Company: Gear Petroleum Company | Lease & Well No.: Kinney Trust "B" #1-12

Elevation: 2114 Ground Level | Formation: Cherokee | Effective Pay: - Ft. | Ticket No.: 14733

Date: 3/3/82 | Sec.: 12 | Twp.: 28S | Range: 16W | County: Kiowa | State: Kansas

Test Approved by: Gary R Shaffer | Western Representative: Jim Wondra

Formation Test No.: 1 | Interval Tested from: 4596 ft. to: 4660 ft. | Total Depth: 4660 ft.

Packer Depth: 4591 ft. | Size: 6 3/4 in. | Packer Depth: - ft. | Size: - in.

Packer Depth: 4596 ft. | Size: 6 3/4 in. | Packer Depth: - ft. | Size: - in.

Depth of Selective Zone Set: -

Top Recorder Depth (Inside): 4617 ft. | Recorder Number: 2607 | Cap.: 4150

Bottom Recorder Depth (Outside): 4620 ft. | Recorder Number: 3351 | Cap.: 4000

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

Drilling Contractor: Red Tiger Rig #1 | Drill Collar Length: - | I. D.: - in.

Mud Type: Premix | Viscosity: 53 | Weight Pipe Length: 1019 | I. D.: 2.7 in.

Weight: 9.9 | Water Loss: 11.2 cc. | Drill Pipe Length: 3553 | I. D.: 3.8 in.

Chlorides: 25,000 P.P.M. | Test Tool Length: 24 ft. | Tool Size: 5½OD in.

Jars: Make: - | Serial Number: - | Anchor Length: 64 ft. | Size: 5½OD in.

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

Main Hole Size: 7 7/8 in. | Tool Joint Size: 4½FH in.

Blow: Weak blow throughout test

Recovered: 20 ft. of drilling mud

Recovered: ft. of

Recovered: ft. of

Recovered: ft. of

Recovered: ft. of

Remarks:

Time Set Packer(s): 12:15 A.M. ~~P.M.~~ | Time Started Off Bottom: 4:00 A.M. ~~P.M.~~ | Maximum Temperature: 127

Initial Hydrostatic Pressure		(A) 2377 P.S.I.		
Initial Flow Period	Minutes 30	(B) 67 P.S.I.	to (C) 67 P.S.I.	
Initial Closed In Period	Minutes 60	(D) 78 P.S.I.		
Final Flow Period	Minutes 45	(E) 71 P.S.I.	to (F) 72 P.S.I.	
Final Closed In Period	Minutes 96	(G) 88 P.S.I.		
Final Hydrostatic Pressure		(H) 2377 P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 3/3/82 Test Ticket No. 14733

Recorder No. 2607 Capacity 4150 Location 4617 Ft.

Clock No. - Elevation 2114 Ground Level Well Temperature 127 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2377 P.S.I.	Open Tool	12:15A M	
B First Initial Flow Pressure	67 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	67 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	78 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	71 P.S.I.	Final Closed-in Pressure	90 Mins.	96 Mins.
F Second Final Flow Pressure	72 P.S.I.			
G Final Closed-in Pressure	88 P.S.I.			
H Final Hydrostatic Mud	2377 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	67
P 2 5	67
P 3 10	67
P 4 15	67
P 5 20	67
P 6 25	67
P 7 30	67
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	67
3	67
6	67
9	67
12	67
15	68
18	68
21	68
24	69
27	69
30	69
33	69
36	70
39	71
42	72
45	73
48	74
51	75
54	76
57	77
60	78

Second Flow Pressure
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	71
5	71
10	71
15	71
20	71
25	71
30	71
35	72
40	72
45	72

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

Point Minutes	Press.
0	72
3	72
6	72
9	72
12	72
15	72
18	72
21	72
24	72
27	72
30	72
33	72
36	71
39	71
42	70
45	70
48	71
51	72
54	73
57	74
60	75

CONT'D NEXT PAGE

WESTERN TESTING CO., INC.
Pressure Data

Date 3/3/82 Test Ticket No. 14733

Recorder No. 2607 Capacity 4150 Location 4617 Ft.

Clock No. - Elevation 2114 Ground Level Well Temperature 127 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2377	P.S.I.	Open Tool	12:15A M	
B	First Initial Flow Pressure	67	P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	67	P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	78	P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E	Second Initial Flow Pressure	71	P.S.I.	Final Closed-in Pressure	90 Mins.	96 Mins.
F	Second Final Flow Pressure	72	P.S.I.			
G	Final Closed-in Pressure	88	P.S.I.			
H	Final Hydrostatic Mud	2377	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: 9 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	76
P 2						66	77
P 3						69	78
P 4						72	79
P 5						75	80
P 6						78	81
P 7						81	82
P 8						84	84
P 9						87	86
P10						90	87
P11						93	88
P12						96	88
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

NB #14733

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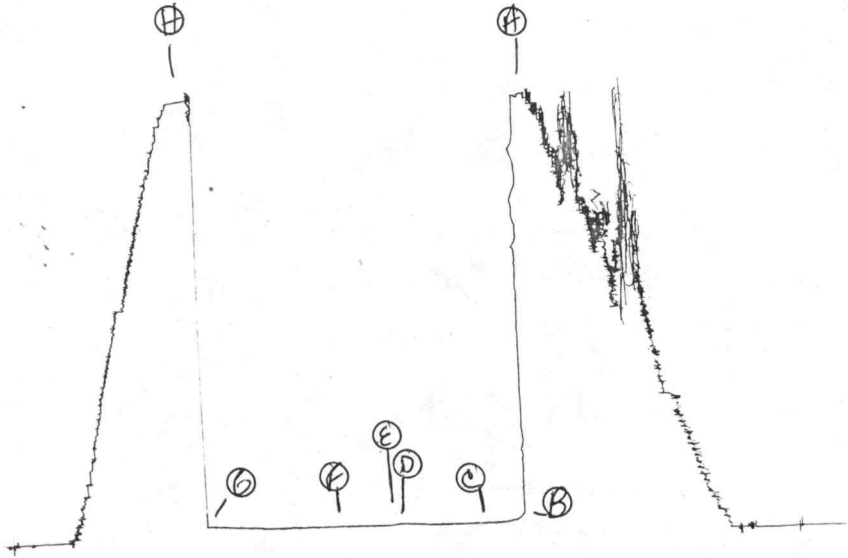

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 14733

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

Elevation 2114 G.L Formation Cherokee Eff. Pay — Ft.

District Pratt Date 3/3/82 Customer Order No. —

COMPANY NAME Gear Petroleum Co.

ADDRESS 300 Sutton Place Wichita, Ks 67202

LEASE AND WELL NO. Kinney Trust "B" #1-12 COUNTY Kiowa STATE Ks Sec. 12 Twp. 28 Rge. 16

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

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

Formation Test No. 1 Interval Tested from 4596 ft. to 4660 ft. Total Depth 4660 ft.

Packer Depth 4591 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 4596 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4617 ft. Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 4626 ft. Recorder Number 3351 Cap. 4000

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

Drilling Contractor Red Tiger Rig #1

Mud Type Premix Viscosity 53

Weight 9.9 Water Loss 11.2 cc.

Chlorides 25,000 P.P.M.

Jars: Make — Serial Number —

Did Well Flow? No Reversed Out No

Drill Collar Length — I. D. — in.

Weight Pipe Length 1019 I. D. 2.7 in.

Drill Pipe Length 3553 I. D. 3.8 in.

Test Tool Length 24 ft. Tool Size 5 1/2 OD in.

Anchor Length 64 ft. Size 5 1/2 OD in.

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 FH in.

Blow: Weak blow throughout flow periods Test

Recovered 20 ft. of Drlg Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

RECEIVED
MAR 05 1982

Time On Location 7:00 A.M. P.M. Time Pick Up Tool 10:00 A.M. P.M. Time Off Location 7:00 A.M. P.M.

Time Set Packer(s) 12:15 A.M. P.M. Time Started Off Bottom 4:00 A.M. P.M. Maximum Temperature 127°

Initial Hydrostatic Pressure		(A)	2352	P.S.I.		
Initial Flow Period	Minutes 30	(B)	63	P.S.I. to (C)	63	P.S.I.
Initial Closed In Period	Minutes 60	(D)	73	P.S.I.		
Final Flow Period	Minutes 45	(E)	63	P.S.I. to (F)	63	P.S.I.
Final Closed In Period	Minutes 90	(G)	73	P.S.I.		
Final Hydrostatic Pressure		(H)	2331	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 Gary R. Shaffer
Signature of Customer or his authorized representative

Western Representative Jim Wonder Thank You

FIELD INVOICE

Open Hole Test	$	700.00
Misrun	$	
Straddle Test	$	
Jars	$	
Selective Zone	$	
Safety Joint	$	65.00
Standby	$	
Evaluation	$	
Extra Packer	$	
Circ. Sub.	$	
Mileage 17mi	$	12.75
Fluid Sampler	$	
Extra Charts	$	
Insurance	$	
TOTAL	$	777.75

WESTERN TESTING CO., INC.
Pressure Data

Date 3-3-82 Test Ticket No. 14733

Recorder No. 2607 Capacity 4150 Location 4617 Ft

Clock No. — — — — Elevation 2114 GL Well Temperature 127 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2377	P.S.I.	Open Tool	12:15 AM	
B	First Initial Flow Pressure	67	P.S.I.	First Flow Pressure	30 Mins.	30 Mins
C	First Final Flow Pressure	67	P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins
D	Initial Closed-in Pressure	78	P.S.I.	Second Flow Pressure	45 Mins.	45 Mins
E	Second Initial Flow Pressure	71	P.S.I.	Final Closed-in Pressure	90 Mins.	96 Mins
F	Second Final Flow Pressure	72	P.S.I.			
G	Final Closed-in Pressure	88	P.S.I.			
H	Final Hydrostatic Mud	2377	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	67
P 2	5	
P 3	10	
P 4	15	
P 5	20	
P 6	25	
P 7	30	67
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	67
3	
6	
9	
12	67
15	68
18	68
21	68
24	69
27	69
30	69
33	69
36	70
39	71
42	72
45	73
48	74
51	75
54	76
57	77
60	78

Second Flow Pressure
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	71
5	
10	
15	
20	
25	71
30	71
35	72
40	72
45	72
50	
55	
60	
65	
70	
75	
80	
85	
90	

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

Point Minutes	Press.
0	72
3	
6	
9	
12	
15	72
18	
21	
24	
27	
30	72
33	72
36	71
39	71
42	70
45	70
48	71
51	72
54	73
57	74
60	75

cont

WTC - 4

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 14733

Recorder No. _____ Capacity _____ Location _____

Clock No. _____ Elevation _____ Well Temperature _____

Point	Pressure		Time Given	Time Comput
A Initial Hydrostatic Mud	P.S.I.	Open Tool	M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	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:	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1		63				63	76
P 2		66				66	77
P 3		69				69	78
P 4		72				72	79
P 5		75				75	80 ~~79~~
P 6		78				78	81
P 7		81				81	82
P 8		84				84	84
P 9		87				87	86
P10		90				90	87
P11		93				93	88
P12		96				96	88
P13		99				99	
P14		102				102	
P15		105				105	
P16		108				108	
P17		111				111	
P18		114				114	
P19		117				117	
P20		120				120	