Company Gear Petroleum Company, Inc. Lease & Well No. #1 Farber

Elevation 1318 Kelly Bushing Formation Kansas City Effective Pay - Ft. Ticket No. 7935

Date 6/14/81 Sec. 18 Twp. 29S Range 2E County Sedgwick State Kansas

Test Approved by Kenneth M. LeBlanc Western Representative Norman Allen - Robert Davis

Formation Test No. 1 Interval Tested from 2772 ft. to 2790 ft. Total Depth 2790 ft.

Packer Depth 2772 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2767 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2783 ft. Recorder Number 1559 Cap. 4200

Bottom Recorder Depth (Outside) 2786 ft. Recorder Number 13268 Cap. 4225

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

Drilling Contractor RRA Drilling Rig #1 Drill Collar Length 430 I. D. 2¼ in.

Mud Type Chemical Viscosity 43 Weight Pipe Length - I. D. - in.

Weight 9.6 Water Loss 12.0 cc. Drill Pipe Length 2322 I. D. 3.8 in.

Chlorides 4000 P.P.M. Test Tool Length 20 ft. Tool Size 5½OD in.

Jars: Make - Serial Number - Anchor Length 18 ft. Size 5½OD in.

Did Well Flow? - Reversed Out - 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: No blow.

Recovered 5 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 8:30 A.M. ~~P.M.~~ Time Started Off Bottom 10:30 A.M. ~~P.M.~~ Maximum Temperature 107

Initial Hydrostatic Pressure ..... (A) 1380 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 36 P.S.I. to (C) 42 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 1019 P.S.I.

Final Flow Period ..... Minutes 30 (E) 44 P.S.I. to (F) 51 P.S.I.

Final Closed In Period ..... Minutes 30 (G) 979 P.S.I.

Final Hydrostatic Pressure ..... (H) 1366 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 6/14/81 Test Ticket No. 7935

Recorder No. 13268 Capacity 4225 Location 2786 Ft.

Clock No. - Elevation 1318 Kelly Bushing Well Temperature 107 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1380 P.S.I.	Open Tool		8:30A M	
B	First Initial Flow Pressure	36 P.S.I.	First Flow Pressure		30 Mins.	30 Mins.
C	First Final Flow Pressure	42 P.S.I.	Initial Closed-in Pressure		30 Mins.	30 Mins.
D	Initial Closed-in Pressure	1019 P.S.I.	Second Flow Pressure		30 Mins.	30 Mins.
E	Second Initial Flow Pressure	44 P.S.I.	Final Closed-in Pressure		30 Mins.	30 Mins.
F	Second Final Flow Pressure	51 P.S.I.				
G	Final Closed-in Pressure	979 P.S.I.				
H	Final Hydrostatic Mud	1366 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	36
P 2	5	36
P 3	10	36
P 4	15	36
P 5	20	36
P 6	25	40
P 7	30	42
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	42
3	44
6	190
9	542
12	727
15	831
18	902
21	952
24	983
27	1006
30	1019

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

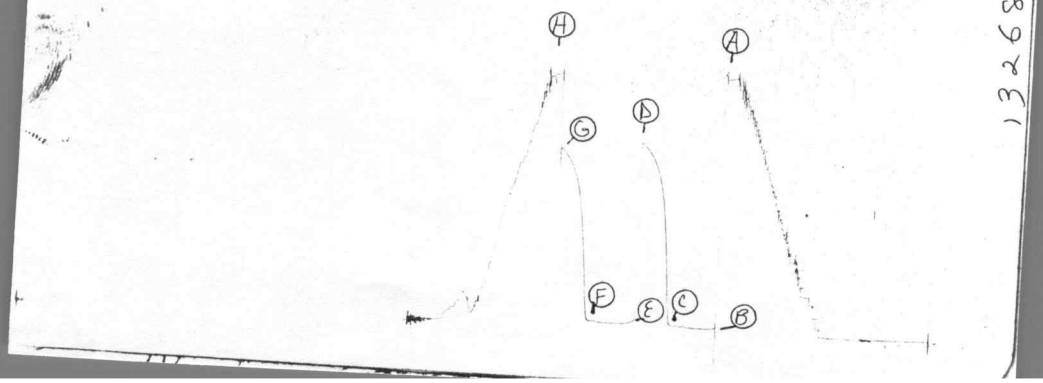
Point Minutes	Press.
0	44
5	44
10	44
15	44
20	44
25	45
30	51

Final Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	51
3	50
6	100
9	420
12	648
15	772
18	850
21	902
24	937
27	962
30	979

WTC - 4

IKT # 7935



13268

Company Gear Petroleum Company. Inc. Lease & Well No. Farber #1

Elevation 1318 Kelly Bushing Formation Simpson Effective Pay - Ft. Ticket No. 7923

Date 6/17/81 Sec. 18 Twp. 29S Range 2E County Sedgwick State Kansas

Test Approved by Kenneth M. LeBlanc Western Representative Kenny Kirkendall-Bob Davis

Formation Test No. 2 Interval Tested from 3530 ft. to 3548 ft. Total Depth 3548 ft.

Packer Depth 3526 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3530 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 3535 ft. Recorder Number 2605 Cap. 4150

Bottom Recorder Depth (Outside) 3537 ft. Recorder Number 10979 Cap. 4100

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

Drilling Contractor R. R. A. Rig #1 (Alderhalden) Drill Collar Length 300 I. D. - in.

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

Weight 9.4 Water Loss 11 cc. Drill Pipe Length 3212 I. D. - in.

Chlorides 3,200 P.P.M. Test Tool Length 18 ft. Tool Size 5½ in.

Jars: Make None Serial Number - Anchor Length 18 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: No blow; flushed tool no blow.

Recovered 10 ft. of mud with oil spots.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 9:00 ~~A.M.~~ P.M. Time Started Off Bottom A.M. P.M. Maximum Temperature 114°

Initial Hydrostatic Pressure (A) 1734 P.S.I.

Initial Flow Period Minutes 40 (B) 24 P.S.I. to (C) 31 P.S.I.

Initial Closed In Period Minutes 27 (D) 1255 P.S.I.

Final Flow Period Minutes 35 (E) 37 P.S.I. to (F) 37 P.S.I.

Final Closed In Period Minutes 30 (G) 1205 P.S.I.

Final Hydrostatic Pressure (H) 1722 P.S.I.

WTC-

WESTERN TESTING CO., INC.

Pressure Data

Date 6/17/81 Test Ticket No. 7923

Recorder No. 2605 Capacity 4150 Location 3535 Ft.

Clock No. - Elevation 1318 Kelly Bushing Well Temperature 114 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1734 P.S.I.		Open Tool	9:00P M	
B	First Initial Flow Pressure	24 P.S.I.		First Flow Pressure	30 Mins.	40 Mins.
C	First Final Flow Pressure	31 P.S.I.		Initial Closed-in Pressure	30 Mins.	27 Mins.
D	Initial Closed-in Pressure	1255 P.S.I.		Second Flow Pressure	30 Mins.	35 Mins.
E	Second Initial Flow Pressure	37 P.S.I.		Final Closed-in Pressure	30 Mins.	30 Mins.
F	Second Final Flow Pressure	37 P.S.I.				
G	Final Closed-in Pressure	1205 P.S.I.				
H	Final Hydrostatic Mud	1722 P.S.I.				

PRESSURE BREAKDOWN

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

Point	Mins.	Press.
P 1	0	24
P 2	5	FLUSHED TOOL
P 3	10	31
P 4	15	31
P 5	20	31
P 6	25	31
P 7	30	31
P 8	35	31
P 9	40	31
P10		31
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

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

Point Minutes	Press.
0	31
3	413
6	736
9	952
12	1072
15	1140
18	1185
21	1213
24	1238
27	1255
30	

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

Point Minutes	Press.
0	37
5	373
10	37
15	37
20	37
25	37
30	37
35	37

Final Shut-In
Breakdown: 10 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	37
3	383
6	703
9	898
12	1029
15	1083
18	1126
21	1159
24	1180
27	1197
30	1205

Company Gear Petroleum Company, Inc. Lease & Well No. Farber #1

Elevation 1318 Kelly Bushing Formation Simpson Effective Pay - Ft. Ticket No. 7924

Date 6/18/81 Sec. 18 Twp. 29S Range 2E County Sedgwick State Kansas

Test Approved by Ken LaBlock Western Representative Kenny Kirkendall-Bob Davis

Formation Test No. 3 Interval Tested from 3535 ft. to 3563 ft. Total Depth 3579 ft.

Packer Depth 3535 ft. Size 6 3/4 in. Packer Depth 3563 ft. Size 6 3/4 in.

Packer Depth 3530 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3540 ft. Recorder Number 2605 Cap. 4150

Bottom Recorder Depth (Outside) 3544 ft. Recorder Number 10979 Cap. 4100

Below Straddle Recorder Depth 3579 ft. Recorder Number WTC Cap. -

Drilling Contractor R R A Inc Rig #1 Drill Collar Length 742 I. D. - in.

Mud Type Chemical Viscosity 50 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 11.8 cc. Drill Pipe Length 3123 I. D. - in.

Chlorides 4000 P.P.M. Test Tool Length 18 ft. Tool Size 5½ in.

Jars: Make No Serial Number - Anchor Length 28 ft. Size 5½ in.

Did Well Flow? No Reversed Out - 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 blow throughout test

Recovered 810 ft. of muddy water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 7:15 ~~A.M.~~ P.M. Time Started Off Bottom 9:15 A.M. P.M. Maximum Temperature 114

Initial Hydrostatic Pressure			(A)	1745	P.S.I.	
Initial Flow Period	Minutes 30	(B)	54	P.S.I. to (C)	258	P.S.I.
Initial Closed In Period	Minutes 45	(D)	1395	P.S.I.		
Final Flow Period	Minutes 30	(E)	299	P.S.I. to (F)	377	P.S.I.
Final Closed In Period	Minutes 48	(G)	1390	P.S.I.		
Final Hydrostatic Pressure		(H)	1745	P.S.I.		

WTC-

WESTERN TESTING CO., INC.
Pressure Data

Date 6/18/81 Test Ticket No. 7924

Recorder No. 2605 Capacity 4150 Location 3540 Ft.

Clock No. - Elevation 1318 Kelly Bushing Well Temperature 114 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1745 P.S.I.	Open Tool	7:15P M	
B First Initial Flow Pressure	54 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	258 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1395 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	299 P.S.I.	Final Closed-in Pressure	45 Mins.	48 Mins.
F Second Final Flow Pressure	377 P.S.I.			
G Final Closed-in Pressure	1390 P.S.I.			
H Final Hydrostatic Mud	1745 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	75
P 3 10	133
P 4 15	193
P 5 20	225
P 6 25	242
P 7 30	258
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

Point Minutes	Press.
0	258
3	1304
6	1377
9	1386
12	1391
15	1392
18	1392
21	1392
24	1392
27	1392
30	1392
33	1393
36	1393
39	1394
42	1394
45	1395

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

Point Minutes	Press.
0	299
5	299
10	308
15	324
20	341
25	360
30	377

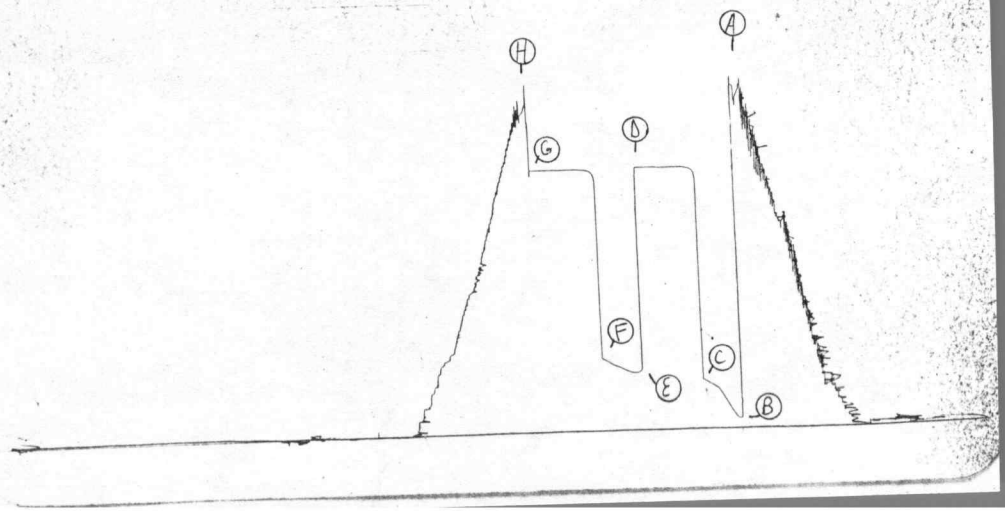
Final Shut-In
Breakdown: 16 Inc. of 3 mins. and a final inc. of 0 Min.

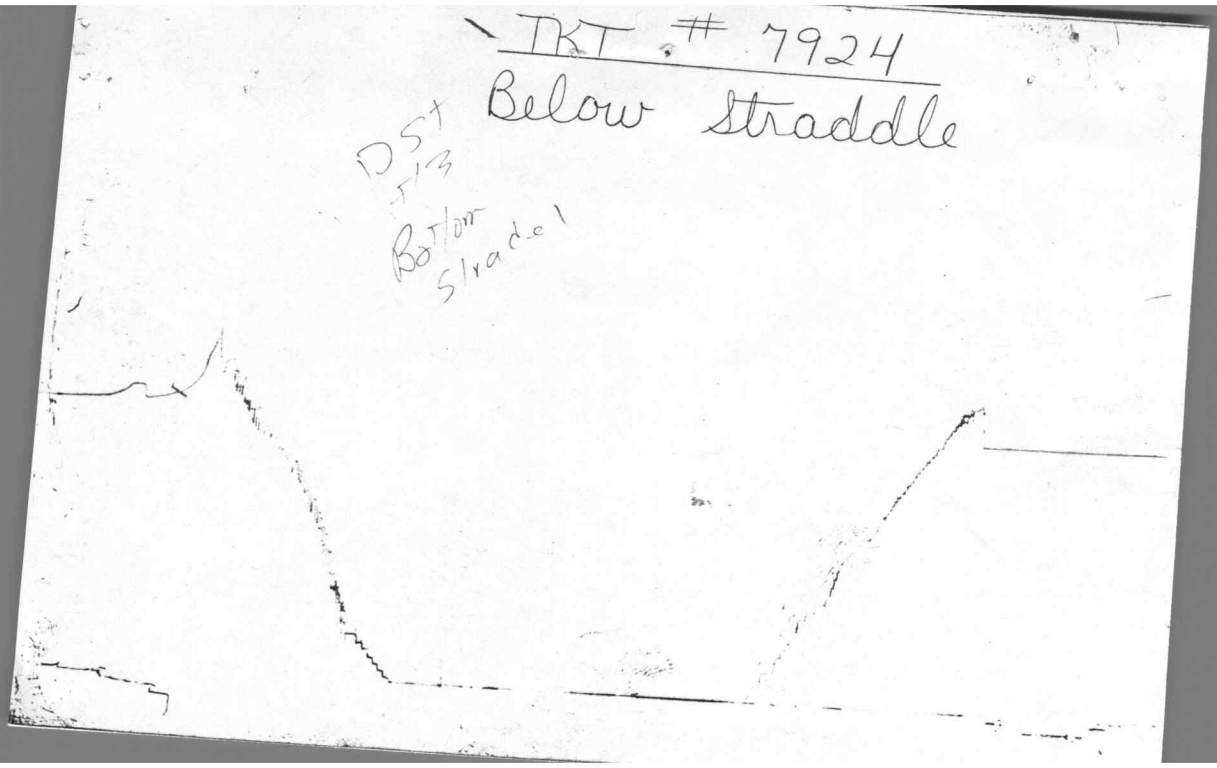
Point Minutes	Press.
0	377
3	1336
6	1375
9	1385
12	1388
15	1390
18	1390
21	1390
24	1390
27	1390
30	1390
33	1390
36	1390
39	1390
42	1390
45	1390
48	1390

WTC - 4

TKT # 7924 DST #3

2605




IKT # 7924
Below Straddle
DST
#3
Bottom
Straddle