

LEASE AND WELL NO. Boyer #1 COUNTY Pratt STATE Ks. Sec. 32 Twp. 28 Rge. 13

Mail Invoice To ____ Address ____ No. Copies Requested ____
Co. Name

Mail Charts To ____ Address ____ No. Copies Requested ____

Formation Test No. 3 Interval Tested from 4583 ft. to 4591 ft. Total Depth 4591 ft.

Packer Depth 4578 ft. Size 6 5/8 in. Packer Depth ____ ft. Size ____ in.

Packer Depth 4583 ft. Size 6 5/8 in. Packer Depth ____ ft. Size ____ in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4584' ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4588' ft. Recorder Number 3086 Cap. 4500

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

Drilling Contractor Landmark Rig #1 Drill Collar Length 309' I. D. 2.2 in.

Mud Type Starch Viscosity 63 Weight Pipe Length ____ I. D. ____ in.

Weight 9.8 Water Loss 8.0 cc. Drill Pipe Length 4253' I. D. 3.8 in.

Chlorides 65,000 P.P.M. Test Tool Length 21' ft. Tool Size 5 1/2 in.

Jars: Make ____ Serial Number ____ Anchor Length 8' ft. Size 5 1/2 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 4 1/2 XH in.

Blow: Very WK Blt Steady 1/2 inch Throughout test!
Flushed Tool on F. & F. P.

Recovered 125' ft. of Heavy gassy Oil and Mud w/Spots and Oil Stain!

Recovered ____ ft. of

Recovered ____ ft. of

Recovered ____ ft. of

Recovered ____ ft. of

Remarks: Hit Sewer / Bridges going in w/ Tool. / NOTE: Yellow Copy Sent in w/ Brad Sowers

original only sent

Time On Location 3:30 A.M. (P.M.) Time Pick Up Tool 4:30 A.M. (P.M.) Time Off Location 12:00 A.M. P.M.

Time Set Packer(s) 6:30 A.M. (P.M.) Time Started Off Bottom 8:30 A.M. (P.M.) Maximum Temperature ____

Initial Hydrostatic Pressure		(A)	2504	P.S.I.		
Initial Flow Period	Minutes 30	(B)	43	P.S.I. to (C)	54	P.S.I.
Initial Closed In Period	Minutes 30	(D)	1398	P.S.I.		
Final Flow Period	Minutes 30	(E)	75	P.S.I. to (F)	75	P.S.I.
Final Closed In Period	Minutes 30	(G)	1345	P.S.I.		
Final Hydrostatic Pressure		(H)	2504	P.S.I.		

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By John C Cannes
Signature of Customer or his authorized representative

Western Representative Mike Rogers Thanks Again!

FIELD INVOICE

Open Hole Test	$ 700.00
Misrun	$ ____
Straddle Test	$ ____
Jars	$ ____
Selective Zone	$ ____
Safety Joint	$ ____
Standby	$ ____
Evaluation	$ ____
Extra Packer	$ ____
Circ. Sub.	$ ____
Mileage	$ 8.00
Fluid Sampler	$ ____
Extra Charts	$ ____
Insurance	$ ____
TOTAL	$ 700.00

WESTERN TESTING CO., INC.
Pressure Data

Date 1-30-82 Test Ticket No. 15179

Recorder No. 1566 Capacity 4300 Location 4584 F

Clock No. — — — — Elevation 1963 KB Well Temperature —— °

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2472	P.S.I.	Open Tool	6:30 P M	
B	First Initial Flow Pressure	43	P.S.I.	First Flow Pressure	30 Mins.	30 Mins
C	First Final Flow Pressure	50	P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins
D	Initial Closed-in Pressure	1412	P.S.I.	Second Flow Pressure	30 Mins.	30 Mins
E	Second Initial Flow Pressure	82	P.S.I.	Final Closed-in Pressure	30 Mins.	27 Mins
F	Second Final Flow Pressure	84	P.S.I.			
G	Final Closed-in Pressure	1343	P.S.I.			
H	Final Hydrostatic Mud	2447	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	43
P 2	5	
P 3	10	
P 4	15	43
P 5	20	46
P 6	25	48
P 7	30	50
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
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	50
3	78
6	283
9	764
12	1068
15	1139
18	1312
21	1355
24	1382
27	1403
30	1412
33	
36	
39	
42	
45	
48	
51	
54	
57	
60	

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

Point Minutes	Press.
0	82
5	82
10	Flushed tool @ 10
15	87
20	85
25	84
30	84
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	

Final Shut-In
Breakdown: 9 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	84
3	190
6	472
9	832
12	1066
15	1195
18	1260
21	1300
24	1323
27	1343
30	
33	
36	
39	
42	
45	
48	
51	
54	
57	
60	

Company Eagle Petroleum Corporation — Lease & Well No. Bryan #1

Elevation 1963 Kelly Bushing — Formation Arbuckle — Effective Pay - Ft. — Ticket No. 15180

Date 1/31/82 — Sec. 32 — Twp. 28S — Range 13W — County Pratt — State Kansas

Test Approved by John C Carnes — Western Representative Mike Rogers

Formation Test No. 4 — Interval Tested from 4590 ft. to 4601 ft. — Total Depth 4601 ft.

Packer Depth 4590 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Packer Depth - ft. — Size - in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4593 ft. — Recorder Number 1566 — Cap. 4300

Bottom Recorder Depth (Outside) 4597 ft. — Recorder Number 3086 — Cap. 4500

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

Drilling Contractor Landmark Rig #1 — Drill Collar Length 309 — I. D. 2.2 in.

Mud Type Starch — Viscosity 63 — Weight Pipe Length - — I. D. - in.

Weight 9.8 — Water Loss 8.0 cc. — Drill Pipe Length 4265 — I. D. 3.8 in.

Chlorides 65,000 P.P.M. — Test Tool Length 16 ft. — Tool Size 5½ in.

Jars: Make - — Serial Number - — Anchor Length 11 ft. — Size 5½ 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 4½XH in.

Blow: Very weak building to ½ inch then depleating on initial flow period. Very weak on final flow period - flushed tool.

Recovered 110 ft. of watery drilling mud with a few specks of oil - 60% mud; 40% water

Recovered ft. of Chlorides 62,000 PPM

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 12:30 A.M. P.M. — Time Started Off Bottom 2:30 A.M. P.M. — Maximum Temperature 124

Initial Hydrostatic Pressure			(A)	2450	P.S.I.	
Initial Flow Period	Minutes 30	(B)	26	P.S.I. to (C)	37	P.S.I.
Initial Closed In Period	Minutes 36	(D)	1400	P.S.I.		
Final Flow Period	Minutes 30	(E)	65	P.S.I. to (F)	65	P.S.I.
Final Closed In Period	Minutes 33	(G)	1371	P.S.I.		
Final Hydrostatic Pressure		(H)	2430	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 1/31/82 Test Ticket No. 15180

Recorder No. 1566 Capacity 4300 Location 4593 Ft.

Clock No. - Elevation 1963 Kelly Bushing Well Temperature 124 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2450 P.S.I.		Open Tool	12:30P M	
B	First Initial Flow Pressure	26 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	37 P.S.I.		Initial Closed-in Pressure	30 Mins.	36 Mins.
D	Initial Closed-in Pressure	1400 P.S.I.		Second Flow Pressure	30 Mins.	30 Mins.
E	Second Initial Flow Pressure	65 P.S.I.		Final Closed-in Pressure	30 Mins.	33 Mins.
F	Second Final Flow Pressure	65 P.S.I.				
G	Final Closed-in Pressure	1371 P.S.I.				
H	Final Hydrostatic Mud	2430 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	26
P 2 5	26
P 3 10	28
P 4 15	29
P 5 20	31
P 6 25	34
P 7 30	37
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 12 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	37
3	42
6	57
9	98
12	216
15	487
18	838
21	1084
24	1245
27	1331
30	1371
33	1395
36	1400

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

Point Minutes	Press.
0	65
5	65
10	65
15	65
20	70
25	67
30	65

Flushed Tool

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

Point Minutes	Press.
0	65
3	84
6	150
9	387
12	755
15	1000
18	1165
21	1261
24	1315
27	1344
30	1365
33	1371

IRT # 15180

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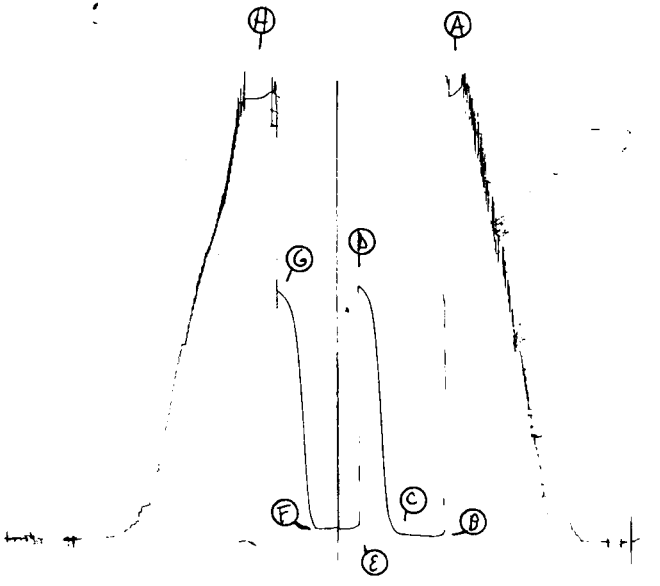

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET Nº 15180

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1963 KB Formation Arbuckle Eff. Pay Ft.

District Pratt Date 1-31-82 Customer Order No.

COMPANY NAME Eagle Pet. Corporation Suite 501

ADDRESS 520 S. Holland, Wichita, Ks 67209

LEASE AND WELL NO. Bryan #1 COUNTY Pratt STATE Ks Sec. 32 Twp. 28 Rge. 13

Mail Invoice To — — No. Copies Requested —
Co. Name Address

Mail Charts To — — No. Copies Requested —
Address

Formation Test No. 4 Interval Tested from 4590 ft. to 4601 ft. Total Depth 4601 ft.

Packer Depth 4585 ft.	Size 6 5/8 in.	Packer Depth — ft.	Size — in.
Packer Depth 4590 ft.	Size 6 5/8 in.	Packer Depth — ft.	Size — in.
Depth of Selective Zone Set			

Top Recorder Depth (Inside)	4593 ft.	Recorder Number 1566	Cap. 4300
Bottom Recorder Depth (Outside)	4597 ft.	Recorder Number 3086	Cap. 4500
Below Straddle Recorder Depth	— ft.	Recorder Number —	Cap. —

Drilling Contractor Landmark Rig #1		Drill Collar Length 309'	I. D. 2.2 in.
Mud Type Starch	Viscosity 63	Weight Pipe Length —	I. D. — in.
Weight 9.8	Water Loss 8.0 cc.	Drill Pipe Length 4265'	I. D. 3.8 in.
Chlorides 65,000 P.P.M.		Test Tool Length 16' ft.	Tool Size 5 1/2 in.
Jars: Make —	Serial Number —	Anchor Length 11' ft.	Size 5 1/2 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 4 1/2 X in.

Blow: Very wk Building to 1/2 inch then depleting - I.F.P.
Very wk F.F.P. Flushed Tool -

Recovered 110' ft. of Wtry O.I.g mud w/ a few specks of O.I -
Recovered ft. of
Recovered ft. of 60% mud 40 wtr. w/ 62,000 chlorides -
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks:

Time On Location	8:30 A.M. P.M.	Time Pick Up Tool	10:45 A.M. P.M.	Time Off Location	6:00 A.M. P.M.
Time Set Packer(s)	12:30 A.M. P.M.	Time Started Off Bottom	2:30 A.M. P.M.	Maximum Temperature	124°

Initial Hydrostatic Pressure		(A)	2515 P.S.I.			
Initial Flow Period	Minutes 30	(B)	43 P.S.I.	to (C)	64 P.S.I.	
Initial Closed In Period	Minutes 30	(D)	1389 P.S.I.			
Final Flow Period	Minutes 30	(E)	86 P.S.I.	to (F)	75 P.S.I.	
Final Closed In Period	Minutes 30	(G)	1355 P.S.I.			
Final Hydrostatic Pressure		(H)	2482 P.S.I.			

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By John C Carnes John C Carnes
Signature of Customer or his authorized representative

Western Representative Mike Rogers Thank You!

FIELD INVOICE

Open Hole Test	$ 700.00
Misrun	$ —
Straddle Test	$ —
Jars	$ —
Selective Zone	$ —
Safety Joint	$ —
Standby	$ —
Evaluation	$ —
Extra Packer	$ —
Circ. Sub.	$ —
Mileage	$ 80.00
Fluid Sampler	$ —
Extra Charts	$ —
Insurance	$ 70.00
TOTAL	$ 850.00

WESTERN TESTING CO., INC.
Pressure Data

Date 1-31-82 Test Ticket No. 15180

Recorder No. 1566 Capacity 4300 Location 4593 Ft

Clock No. — — — — Elevation 1963 KB Well Temperature 124 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2450	P.S.I.	Open Tool	12:30 PM	
B	First Initial Flow Pressure	26	P.S.I.	First Flow Pressure	30 Mins.	30 Mins
C	First Final Flow Pressure	37	P.S.I.	Initial Closed-in Pressure	30 Mins.	36 Mins
D	Initial Closed-in Pressure	1400	P.S.I.	Second Flow Pressure	30 Mins.	30 Mins
E	Second Initial Flow Pressure	65	P.S.I.	Final Closed-in Pressure	30 Mins.	33 Mins
F	Second Final Flow Pressure	65	P.S.I.			
G	Final Closed-in Pressure	1371	P.S.I.			
H	Final Hydrostatic Mud	2430	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	26
P 2	5	26
P 3	10	28
P 4	15	29
P 5	20	31
P 6	25	34
P 7	30	37
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 12 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	37
3	42
6	57
9	98
12	216
15	487
18	838
21	1084
24	1245
27	1331
30	1371
33	1395
36	1400
39	
42	
45	
48	
51	
54	
57	
60	

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

Point Minutes	Press.
0	65
5	65
10	65
15	65
20	Flushed Tool 70
25	67
30	65
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	

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

Point Minutes	Press.
0	65
3	84
6	150
9	387
12	755
15	1000
18	1165
21	1261
24	1315
27	1344
30	1365
33	1371
36	
39	
42	
45	
48	
51	
54	
57	
60	