Company Eagle Explorations, Inc. Lease & Well No. Eagle Packard #3

Elevation 1652 Kelly Bushing Formation Indian Cave Effective Pay -- Ft. Ticket No. 12007

Date 6/28/81 Sec. 14 Twp. 31S Range 13W County Barber State Kansas

Test Approved by Douglas H. McGinness Western Representative Mike Rogers

Formation Test No. 1 Interval Tested from 2642 ft. to 2666 ft. Total Depth 2666 ft.

Packer Depth 2637 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 2642 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2645 ft. Recorder Number 3086 Cap. 4300

Bottom Recorder Depth (Outside) 2649 ft. Recorder Number 13271 Cap. 4400

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

Drilling Contractor Sarcee Drlg. Rig #5 Drill Collar Length 240 I. D. 2.2 in.

Mud Type starch Viscosity 30 Weight Pipe Length - I. D. - in.

Weight 9.5 Water Loss N/C cc. Drill Pipe Length - I. D. 3.2 in.

Chlorides 70,000 P.P.M. Test Tool Length 29 ft. Tool Size 5½ in.

Jars: Make WTC Serial Number 3660 Anchor Length 24 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 4½ in.

Blow: Strong throuhgout test. GAs to surface ten minutes into final flow period . See attached sheet for gas measurements.

Recovered 90 ft. of drilling mud

Recovered 60 ft. of gassy slightly watery drilling mud

Recovered 110 ft. of gassy muddy salt water with 50,000 chlorides ppm

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 9:00 ~~A.M.~~ ~~P.M.~~ Time Started Off Bottom 1:00 ~~A.M.~~ ~~P.M.~~ Maximum Temperature 102°

Initial Hydrostatic Pressure			(A)	1307	P.S.I.	
Initial Flow Period	Minutes 30		(B)	43	P.S.I. to (C)	57 P.S.I.
Initial Closed In Period	Minutes 66		(D)	1052	P.S.I.	
Final Flow Period	Minutes 60		(E)	83	P.S.I. to (F)	90 P.S.I.
Final Closed In Period	Minutes 99		(G)	1052	P.S.I.	
Final Hydrostatic Pressure			(H)	1307	P.S.I.	

TKT # 1207

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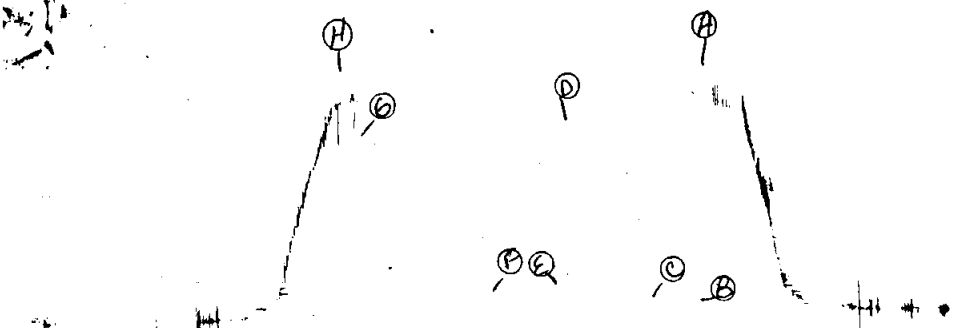

GAS FLOW REPORT

Date 6/28/81 Ticket 12007 Company Eagle Explorations, Inc.

Well Name and No. Eagle Packard #3 Dst No. 1 Interval Tested 2642'-2666'

County Barber State Kansas Sec. 14 Twp. 31S Rg. 13W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						
SECOND FLOW						
	Gas to	surface ten	minutes	on final	flow period.	
	10 min.	6.0 PSIG	1/2" orifice			86,300 CFPD
	15 min.	3.0 PSIG	1/2" orifice			59,200 CFPD
	20 min.	2.0 PSIG	1/4" orifice			12,700 CFPD
	30 min.	2.5 PSIG	1/4" orifice			14,300 CFPD
	40 min.	4.0 PSIG	1/4" orifice			18,500 CFPD
	50 min.	4.5 PSIG	1/4" orifice			19,500 CFPD
	60 min.	6.0 PSIG	1/4" orifice			22,900 CFPD

GAS BOTTLE

Serial No. 47 Date Bottle Filled 6/28/81 Date to be Invoiced 6/28/81

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 Eagle Explorations, Inc.

Authorized by Douglas H. McGinness

FORM WTC 6

WESTERN TESTING CO., INC.

Pressure Data

Date 6/26/81 Test Ticket No. 12007

Recorder No. 3086 Capacity 4300 Location 2645 Ft.

Clock No. --- Elevation 1652 Kelly Bushing Well Temperature 102 °F

Point		Pressure	
A	Initial Hydrostatic Mud	1307	P.S.I.
B	First Initial Flow Pressure	43	P.S.I.
C	First Final Flow Pressure	57	P.S.I.
D	Initial Closed-in Pressure	1052	P.S.I.
E	Second Initial Flow Pressure	83	P.S.I.
F	Second Final Flow Pressure	90	P.S.I.
G	Final Closed-in Pressure	1052	P.S.I.
H	Final Hydrostatic Mud	1307	P.S.I.

	Time Given	Time Computed
Open Tool	9:00A M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	60 Mins.	66 Mins.
Second Flow Pressure	60 Mins.	60 Mins.
Final Closed-in Pressure	90 Mins.	99 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	43
P 2 5	43
P 3 10	43
P 4 15	43
P 5 20	48
P 6 25	53
P 7 30	57
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

Point Minutes	Press.
0	57
3	118
6	297
9	474
12	630
15	734
18	814
21	874
24	923
27	962
30	994
33	1017
36	1030
39	1038
42	1044
45	1047
48	1048
51	1049
54	1050
57	1051
60	1052
63	1052
66	1052

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

Point Minutes	Press.
0	83
5	83
10	83
15	83
20	83
25	83
30	83
35	83
40	83
45	83
50	83
55	88
60	90

Final Shut-In
Breakdown: 33 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	90
3	450
6	727
9	881
12	960
15	1002
18	1021
21	1032
24	1038
27	1041
30	1043
33	1044
36	1045
39	1046
42	1046
45	1046
48	1047
51	1047
54	1048
57	1048
60	1048

continued next page

WESTERN TESTING CO., INC.

Pressure Data

Date 6/26/81 Test Ticket No. 12007

Recorder No. 3086 Capacity 4300 Location 2645 Ft.

Clock No. --- Elevation 1652 Kelly Bushing Well Temperature 102 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	1307 P.S.I.	Open Tool	9:00A M	
B	First Initial Flow Pressure	43 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	57 P.S.I.	Initial Closed-in Pressure	60 Mins.	66 Mins.
D	Initial Closed-in Pressure	1052 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	83 P.S.I.	Final Closed-in Pressure	90 Mins.	99 Mins.
F	Second Final Flow Pressure	90 P.S.I.			
G	Final Closed-in Pressure	1052 P.S.I.			
H	Final Hydrostatic Mud	1307 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: 22 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: 33 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	1048
P 2						66	1048
P 3						69	1048
P 4						72	1048
P 5						75	1048
P 6						78	1048
P 7						81	1049
P 8						84	1049
P 9						87	1049
P10						90	1049
P11						93	1050
P12						96	1051
P13						99	1052
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Company Eagle Explorations, Inc. Lease & Well No. Eagle Packard #3

Elevation 1652 Kelly Bushing Formation Douglas Effective Pay - Ft. Ticket No. 12008

Date 6/30/81 Sec. 14 Twp. 31S Range 13W County Barber State Kansas

Test Approved by Douglas H McGinness II Western Representative Mike Rogers

Formation Test No. 2 Interval Tested from 3630 ft. to 3642 ft. Total Depth 3642 ft.

Packer Depth 3625 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 3630 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3634 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 3637 ft. Recorder Number 3086 Cap. 4400

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

Drilling Contractor Sarcee Rig #5 Drill Collar Length 240 I. D. 2.2 in.

Mud Type Starch Viscosity 33 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss N/C cc. Drill Pipe Length 3411 I. D. 3.2 in.

Chlorides 32,000 P.P.M. Test Tool Length 29 ft. Tool Size 5½ in.

Jars: Make WTC Serial Number 3660 Anchor Length 12 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 4½ in.

Blow: Strong throughout test. Gas to surface on final shut-in. Too small to guage.

Recovered 120 ft. of slightly gas cut & oil spotted drilling mud

Recovered 120 ft. of slightly gas cut & oil spotted watery drilling mud

Recovered 360 ft. of slightly gas cut & oil spotted salt water

Recovered 180 ft. of clean salt water

Recovered ft. of Chlorides 100,000 PPM

Remarks:

Time Set Packer(s) 9:00 ~~A.M.~~ P.M. Time Started Off Bottom 1:00 ~~A.M.~~ ~~P.M.~~ Maximum Temperature 138

Initial Hydrostatic Pressure			(A)	1809	P.S.I.	
Initial Flow Period	Minutes	35	(B)	69	P.S.I. to (C)	155 P.S.I.
Initial Closed In Period	Minutes	63	(D)	1235	P.S.I.	
Final Flow Period	Minutes	60	(E)	207	P.S.I. to (F)	292 P.S.I.
Final Closed In Period	Minutes	96	(G)	1224	P.S.I.	
Final Hydrostatic Pressure			(H)	1809	P.S.I.	

IKt # 12008

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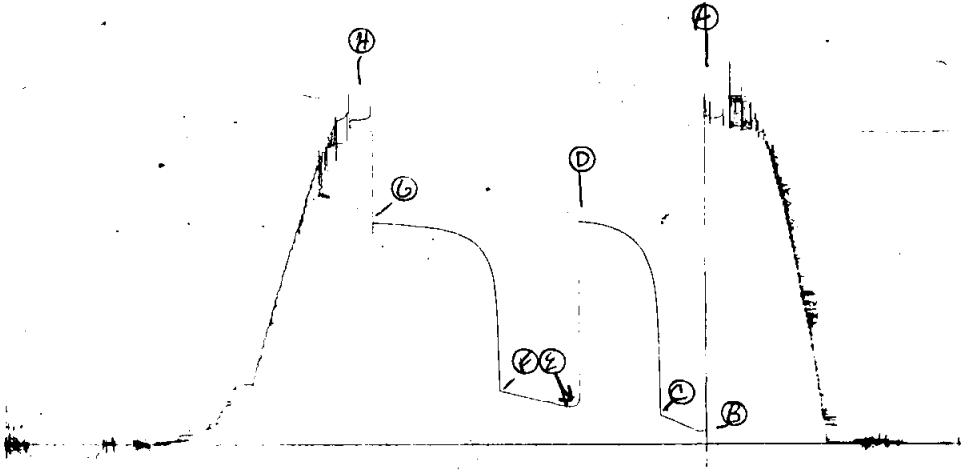

WESTERN TESTING CO., INC.
Pressure Data

Date 6/30/81 Test Ticket No. 12008

Recorder No. 1566 Capacity 4300 Location 3634 Ft.

Clock No. - Elevation 1652 Kelly Bushing Well Temperature 138 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1809 P.S.I.	Open Tool	9:00P M	
B First Initial Flow Pressure	69 P.S.I.	First Flow Pressure	30 Mins.	35 Mins.
C First Final Flow Pressure	155 P.S.I.	Initial Closed-in Pressure	60 Mins.	63 Mins.
D Initial Closed-in Pressure	1235 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	207 P.S.I.	Final Closed-in Pressure	90 Mins.	96 Mins.
F Second Final Flow Pressure	292 P.S.I.			
G Final Closed-in Pressure	1224 P.S.I.			
H Final Hydrostatic Mud	1809 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 7 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	69
P 2 5	69
P 3 10	84
P 4 15	99
P 5 20	117
P 6 25	134
P 7 30	149
P 8 35	155
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	155
3	646
6	873
9	963
12	1019
15	1071
18	1098
21	1122
24	1143
27	1161
30	1175
33	1184
36	1195
39	1203
42	1210
45	1216
48	1222
51	1225
54	1228
57	1230
60	1232
63	1235

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

Point Minutes	Press.
0	207
5	207
10	209
15	214
20	227
25	233
30	240
35	248
40	257
45	266
50	276
55	283
60	292

Final Shut-In
Breakdown: 32 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	292
3	746
6	923
9	991
12	1032
15	1071
18	1096
21	1118
24	1135
27	1146
30	1154
33	1165
36	1173
39	1179
42	1184
45	1190
48	1195
51	1198
54	1201
57	1203
60	1204

CONT'D NEXT PAGE

WESTERN TESTING CO., INC.

Pressure Data

Date 6/30/81 Test Ticket No. 12008

Recorder No. 1566 Capacity 4300 Location 3634 Ft.

Clock No. - Elevation 1652 Kelly Bushing Well Temperature 138 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1809 P.S.I.	Open Tool	9:00P M	
B First Initial Flow Pressure	69 P.S.I.	First Flow Pressure	30 Mins.	35 Mins.
C First Final Flow Pressure	155 P.S.I.	Initial Closed-in Pressure	60 Mins.	63 Mins.
D Initial Closed-in Pressure	1235 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	207 P.S.I.	Final Closed-in Pressure	90 Mins.	96 Mins.
F Second Final Flow Pressure	292 P.S.I.			
G Final Closed-in Pressure	1224 P.S.I.			
H Final Hydrostatic Mud	1809 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 7 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 21 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: 32 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	1205
P 2						66	1206
P 3						69	1208
P 4						72	1212
P 5						75	1216
P 6						78	1218
P 7						81	1220
P 8						84	1222
P 9						87	1223
P10						90	1224
P11						93	1224
P12						96	1224
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

OK

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET № 12009

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

Elevation 1652 KB Formation Douglas Eff. Pay ___ Ft.

District Pratt Date 7-1-81 Customer Order No. ___

COMPANY NAME Eagle Explorations, Inc. Bitting Bldg

ADDRESS 107 N. Market Suite 300 Wichita, Ks.

LEASE AND WELL NO. Packard #3 COUNTY Barber STATE Ks. Sec. 14 Twp. 31S Rge. 13 W

Mail Invoice To Same No. Copies Requested 5
Co. Name Address

Mail Charts To Same No. Copies Requested 5
Address

Formation Test No. 3 Interval Tested from 3680 ft. to 3692 ft. Total Depth 3692 ft.

Packer Depth 3675 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Packer Depth 3680 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 3683 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 3687 ft. Recorder Number 3086 Cap. 4400

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

Drilling Contractor Sacrr #5 Drill Collar Length 210 I. D. 2.2 in.

Mud Type Starch Viscosity 37 Weight Pipe Length — I. D. — in.

Weight 9.4 Water Loss 20.0 cc. Drill Pipe Length 3441 I. D. 3.2 in.

Chlorides 44,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 3660 Anchor Length 12 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 in.

Blow: Fair Building to STRONG on Initial flow period STRONG F.F.P. on final flow period

Recovered 90 ft. of Drlg. mud -

Recovered ___ ft. of ___

Recovered ___ ft. of ___

Recovered ___ ft. of ___

Recovered ___ ft. of ___

Remarks: ___

Time On Location 1:45 A.M./P.M. Time Pick Up Tool 3:30 A.M./P.M. Time Off Location 12:30 (A.M.)/P.M.

Time Set Packer(s) 5:30 A.M./P.M. Time Started Off Bottom 9:30 A.M./P.M. Maximum Temperature 118°

Initial Hydrostatic Pressure .... (A) 1939 P.S.I.

Initial Flow Period .... Minutes 30 (B) 43 P.S.I. to (C) 54 P.S.I.

Initial Closed In Period .... Minutes 60 (D) 754 P.S.I.

Final Flow Period .... Minutes 60 (E) 64 P.S.I. to (F) 64 P.S.I.

Final Closed In Period .... Minutes 90 (G) 894 P.S.I.

Final Hydrostatic Pressure .... (H) 1798 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 [signature] Hugh H. McGinnis II
Signature of Customer or his authorized representative

Western Representative Mike Rogers Thank You!

FIELD INVOICE

Open Hole Test	$ 625.00
Misrun	$
Straddle Test	$
Jars	$ 300.00
Selective Zone	$
Safety Joint	$ 65.00
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage 40	$ 30.00
Fluid Sampler	$
3 Extra Chart @ 10.00	$ 30.00
Insurance	$
TOTAL	$ 1050.00

WESTERN TESTING CO., INC.

Pressure Data

Date 7-1 | Test Ticket No. 12009

Recorder No. 1566 | Capacity 4300 | Location 3683 Ft.

Clock No. ——— | Elevation 1652 KB | Well Temperature 118 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1939	P.S.I.	Open Tool	5:30 M	
B	First Initial Flow Pressure	39	P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	39	P.S.I.	Initial Closed-in Pressure	60 Mins.	63 Mins.
D	Initial Closed-in Pressure	761	P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	62	P.S.I.	Final Closed-in Pressure	90 Mins.	93 Mins.
F	Second Final Flow Pressure	62	P.S.I.			
G	Final Closed-in Pressure	902	P.S.I.			
H	Final Hydrostatic Mud	1798	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	39
P 2 5	
P 3 10	
P 4 15	
P 5 20	
P 6 25	
P 7 30	39
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	39
3	48
6	54
9	67
12	89
15	110
18	136
21	162
24	192
27	225
30	259
33	297
36	339
39	389
42	437
45	489
48	541
51	594
54	643
57	695
60	742
63	761

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

Point Minutes	Press.
0	62
5	
10	
15	
20	
25	
30	
35	
40	
45	
50	
55	
60	62
65	
70	
75	
80	
85	
90	

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

Point Minutes	Press.
0	62
3	62
6	67
9	80
12	86
15	97
18	112
21	132
24	156
27	177
30	201
33	225
36	257
39	287
42	324
45	365
48	405
51	454
54	493
57	541
60	579

WTC - 4

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 12009

Recorder No. _____ Capacity _____ Location _____ Ft

Clock No. _____ Elevation _____ Well Temperature _____ °I

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	P.S.I.	Open Tool	M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final Hydrostatic Mud	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: ____ Inc.	Breakdown: ____ Inc.	Breakdown: ____ Inc.	Breakdown: ____ Inc.
of 5 mins. and a	of 3 mins. and a	of 5 mins. and a	of 3 mins. and a
final inc. of 0 Min.	final inc. of 0 Min.	final inc. of 0 Min.	final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1		63				63	618
P 2		66				66	654
P 3		69				69	688
P 4		72				72	723
P 5		75				75	751
P 6		78				78	781
P 7		81				81	809
P 8		84				84	834
P 9		87				87	856
P10		90				90	880
P11		93				93	902
P12		96				96	
P13		99				99	
P14		102				102	
P15		105				105	
P16		108				108	
P17		111				111	
P18		114				114	
P19		117				117	
P20		120				120	

TKt #12009

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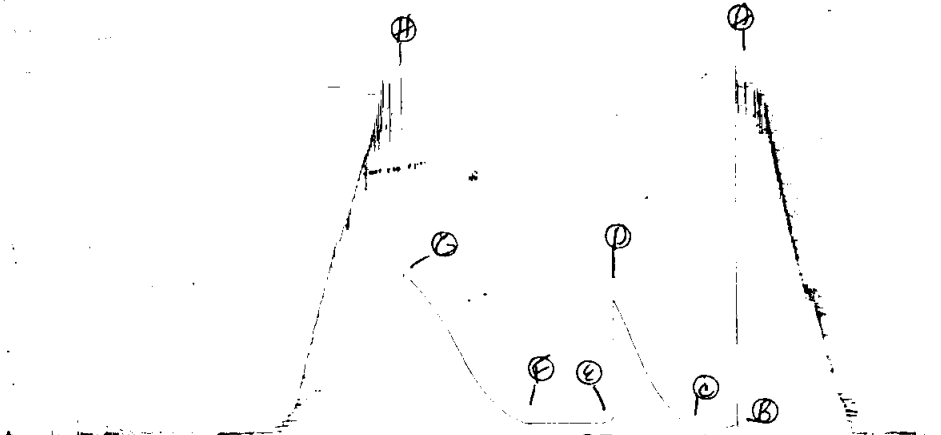

Company Eagle Explorations, Inc. Lease & Well No. Eagle Packard #3

Elevation 1652 Kelly Bushing Formation Douglas Effective Pay - Ft. Ticket No. 12009

Date 7/1/81 Sec. 14 Twp. 31S Range 13W County Barber State Kansas

Test Approved by Douglas H McGinness II Western Representative Mike Rogers

Formation Test No. 3 Interval Tested from 3680 ft. to 3692 ft. Total Depth 3692 ft.

Packer Depth 3675 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 3680 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3683 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 3687 ft. Recorder Number 3086 Cap. 4400

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

Drilling Contractor Sarcee Rig #5 Drill Collar Length 210 I. D. 2.2 in.

Mud Type Starch Viscosity 37 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 20.0 cc. Drill Pipe Length 3441 I. D. 3.2 in.

Chlorides 44,000 P.P.M. Test Tool Length 29 ft. Tool Size 5½ in.

Jars: Make WTC Serial Number 3660 Anchor Length 12 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 4½ in.

Blow: Fair building to strong on initial flow period. Strong on final flow period.

Recovered 90 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 5:30 A.M. P.M. Time Started Off Bottom 9:30 A.M. P.M. Maximum Temperature 118

Initial Hydrostatic Pressure (A) 1939 P.S.I.

Initial Flow Period Minutes 30 (B) 39 P.S.I. to (C) 39 P.S.I.

Initial Closed In Period Minutes 63 (D) 761 P.S.I.

Final Flow Period Minutes 60 (E) 62 P.S.I. to (F) 62 P.S.I.

Final Closed In Period Minutes 93 (G) 902 P.S.I.

Final Hydrostatic Pressure (H) 1798 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 7/1/81 Test Ticket No. 12009

Recorder No. 1566 Capacity 4300 Location 3683 Ft.

Clock No. - Elevation 1652 Kelly Bushing Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1939 P.S.I.	Open Tool	5:30 M	
B First Initial Flow Pressure	39 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	39 P.S.I.	Initial Closed-in Pressure	60 Mins.	63 Mins.
D Initial Closed-in Pressure	761 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	62 P.S.I.	Final Closed-in Pressure	90 Mins.	93 Mins.
F Second Final Flow Pressure	62 P.S.I.			
G Final Closed-in Pressure	902 P.S.I.			
H Final Hydrostatic Mud	1798 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	39
P 2	5	39
P 3	10	39
P 4	15	39
P 5	20	39
P 6	25	39
P 7	30	39
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	39
	3	48
	6	54
	9	67
	12	89
	15	110
	18	136
	21	162
	24	192
	27	225
	30	259
	33	297
	36	339
	39	389
	42	437
	45	489
	48	541
	51	594
	54	643
	57	695
	60	742
	63	761

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

Point	Minutes	Press.
	0	62
	5	62
	10	62
	15	62
	20	62
	25	62
	30	62
	35	62
	40	62
	45	62
	50	62
	55	62
	60	62

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

Point	Minutes	Press.
	0	62
	3	62
	6	67
	9	80
	12	86
	15	97
	18	112
	21	132
	24	156
	27	177
	30	201
	33	225
	36	257
	39	287
	42	324
	45	365
	48	405
	51	454
	54	493
	57	541
	60	579

CONT'D NEXT PAGE

WESTERN TESTING CO., INC.
Pressure Data

Date 7/1/81 Test Ticket No. 12009

Recorder No. 1566 Capacity 4300 Location 3683 Ft.

Clock No. - Elevation 1652 Kelly Bushing Well Temperature 118 °F

Point		Pressure		Time Given		Time Computed	
A	Initial Hydrostatic Mud	1939 P.S.I.	Open Tool	5:30	M		
B	First Initial Flow Pressure	39 P.S.I.	First Flow Pressure	30	Mins.	30	Mins.
C	First Final Flow Pressure	39 P.S.I.	Initial Closed-in Pressure	60	Mins.	63	Mins.
D	Initial Closed-in Pressure	761 P.S.I.	Second Flow Pressure	60	Mins.	60	Mins.
E	Second Initial Flow Pressure	62 P.S.I.	Final Closed-in Pressure	90	Mins.	93	Mins.
F	Second Final Flow Pressure	62 P.S.I.					
G	Final Closed-in Pressure	902 P.S.I.					
H	Final Hydrostatic Mud	1798 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: 21 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	618
P 2						66	654
P 3						69	688
P 4						72	723
P 5						75	751
P 6						78	781
P 7						81	809
P 8						84	834
P 9						87	856
P10						90	880
P11						93	902
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 12010

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

Elevation 1652 KB Formation Lansing - Eff. Pay Ft.

District Pratt Date 10-2-81 Customer Order No.

COMPANY NAME Eagle Explorations, Inc. Billing

ADDRESS 107 N. Market Suite 300 Wichita, Ks. 67202

LEASE AND WELL NO. #3 Packard COUNTY Barber STATE Ks. Sec. 14 Twp. 31S Rge. 13W

Mail Invoice To Eagle Explorations #3 (Co. Name) Same (Address) No. Copies Requested 5

Mail Charts To Same (Address) No. Copies Requested 5

Formation Test No. 4 Interval Tested from 3969 ft. to 3982 ft. Total Depth 3982 ft.

Packer Depth 3957 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Packer Depth 3962 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3965 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 3969 ft. Recorder Number 3086 Cap. 4400

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

Drilling Contractor Sarcee Rig 5 Drill Collar Length 210 I. D. 2.2 in.

Mud Type Starch Viscosity 40 Weight Pipe Length — I. D. — in.

Weight 8.9 Water Loss 12.8 cc. Drill Pipe Length 3730 I. D. 3.2 in.

Chlorides 34,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 3660 Anchor Length 13 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 in.

Blow: WK Building to (2 1/2 inch) I.F.P. - Building to (4 inch) F.F.P. No gas to Surface -

Recovered 180 ft. of gascut & Oil Spotted Drlg. mud

Recovered 60 ft. of gascut & Oil Spotted Watery Drlg. mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time On Location	9:00 A.M. (P.M.)	Time Pick Up Tool	9:15 (A.M.) P.M.	Time Off Location	7:00 (A.M.) P.M.
Time Set Packer(s)	11:00 (A.M.) P.M.	Time Started Off Bottom	3:00 (A.M.) P.M.	Maximum Temperature	128°

Initial Hydrostatic Pressure			(A) 1971	P.S.I.		
Initial Flow Period	Minutes 30	(B) 75	P.S.I.	to (C) 75	P.S.I.	
Initial Closed In Period	Minutes 60	(D) 1334	P.S.I.			
Final Flow Period	Minutes 60	(E) 140	P.S.I.	to (F) 162	P.S.I.	
Final Closed In Period	Minutes 90	(G) 1323	P.S.I.			
Final Hydrostatic Pressure			(H) 1971	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 [signature] II
Signature of Customer or his authorized representative

Western Representative Mike Rogers

FIELD INVOICE

Open Hole Test	$ 625.00
Misrun	$
Straddle Test	$
Jars	$ 300.00
Selective Zone	$
Safety Joint	$ 65.00
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage 40	$ 30.00
Fluid Sampler	$
3 Extra Charts @ 10.00	$ 30.00
Insurance	$ —
TOTAL	$ 1050.00

WESTERN TESTING CO., INC.
Pressure Data

Date 7-2 | Test Ticket No. 12010

Recorder No. 1566 | Capacity 4300 | Location 3965 Ft.

Clock No. — | Elevation 1652 KB | Well Temperature 128 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	1971 P.S.I.	Open Tool	11:00 PM	
B	First Initial Flow Pressure	59 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	70 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	1334 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	135 P.S.I.	Final Closed-in Pressure	90 Mins.	102 Mins.
F	Second Final Flow Pressure	135 P.S.I.			
G	Final Closed-in Pressure	1319 P.S.I.			
H	Final Hydrostatic Mud	1971 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	59
P 2	5	63
P 3	10	65
P 4	15	67
P 5	20	69
P 6	25	70
P 7	30	70
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: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	70
3	76
6	93
9	117
12	153
15	201
18	261
21	348
24	457
27	590
30	748
33	903
36	1024
39	1109
42	1180
45	1223
48	1257
51	1287
54	1311
57	1330
60	1334

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

Point Minutes	Press.
0	135
5	
10	
15	
20	
25	
30	
35	
40	
45	
50	
55	
60	135
65	
70	
75	
80	
85	
90	

Final Shut-In
Breakdown: 34 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	135
3	135
6	143
9	149
12	156
15	162
18	175
21	194
24	214
27	238
30	266
33	305
36	344
39	385
42	433
45	483
48	556
51	626
54	703
57	800
60	873

Cont'd

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 12010

Recorder No. _____ Capacity _____ Location _____ Ft

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	P.S.I.	Open Tool	M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final Hydrostatic Mud	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: _____ Inc.	Breakdown: _____ Inc.	Breakdown: _____ Inc.	Breakdown: _____ Inc.
of 5 mins. and a	of 3 mins. and a	of 5 mins. and a	of 3 mins. and a
final inc. of 0 Min.	final inc. of 0 Min.	final inc. of 0 Min.	final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1		63				63	961
P 2		66				66	1026
P 3		69				69	1083
P 4		72				72	1126
P 5		75				75	1161
P 6		78				78	1190
P 7		81				81	1216
P 8		84				84	1238
P 9		87				87	1257
P10		90				90	1274
P11		93				93	1289
P12		96				96	1300
P13		99				99	1311
P14		102				102	1319
P15		105				105	
P16		108				108	
P17		111				111	
P18		114				114	
P19		117				117	
P20		120				120	

TKT #12010

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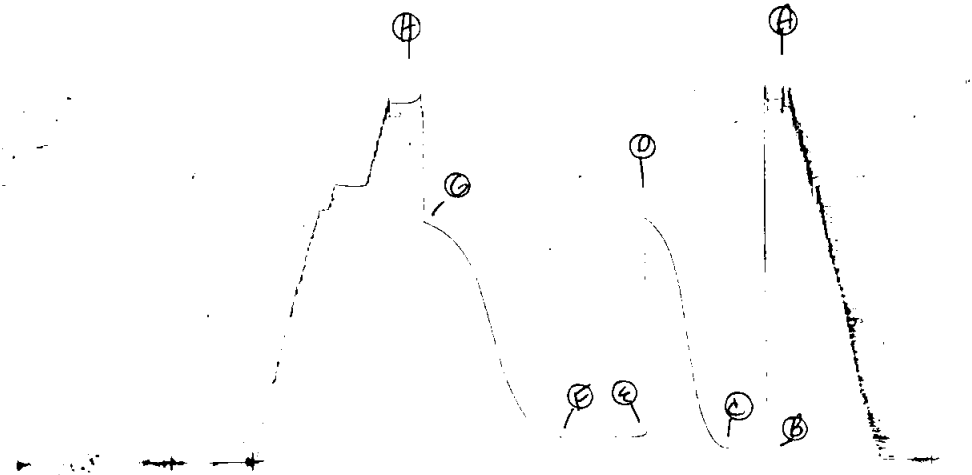

Company Eagle Explorations, Inc. Lease & Well No. Eagle Packard #3

Elevation 1652 Kelly Bushing Formation Lansing Effective Pay - Ft. Ticket No. 12010

Date 7/2/81 Sec. 14 Twp. 31S Range 13W County Barber State Kansas

Test Approved by Douglas H. McGinness II Western Representative Mike Rogers

Formation Test No. 4 Interval Tested from 3969 ft. to 3982 ft. Total Depth 3982 ft.

Packer Depth 3957 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 3962 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3965 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 3969 ft. Recorder Number 3086 Cap. 4400

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

Drilling Contractor Sarcee Drlg. Rig #5 Drill Collar Length 210 I. D. 2.2 in.

Mud Type starch Viscosity 40 Weight Pipe Length - I. D. - in.

Weight 8.9 Water Loss 12.8 cc. Drill Pipe Length 3730 I. D. 3.2 in.

Chlorides 34,000 P.P.M. Test Tool Length 29 ft. Tool Size 5½ in.

Jars: Make WTC Serial Number 3660 Anchor Length 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 4½ in.

Blow: Weak building to two and one half inches initial flow period. Building to four inches o
final flow period. No gas to surface.

Recovered 180 ft. of gas cut and oil spotted drilling mud

Recovered 60 ft. of gas cut and oil spotted watery drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 11:00 ~~A.M.~~ P.M. Time Started Off Bottom 3:00 A.M. ~~P.M.~~ Maximum Temperature 128°

Initial Hydrostatic Pressure			(A) 1971 P.S.I.			
Initial Flow Period	Minutes 30	(B) 59 P.S.I.	to (C) 70 P.S.I.			
Initial Closed In Period	Minutes 60	(D) 1334 P.S.I.				
Final Flow Period	Minutes 60	(E) 135 P.S.I.	to (F) 135 P.S.I.			
Final Closed In Period	Minutes 102	(G) 1319 P.S.I.				
Final Hydrostatic Pressure			(H) 1971 P.S.I.			

WESTERN TESTING CO., INC.
Pressure Data

Date 7/2/81 Test Ticket No. 12010

Recorder No. 1566 Capacity 4300 Location 3965 Ft.

Clock No. - Elevation 1652 Kelly Bushing Well Temperature 128 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1971 P.S.I.		Open Tool	11:00P M	
B	First Initial Flow Pressure	59 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	70 P.S.I.		Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	1334 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	135 P.S.I.		Final Closed-in Pressure	90 Mins.	102 Mins.
F	Second Final Flow Pressure	135 P.S.I.				
G	Final Closed-in Pressure	1319 P.S.I.				
H	Final Hydrostatic Mud	1971 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	59
P 2	5	63
P 3	10	65
P 4	15	67
P 5	20	69
P 6	25	70
P 7	30	70
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

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

Point	Minutes	Press.
	0	70
	3	76
	6	93
	9	117
	12	153
	15	201
	18	261
	21	348
	24	457
	27	590
	30	748
	33	903
	36	1024
	39	1109
	42	1180
	45	1223
	48	1257
	51	1287
	54	3111
	57	1330
	60	1334

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

Point	Minutes	Press.
	0	135
	5	135
	10	135
	15	135
	20	135
	25	135
	30	135
	35	135
	40	135
	45	135
	50	135
	55	135
	60	135

Final Shut-In
Breakdown: 34 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	135
	3	135
	6	143
	9	149
	12	156
	15	162
	18	175
	21	194
	24	214
	27	238
	30	266
	33	305
	36	344
	39	385
	42	433
	45	483
	48	556
	51	626
	54	703
	57	800
	60	873

continued next page

WESTERN TESTING CO., INC.
Pressure Data

Date 7/2/81 Test Ticket No. 12010

Recorder No. 1566 Capacity 4300 Location 3965 Ft.

Clock No. - Elevation 1652 Kelly Bushing Well Temperature 128 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1971 P.S.I.		Open Tool	11:00P M	
B	First Initial Flow Pressure	59 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	70 P.S.I.		Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	1334 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	135 P.S.I.		Final Closed-in Pressure	90 Mins.	102 Mins.
F	Second Final Flow Pressure	135 P.S.I.				
G	Final Closed-in Pressure	1319 P.S.I.				
H	Final Hydrostatic Mud	1971 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: 6 Inc.	Breakdown: 20 Inc.	Breakdown: 12 Inc.	Breakdown: 34 Inc.
of 5 mins. and a	of 3 mins. and a	of 5 mins. and a	of 3 mins. and a
final inc. of 0 Min.	final inc. of 0 Min.	final inc. of 0 Min.	final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	961
P 2						66	1026
P 3						69	1083
P 4						72	1126
P 5						75	1161
P 6						78	1190
P 7						81	1216
P 8						84	1238
P 9						87	1257
P10						90	1274
P11						93	1289
P12						96	1300
P13						99	1311
P14						102	1319
P15							
P16							
P17							
P18							
P19							
P20							

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

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET № 12011 OK

Elevation 1652 KB Formation Mis/Marm. Eff. Pay ___ Ft.

District Pratt Date 7-5-81 Customer Order No. ___

COMPANY NAME Eagle Explorations Inc.

ADDRESS 107 N. Market Suite 300 Wichita, Ks. 67202

LEASE AND WELL NO. #3 Packard COUNTY Barber STATE Ks. Sec. 14 Twp. 31S Rge. 13W

Mail Invoice To Eagle Packard #3 (Co. Name) Same (Address) No. Copies Requested 5

Mail Charts To ___ Same (Address) No. Copies Requested 5

Formation Test No. 5 Interval Tested from 4219 ft. to 4255 ft. Total Depth 4255 ft.

Packer Depth 4214 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Packer Depth 4219 ft. Size 6 5/8 in. Packer Depth ___ ft. Size ___ in.

Depth of Selective Zone Set ___

Top Recorder Depth (Inside) 4222 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4226 ft. Recorder Number 3086 Cap. 4400

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

Drilling Contractor Sarcee #5 Drill Collar Length 210 I. D. 2.2 in.

Mud Type Starch Viscosity 55 Weight Pipe Length — I. D. — in.

Weight 9.1 Water Loss 12.8 cc. Drill Pipe Length 3980 I. D. 3.2 in.

Chlorides 32,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 3660 Anchor Length 36 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 in.

Blow: Fair Building to STRONG I.F.P. STRONG F.F.P. No gas to Surface —

Recovered 210 ft. of Heavy gas cut Drlg mud w/ 2 (only) Specks of Oil

Recovered ___ ft. of ___

Recovered ___ ft. of ___

Recovered ___ ft. of ___

Recovered ___ ft. of ___

Remarks: ___

RECEIVED JUL 7 1980

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

Time Set Packer(s) 1:30 P.M. Time Started Off Bottom 5:30 P.M. Maximum Temperature 124°

Initial Hydrostatic Pressure .... (A) 2123 P.S.I.

Initial Flow Period .... Minutes 30 (B) 108 P.S.I. to (C) 108 P.S.I.

Initial Closed In Period .... Minutes 60 (D) 216 P.S.I.

Final Flow Period .... Minutes 60 (E) 108 P.S.I. to (F) 108 P.S.I.

Final Closed In Period .... Minutes 90 (G) 237 P.S.I.

Final Hydrostatic Pressure .... (H) 2101 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 [signature] Douglas H. McGinness II

Signature of Customer or his authorized representative

Western Representative Mike Rogers

FIELD INVOICE

Open Hole Test	$ 900.00
Misrun	$
Straddle Test	$
Jars	$ 100.00
Selective Zone	$
Safety Joint	$ 25.00
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage 40	$ 30.00
Fluid Sampler	$
3 Extra Charts @ 10.00	$ 30.00
Insurance	$ —
TOTAL	$ 1125.00

WESTERN TESTING CO., INC.
Pressure Data

Date 7-5 Test Ticket No. 12011

Recorder No. 1566 Capacity 4300 Location 4222 Ft.

Clock No. —— Elevation 1652 KB Well Temperature 124 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2135	P.S.I.
B	First Initial Flow Pressure	91	P.S.I.
C	First Final Flow Pressure	91	P.S.I.
D	Initial Closed-in Pressure	212	P.S.I.
E	Second Initial Flow Pressure	102	P.S.I.
F	Second Final Flow Pressure	102	P.S.I.
G	Final Closed-in Pressure	235	P.S.I.
H	Final Hydrostatic Mud	2101	P.S.I.

	Time Given	Time Computed
Open Tool	1:30 PM	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	60 Mins.	60 Mins.
Second Flow Pressure	60 Mins.	60 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	91
P 2	5	
P 3	10	
P 4	15	
P 5	20	
P 6	25	
P 7	30	91
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: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	91
3	92
6	97
9	106
12	112
15	116
18	121
21	127
24	136
27	143
30	149
33	158
36	164
39	170
42	177
45	184
48	192
51	197
54	203
57	207
60	212

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

Point Minutes	Press.
0	102
5	
10	
15	
20	
25	
30	
35	
40	
45	
50	
55	
60	102
65	
70	
75	
80	
85	
90	

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

Point Minutes	Press.
0	102
3	104
6	108
9	114
12	119
15	123
18	130
21	132
24	133
27	135
30	139
33	143
36	147
39	153
42	158
45	162
48	167
51	173
54	177
57	184
60	187

cont'd

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 12011

Recorder No. _____ Capacity _____ Location _____ Ft

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	P.S.I.	Open Tool	M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final Hydrostatic Mud	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: _____ Inc.	Breakdown: _____ Inc.	Breakdown: _____ Inc.	Breakdown: _____ Inc.
of 5 mins. and a	of 3 mins. and a	of 5 mins. and a	of 3 mins. and a
final inc. of 0 Min.	final inc. of 0 Min.	final inc. of 0 Min.	final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1		63				63	194
P 2		66				66	199
P 3		69				69	203
P 4		72				72	207
P 5		75				75	212
P 6		78				78	216
P 7		81				81	219
P 8		84				84	225
P 9		87				87	231
P10		90				90	235
P11		93				93	
P12		96				96	
P13		99				99	
P14		102				102	
P15		105				105	
P16		108				108	
P17		111				111	
P18		114				114	
P19		117				117	
P20		120				120	

Jkt. # 12011

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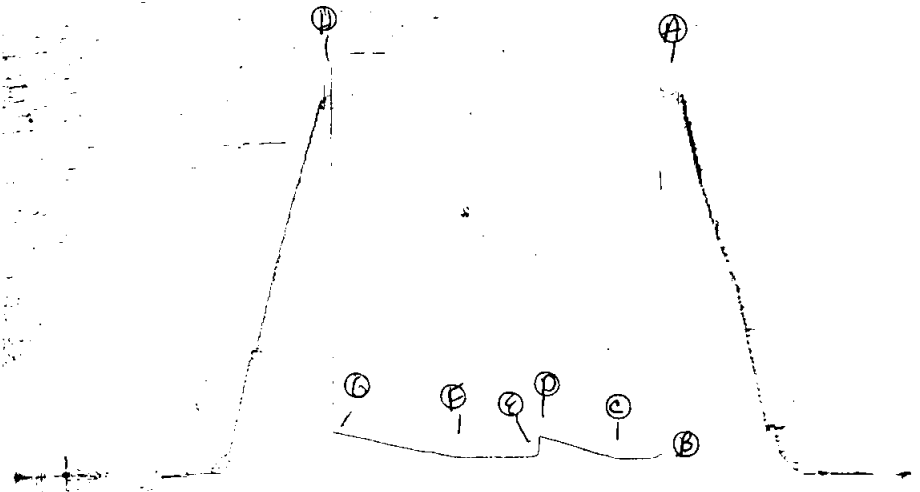

Company Eagle Explorations, Inc. Lease & Well No. Eagle Packard #3

Elevation 1652 Kelly Bushing Formation Mississippi Marmaton Effective Pay - Ft. Ticket No. 12011

Date 7/5/81 Sec. 14 Twp. 31S Range 13W County Barber State Kansas

Test Approved by Douglas H. McGinness II Western Representative Mike Rogers

Formation Test No. 5 Interval Tested from 4219 ft. to 4255 ft. Total Depth 4255 ft.

Packer Depth 4214 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4219 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4222 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4226 ft. Recorder Number 3086 Cap. 4400

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

Drilling Contractor Sarcee Drlg. Rig #5 Drill Collar Length 210 I. D. 2.2 in.

Mud Type starch Viscosity 55 Weight Pipe Length = I. D. - in.

Weight 9.1 Water Loss 12.8 cc. Drill Pipe Length 3980 I. D. 3.2 in.

Chlorides P.P.M. Test Tool Length 29 ft. Tool Size 5½ in.

Jars: Make WIC Serial Number 3660 Anchor Length 36 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 4½ in.

Blow: Fair building to strong on initial flow period. Strong on final flow period. No gas to surface.

Recovered 210 ft. of heavy gas cut drilling mud with two (only) specks of oil

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 1:30 ~~A.M.~~ P.M. Time Started Off Bottom 5:30 ~~A.M.~~ P.M. Maximum Temperature 124 °

Initial Hydrostatic Pressure			(A)	2135	P.S.I.	
Initial Flow Period	Minutes	30	(B)	91	P.S.I. to (C)	91 P.S.I.
Initial Closed In Period	Minutes	60	(D)	212	P.S.I.	
Final Flow Period	Minutes	60	(E)	102	P.S.I. to (F)	102 P.S.I.
Final Closed In Period	Minutes	90	(G)	235	P.S.I.	
Final Hydrostatic Pressure			(H)	2101	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 7/5/81 Test Ticket No. 12011

Recorder No. 1566 Capacity 4300 Location 4222 Ft.

Clock No. -- Elevation 1652 Kelly Bushing Well Temperature 124 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2135 P.S.I.		Open Tool	1:30P M	
B	First Initial Flow Pressure	91 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	91 P.S.I.		Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	212 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	102 P.S.I.		Final Closed-in Pressure	90 Mins.	90 Mins.
F	Second Final Flow Pressure	102 P.S.I.				
G	Final Closed-in Pressure	235 P.S.I.				
H	Final Hydrostatic Mud	2101 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	91
P 2 5	91
P 3 10	91
P 4 15	91
P 5 20	91
P 6 25	91
P 7 30	91
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

Point Minutes	Press.
0	91
3	92
6	97
9	106
12	112
15	116
18	121
21	127
24	136
27	143
30	149
33	158
36	164
39	170
42	177
45	184
48	192
51	197
54	203
57	207
60	212

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

Point Minutes	Press.
0	102
5	102
10	102
15	102
20	102
25	102
30	102
35	102
40	102
45	102
50	102
55	102
60	102

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

Point Minutes	Press.
0	102
3	104
6	108
9	114
12	119
15	123
18	130
21	132
24	133
27	135
30	139
33	143
36	147
39	153
42	158
45	162
48	167
51	173
54	177
57	184
60	187

WTC - 4

continued next page

WESTERN TESTING CO., INC.
Pressure Data

Date 7/5/81 Test Ticket No. 12011

Recorder No. 1566 Capacity 4300 Location 4222 Ft.

Clock No. -- Elevation 1652 Kelly Bushing Well Temperature 124 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2135 P.S.I.		Open Tool	1:30P M	
B	First Initial Flow Pressure	91 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	91 P.S.I.		Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	212 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	102 P.S.I.		Final Closed-in Pressure	90 Mins.	90 Mins.
F	Second Final Flow Pressure	102 P.S.I.				
G	Final Closed-in Pressure	235 P.S.I.				
H	Final Hydrostatic Mud	2101 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 6 Inc.		Breakdown: 20 Inc.		Breakdown: 12 Inc.		Breakdown: 30 Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	194
P 2						66	199
P 3						69	203
P 4						72	207
P 5						75	212
P 6						78	216
P 7						81	219
P 8						84	225
P 9						87	231
P10						90	235
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 12012 OK

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

Elevation 1652 KB Formation Miss Eff. Pay Ft.

District Pratt Date 7-6-81 Customer Order No.

COMPANY NAME Eagle Explorations Inc, Fitting Bldg. ADDRESS 107 N. Market Suite 300 Wichita, Ks. 67202

LEASE AND WELL NO. #3 Packard COUNTY Barber STATE Ks. Sec. 14 Twp. 31S Rge. 13W

Mail Invoice To Eagle Packard #3 Same No. Copies Requested 5 & 8
Co. Name Address

Mail Charts To Same No. Copies Requested 5
Address

Formation Test No. 6 Interval Tested from 4255 ft. to 4270 ft. Total Depth 4270 ft.

Packer Depth 4250 ft. Size 6 3/8 in. Packer Depth — ft. Size — in.

Packer Depth 4255 ft. Size 6 3/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4258 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4262 ft. Recorder Number 3086 Cap. 4500

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

Drilling Contractor Sarcee #5 Drill Collar Length 210 I. D. 2.2 in.

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

Weight 9.1 Water Loss 12.8 cc. Drill Pipe Length — I. D. 3.2 in.

Chlorides 45,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 3660 Anchor Length 15 ft. Size 5 1/2 in. 3/4

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 in.

Blow: Weak (1 inch) I.F.P. & F.F.P.

Recovered 30 ft. of Slightly gas cut Drlg. mud (25% water)

Recovered 60 ft. of " " " muddy Salt Water. - 72,000 PPM [CL]

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

RECEIVED JUL 9 - 1980

Time On Location 2:30 A.M./P.M. Time Pick Up Tool 5:00 A.M./P.M. Time Off Location 2:30 A.M./P.M.

Time Set Packer(s) 7:30 A.M./P.M. Time Started Off Bottom 11:30 A.M./P.M. Maximum Temperature 105°

Initial Hydrostatic Pressure		(A)	2156	P.S.I.		
Initial Flow Period	Minutes 30	(B)	75	P.S.I. to	(C) 86	P.S.I.
Initial Closed In Period	Minutes 60	(D)	594	P.S.I.		
Final Flow Period	Minutes 60	(E)	97	P.S.I. to	(F) 108	P.S.I.
Final Closed In Period	Minutes 90	(G)	690	P.S.I.		
Final Hydrostatic Pressure		(H)	2156	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 Charles N. McKinney
Signature of Customer or his authorized representative

Western Representative Mike Rogers Thanks Again!

FIELD INVOICE

Open Hole Test		$ 700.00
Misrun		$
Straddle Test		$
Jars		$ 300.00
Selective Zone		$
Safety Joint		$ 65.00
Standby		$
Evaluation		$
Extra Packer		$
Circ. Sub.		$
Mileage	40	$ 30.00
Fluid Sampler		$
Extra Charts	@10.00	$ 30.00
Insurance Test	3	
TOTAL		$ 1125.00

WESTERN TESTING CO., INC.
Pressure Data

Date 7-6-81 Test Ticket No. 12012

Recorder No. 1566 Capacity 4300 Location 4258 Ft.

Clock No. — Elevation 1652 KB Well Temperature 125 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2137	P.S.I.
B	First Initial Flow Pressure	57	P.S.I.
C	First Final Flow Pressure	57	P.S.I.
D	Initial Closed-in Pressure	598	P.S.I.
E	Second Initial Flow Pressure	76	P.S.I.
F	Second Final Flow Pressure	76	P.S.I.
G	Final Closed-in Pressure	665	P.S.I.
H	Final Hydrostatic Mud	2130	P.S.I.

	Time Given	Time Computed
Open Tool	7:30 AM	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	60 Mins.	60 Mins.
Second Flow Pressure	66 Mins.	60 Mins.
Final Closed-in Pressure	90 Mins.	93 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	57
P 2	5	
P 3	10	
P 4	15	
P 5	20	
P 6	25	
P 7	30	57
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: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	57
3	57
6	60
9	67
12	72
15	78
18	89
21	99
24	117
27	136
30	156
33	179
36	214
39	246
42	294
45	335
48	376
51	428
54	476
57	528
60	598

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

Point Minutes	Press.
0	76
5	
10	
15	
20	
25	
30	
35	
40	
45	
50	
55	
60	76
65	
70	
75	
80	
85	
90	

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

Point Minutes	Press.
0	76
3	76
6	79
9	82
12	89
15	95
18	102
21	110
24	119
27	130
30	140
33	156
36	171
39	188
42	207
45	229
48	248
51	274
54	298
57	326
60	352

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 12012

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	P.S.I.	Open Tool	M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final Hydrostatic Mud	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: ____ Inc.		Breakdown: ____ Inc.		Breakdown: ____ Inc.		Breakdown: ____ Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1		63				63	385
P 2		66				66	418
P 3		69				69	444
P 4		72				72	474
P 5		75				75	506
P 6		78				78	539
P 7		81				81	566
P 8		84				84	594
P 9		87				87	620
P10		90				90	648
P11		93				93	665
P12		96				96	
P13		99				99	
P14		102				102	
P15		105				105	
P16		108				108	
P17		111				111	
P18		114				114	
P19		117				117	
P20		120				120	

BK# 12012

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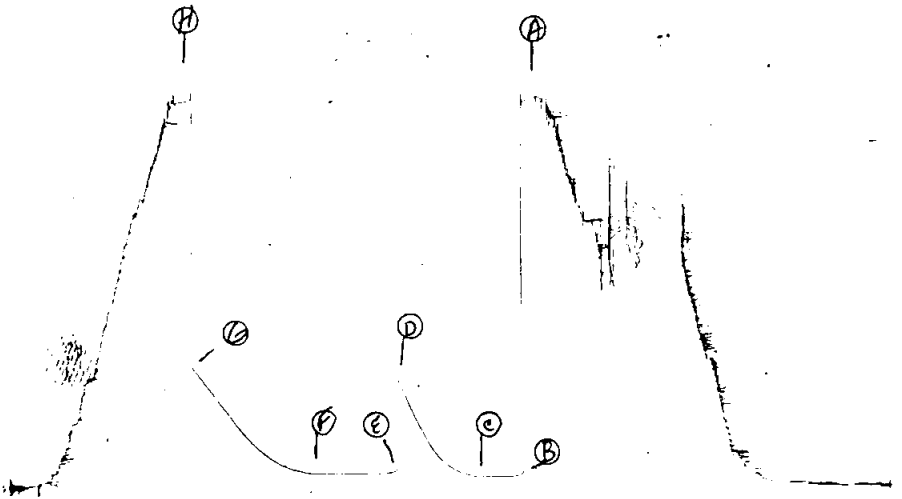

Company Eagle Explorations, Inc. Lease & Well No. Eagle Packard #3

Elevation 1652 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 12012

Date 7/6/81 Sec. 14 Twp. 31S Range 13W County Barber State Kansas

Test Approved by Douglas H. McGinness II Western Representative Mike Rogers

Formation Test No. 6 Interval Tested from 4255 ft. to 4270 ft. Total Depth 4270 ft.

Packer Depth 4250 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4255 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4258 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4262 ft. Recorder Number 3086 Cap. 4500

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

Drilling Contractor Sarcee Drlg. Rig #5 Drill Collar Length 210 I. D. 2.2 in.

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

Weight 9.1 Water Loss 12.8 cc. Drill Pipe Length I. D. 3.2 in.

Chlorides 45,000 P.P.M. Test Tool Length 29 ft. Tool Size 5½ in.

Jars: Make WTC Serial Number 3660 Anchor Length 15 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 4½ in.

Blow: Weak (one inch) on initial flow period and final flow period.

Recovered 30 ft. of slightly gas cut drilling mud (25% water)

Recovered 60 ft. of slightly gas cut muddy salt water

Recovered ft. of

Recovered ft. of 72,000 chlorides ppm

Recovered ft. of

Remarks:

Time Set Packer(s) 7:30 ~~P.M.~~ A.M. Time Started Off Bottom 11:30 P.M. Maximum Temperature 125°

Initial Hydrostatic Pressure			(A) 2137	P.S.I.		
Initial Flow Period	Minutes 30	(B) 57	P.S.I. to	(C) 57	P.S.I.	
Initial Closed In Period	Minutes 60	(D) 598	P.S.I.			
Final Flow Period	Minutes 60	(E) 76	P.S.I. to	(F) 76	P.S.I.	
Final Closed In Period	Minutes 93	(G) 665	P.S.I.			
Final Hydrostatic Pressure			(H) 2130	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 7/6/81 Test Ticket No. 12012

Recorder No. 1566 Capacity 4300 Location 4258 Ft.

Clock No. ---- Elevation 1652 Kelly Bushing Well Temperature 125 °F

Point		Pressure			Time Given		Time Computed	
A	Initial Hydrostatic Mud	2137	P.S.I.	Open Tool	~~7:30A~~	M		
B	First Initial Flow Pressure	57	P.S.I.	First Flow Pressure	30	Mins.	30	Mins.
C	First Final Flow Pressure	57	P.S.I.	Initial Closed-in Pressure	60	Mins.	60	Mins.
D	Initial Closed-in Pressure	598	P.S.I.	Second Flow Pressure	60	Mins.	60	Mins.
E	Second Initial Flow Pressure	76	P.S.I.	Final Closed-in Pressure	90	Mins.	93	Mins.
F	Second Final Flow Pressure	76	P.S.I.					
G	Final Closed-in Pressure	665	P.S.I.					
H	Final Hydrostatic Mud	2130	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	57
P 2 5	57
P 3 10	57
P 4 15	57
P 5 20	57
P 6 25	57
P 7 30	57
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

Point Minutes	Press.
0	57
3	57
6	60
9	67
12	72
15	78
18	89
21	99
24	117
27	136
30	156
33	179
36	214
39	246
42	294
45	335
48	376
51	428
54	476
57	528
60	598

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

Point Minutes	Press.
0	76
5	76
10	76
15	76
20	76
25	76
30	76
35	76
40	76
45	76
50	76
55	76
60	76

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

Point Minutes	Press.
0	76
3	76
6	79
9	82
12	89
15	95
18	102
21	110
24	119
27	130
30	140
33	156
36	171
39	188
42	207
45	229
48	248
51	274
54	298
57	326
60	352

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WESTERN TESTING CO., INC.
Pressure Data

Date 7/6/81 Test Ticket No. 12012

Recorder No. 1566 Capacity 4300 Location 4258 Ft.

Clock No. ---- Elevation 1652 Kelly Bushing Well Temperature 125 °F

Point		Pressure			Time Given		Time Computed	
A	Initial Hydrostatic Mud	2137	P.S.I.	Open Tool	~~7:30A~~	M		
B	First Initial Flow Pressure	57	P.S.I.	First Flow Pressure	30	Mins.	30	Mins.
C	First Final Flow Pressure	57	P.S.I.	Initial Closed-in Pressure	60	Mins.	60	Mins.
D	Initial Closed-in Pressure	598	P.S.I.	Second Flow Pressure	60	Mins.	60	Mins.
E	Second Initial Flow Pressure	76	P.S.I.	Final Closed-in Pressure	90	Mins.	93	Mins.
F	Second Final Flow Pressure	76	P.S.I.					
G	Final Closed-in Pressure	665	P.S.I.					
H	Final Hydrostatic Mud	2130	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: 20 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	385
P 2						66	418
P 3						69	444
P 4						72	474
P 5						75	506
P 6						78	539
P 7						81	566
P 8						84	594
P 9						87	620
P10						90	648
P11						93	665
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							