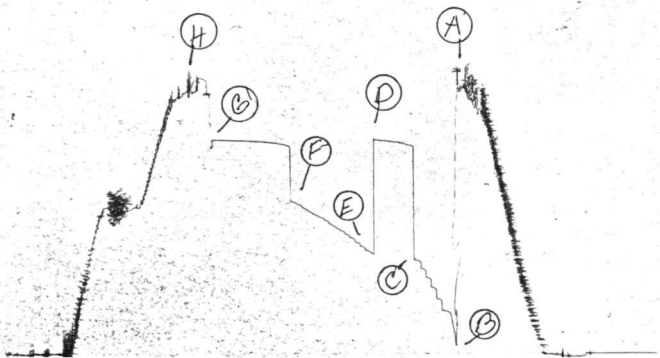


6246

TKL # 4014
0

Gear pit, Co.
Schmader**
PST #1

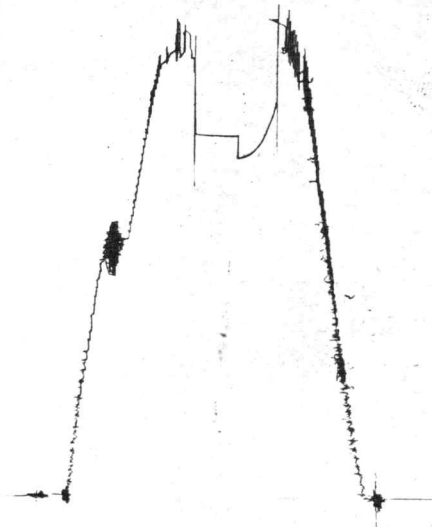


1502

V

TRK # 4014
Below Straddle

Gear pr. 0.
Sel track #
DST



Company Gear Petroleum Company Lease & Well No. Schomacker #2
Elevation 1535 Ground Level Kansas City Effective Pay --- Ft. Ticket No. 4014
Date 10/24/79 Sec. 34 Twp. 28S Range 6W County Kingman State Kansas
Test Approved by Phil Hart Western Representative Dave Sloan

Formation Test No. 1 Interval Tested from 3623 ft. to 3633 ft. Total Depth 3640 ft.

Packer Depth 3623 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3633 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3611 ft. Recorder Number 5673 Cap. 5400

Bottom Recorder Depth (Outside) 3621 ft. Recorder Number 6246 Cap. 5200

Below Straddle Recorder Depth 3637 ft. Recorder Number 1562 Cap. 3150

Drilling Contractor Red Tiger Drilling Rig #3 Drill Collar Length - I. D. - in.

Mud Type premix Viscosity 52 Weight Pipe Length 1200 I. D. 3.2 in.

Weight 9.6 Water Loss 10.5 cc. Drill Pipe Length 2401 I. D. 3.8 in.

Chlorides 16,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 OD in.

Jars: Make -- Serial Number -- Anchor Length 10 ft. Size 5 1/2 OD 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 4 1/2 XH in.

Blow: Strong blow throughout test.

Recovered 2,000 ft. of water chlorides 100,000 ppm

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: READ PRESSURES OFF OUTSIDE RECORDER CHART

Time Set Packer(s) 6:22 A.M. Time Started Off Bottom 9:22 P.M. Maximum Temperature Broken

Initial Hydrostatic Pressure 1785 (A) P.S.I.

Initial Flow Period 30 Minutes (B) 54 P.S.I. to (C) 636 P.S.I.

Initial Closed In Period 30 Minutes (D) 1446 P.S.I.

Final Flow Period 60 Minutes (E) 668 P.S.I. to (F) 1028 P.S.I.

Final Closed In Period 60 Minutes (G) 1442 P.S.I.

Final Hydrostatic Pressure 1754 (H) P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 10/24/79 Test Ticket No. 4014
 Recorder No. 6246 Capacity 5200 Location 3621 Ft.
 Clock No. -- Elevation 1535 Ground Level Well Temperature -- °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1785	P.S.I.	6:22A	M
B First Initial Flow Pressure	54	P.S.I.	30	Mins.
C First Final Flow Pressure	636	P.S.I.	30	Mins.
D Initial Closed-in Pressure	1446	P.S.I.	60	Mins.
E Second Initial Flow Pressure	668	P.S.I.	60	Mins.
F Second Final Flow Pressure	1028	P.S.I.		
G Final Closed-in Pressure	1442	P.S.I.		
H Final Hydrostatic Mud	1754	P.S.I.		

PRESSURE BREAKDOWN

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

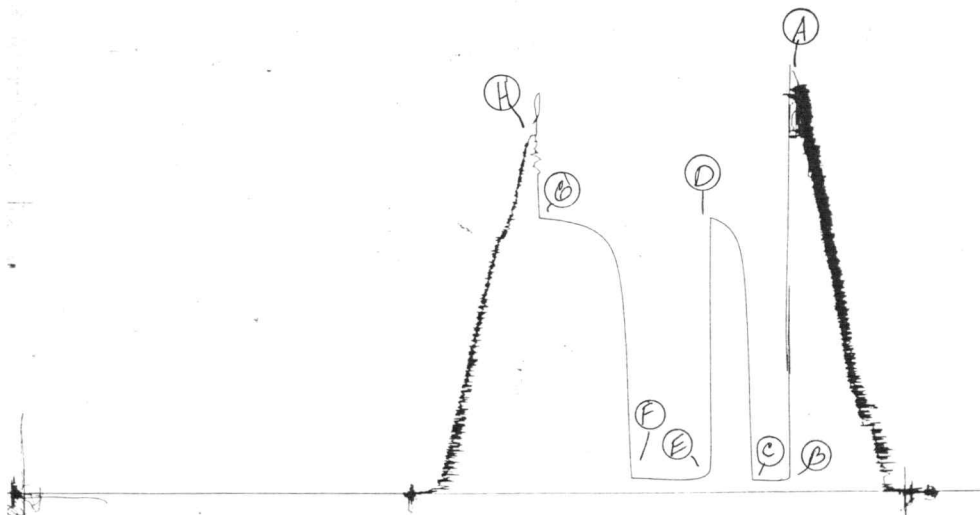
Initial Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

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

Final Shut-In
 Breakdown: 20 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 <u>0</u>	<u>54</u>	<u>0</u>	<u>636</u>	<u>0</u>	<u>668</u>	<u>0</u>	<u>1028</u>
P 2 <u>5</u>	<u>275</u>	<u>3</u>	<u>1404</u>	<u>5</u>	<u>696</u>	<u>3</u>	<u>1407</u>
P 3 <u>10</u>	<u>293</u>	<u>6</u>	<u>1411</u>	<u>10</u>	<u>728</u>	<u>6</u>	<u>1412</u>
P 4 <u>15</u>	<u>374</u>	<u>9</u>	<u>1421</u>	<u>15</u>	<u>775</u>	<u>9</u>	<u>1417</u>
P 5 <u>20</u>	<u>508</u>	<u>12</u>	<u>1427</u>	<u>20</u>	<u>804</u>	<u>12</u>	<u>1422</u>
P 6 <u>25</u>	<u>573</u>	<u>15</u>	<u>1429</u>	<u>25</u>	<u>830</u>	<u>15</u>	<u>1427</u>
P 7 <u>30</u>	<u>636</u>	<u>18</u>	<u>1433</u>	<u>30</u>	<u>859</u>	<u>18</u>	<u>1429</u>
P 8		<u>21</u>	<u>1437</u>	<u>35</u>	<u>895</u>	<u>21</u>	<u>1431</u>
P 9		<u>24</u>	<u>1438</u>	<u>40</u>	<u>921</u>	<u>24</u>	<u>1433</u>
P10		<u>27</u>	<u>1440</u>	<u>45</u>	<u>942</u>	<u>27</u>	<u>1434</u>
P11		<u>30</u>	<u>1446</u>	<u>50</u>	<u>974</u>	<u>30</u>	<u>1435</u>
P12				<u>55</u>	<u>1005</u>	<u>33</u>	<u>1436</u>
P13				<u>60</u>	<u>1028</u>	<u>36</u>	<u>1437</u>
P14						<u>39</u>	<u>1438</u>
P15						<u>42</u>	<u>1439</u>
P16						<u>45</u>	<u>1439</u>
P17						<u>48</u>	<u>1439</u>
P18						<u>51</u>	<u>1440</u>
P19						<u>54</u>	<u>1441</u>
P20						<u>57</u>	<u>1441</u>
						<u>60</u>	<u>1442</u>

TKL# 3303
I



Company Gear Petroleum Company Lease & Well No. Schomacker #2
 Elevation 1535 Ground Level Formation Mississippi Effective Pay ---- Ft. Ticket No. 3303
 Date 10/25/79 Sec. 34 Twp. 28S Range 6W County Kingman State Kansas
 Test Approved by Phil Hart Western Representative W. K. Hager
 Formation Test No. 2 Interval Tested from 3988 ft. to 4000 ft. Total Depth 4000 ft.
 Packer Depth 3988 ft. Size 6 3/4 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) 3893 ft. Recorder Number 1558 Cap. 4200
 Bottom Recorder Depth (Outside) 3896 ft. Recorder Number 1559 Cap. 4200
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Red Tiger Drilling #3 Drill Collar Length - I. D. - in.
 Mud Type premix Viscosity 65 Weight Pipe Length 1200 I. D. 3 in.
 Weight 9.5 Water Loss 10.8 cc. Drill Pipe Length 2773 I. D. 3.8 in.
 Chlorides 18,000 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.
 Jars: Make -- Serial Number --- Anchor Length 12 ft. Size 5 1/2 in.
 Did Well Flow? Gas 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 FH in.

Blow: Strong blow ; gas to surface in nine minutes on initial flow period. See attached sheet
for gas measurements.

Recovered 80 ft. of muddy water
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 11:59 ~~A.M.~~ P.M. Time Started Off Bottom 2:59 ~~P.M.~~ A.M. Maximum Temperature 124⁰
 Initial Hydrostatic Pressure 2110 P.S.I. (A)
 Initial Flow Period 30 Minutes (B) 66 P.S.I. to (C) 68 P.S.I.
 Initial Closed In Period 30 Minutes (D) 1487 P.S.I.
 Final Flow Period 60 Minutes (E) 86 P.S.I. to (F) 85 P.S.I.
 Final Closed In Period 66 Minutes (G) 1492 P.S.I.
 Final Hydrostatic Pressure 1937 P.S.I. (H)

GAS FLOW REPORT

Date 10/25/79 Ticket 3303 Company Gear Petroleum Company
 Well Name and No. Schomacker #2 Dst No. 2 Interval Tested 3988-4000
 County Kingman State Kansas Sec. 34 Twp. 28S Rg. 6W

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
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PRE FLOW

Gas to surface in nine minutes.

15 min.	60" of water	3/4" orifice		112,000	CFPD
20 min.	68" of water	3/4" orifice		117,000	CFPD
25 min.	78" of water	3/4" orifice		125,000	CFPD
30 min.	74" of water	3/4" orifice		122,000	CFPD

SECOND FLOW

5 min.	54" of water	1" orifice		190,000	CFPD
10 min.	38" of water	1" orifice		159,000	CFPD
15 min.	38" of water	1" orifice		159,000	CFPD
20 min.	76" of water	3/4" orifice		123,000	CFPD
25 min.	76" of water	3/4" orifice		123,000	CFPD
30 min.	76" of water	3/4" orifice		123,000	CFPD
35 min.	76" of water	3/4" orifice		123,000	CFPD
40 min.	76" of water	3/4" orifice		123,000	CFPD
45 min.	76" of water	3/4" orifice		123,000	CFPD
50 min.	76" of water	3/4" orifice		123,000	CFPD
55 min.	76" of water	3/4" orifice		123,000	CFPD
60 min.	76" of water	3/4" orifice		123,000	CFPD

GAS BOTTLE

Serial No. ---- Date Bottle Filled ---- Date to be Invoiced 10/25/79

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 1% per month, equal to 12% 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 GEAR PETROLEUM COMPANY

Authorized by Phil Hart

WESTERN TESTING CO., INC.

Pressure Data

Date 10/25/79 Test Ticket No. 3303
 Recorder No. 1558 Capacity 4200 Location 3893 Ft.
 Clock No. --- Elevation 1535 Ground Level Well Temperature 124 °F

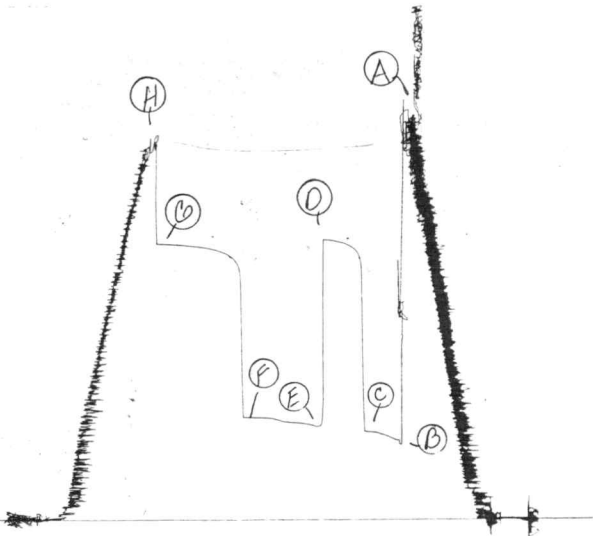
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2110 P.S.I.	Open Tool	11:59P M	
B First Initial Flow Pressure	66 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	68 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	1487 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	86 P.S.I.	Final Closed-in Pressure	60 Mins.	66 Mins.
F Second Final Flow Pressure	85 P.S.I.			
G Final Closed-in Pressure	1492 P.S.I.			
H Final Hydrostatic Mud	1937 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>22</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>66</u>	<u>0</u>	<u>68</u>	<u>0</u>	<u>86</u>	<u>0</u>	<u>85</u>
P 2 <u>5</u>	<u>66</u>	<u>3</u>	<u>508</u>	<u>5</u>	<u>86</u>	<u>3</u>	<u>454</u>
P 3 <u>10</u>	<u>68</u>	<u>6</u>	<u>1121</u>	<u>10</u>	<u>78</u>	<u>6</u>	<u>958</u>
P 4 <u>15</u>	<u>68</u>	<u>9</u>	<u>1301</u>	<u>15</u>	<u>74</u>	<u>9</u>	<u>1176</u>
P 5 <u>20</u>	<u>68</u>	<u>12</u>	<u>1370</u>	<u>20</u>	<u>72</u>	<u>12</u>	<u>1270</u>
P 6 <u>25</u>	<u>68</u>	<u>15</u>	<u>1410</u>	<u>25</u>	<u>73</u>	<u>15</u>	<u>1326</u>
P 7 <u>30</u>	<u>68</u>	<u>18</u>	<u>1437</u>	<u>30</u>	<u>74</u>	<u>18</u>	<u>1359</u>
P 8		<u>21</u>	<u>1454</u>	<u>35</u>	<u>77</u>	<u>21</u>	<u>1387</u>
P 9		<u>24</u>	<u>1466</u>	<u>40</u>	<u>78</u>	<u>24</u>	<u>1406</u>
P10		<u>27</u>	<u>1469</u>	<u>45</u>	<u>82</u>	<u>27</u>	<u>1418</u>
P11		<u>30</u>	<u>1487</u>	<u>50</u>	<u>83</u>	<u>30</u>	<u>1431</u>
P12				<u>55</u>	<u>84</u>	<u>33</u>	<u>1443</u>
P13				<u>60</u>	<u>85</u>	<u>36</u>	<u>1450</u>
P14						<u>39</u>	<u>1456</u>
P15						<u>42</u>	<u>1462</u>
P16						<u>45</u>	<u>1466</u>
P17						<u>48</u>	<u>1471</u>
P18						<u>51</u>	<u>1476</u>
P19						<u>54</u>	<u>1479</u>
P20						<u>57</u>	<u>1482</u>
						<u>60</u>	<u>1485</u>
						<u>63</u>	<u>1487</u>
						<u>66</u>	<u>1492</u>

50
DST

TH # 3304
I



Company Gear Petroleum Company Lease & Well No. Schomacker #2
Elevation 1535 Ground Level Formation Mississippi Effective Pay ---- Ft. Ticket No. 3304
Date 10/26/79 Sec. 34 Twp. 28S Range 6W County Kingman State Kansas
Test Approved by Phil Hart Western Representative W. K. Hager

Formation Test No. 3 Interval Tested from 3998 ft. to 4012 ft. Total Depth 4012 ft.

Packer Depth 3998 ft. Size 6 3/4 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) 4004 ft. Recorder Number 1557 Cap. 4200

Bottom Recorder Depth (Outside) 4007 ft. Recorder Number 1559 Cap. 4200

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

Drilling Contractor Red Tiger Drilling Rig #3 Drill Collar Length - I. D. - in.

Mud Type premix MonPac Viscosity 48 Weight Pipe Length 1200' I. D. 3" in.

Weight 9.4 Water Loss 11.8 cc. Drill Pipe Length 2783 I. D. 3.8 in.

Chlorides 16,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 in.

Jars: Make - Serial Number - Anchor Length 14 ft. Size 5 1/2 in.

Did Well Flow? Gas 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 FH in.

Blow: Very strong blow with gas to surface in three minutes. See attached sheet for gas measurements.

Recovered 122 ft. of muddy water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 1:55 ~~A.M.~~ P.M. Time Started Off Bottom 4:15 ~~A.M.~~ P.M. Maximum Temperature 124⁰
Initial Hydrostatic Pressure 2087 P.S.I. (A)
Initial Flow Period 30 Minutes (B) 405 P.S.I. to (C) 474 P.S.I.
Initial Closed In Period 30 Minutes (D) 1515 P.S.I.
Final Flow Period 60 Minutes (E) 502 P.S.I. to (F) 552 P.S.I.
Final Closed In Period 60 Minutes (G) 1496 P.S.I.
Final Hydrostatic Pressure 2049 P.S.I. (H)

GAS FLOW REPORT

Date 10-26-79 Ticket 3304 Company Gear Petroleum Company
 Well Name and No. Shomacker #2 Dst No. 3 Interval Tested 3998' - 4012'
 County Kingman State Kansas Sec. 34 Twp. 28S Rg. 6W

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
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PRE FLOW

Gas to surface in three minutes.						
	5 min.		8 lbs.			2,060,000 C.F.P.D.
	10 min.		11 lbs.			2,420,000 C.F.P.D.
	15 min.		13 lbs.			2,630,000 C.F.P.D.
	20 min.		14 lbs.			2,740,000 C.F.P.D.
	25 min.		14 lbs.			2,740,000 C.F.P.D.
	30 min.		14 lbs.			2,740,000 C.F.P.D.

SECOND FLOW

	5 min.		14 lbs.			2,740,000 C.F.P.D.
	10 min.		14 lbs.			2,740,000 C.F.P.D.
	15 min.		14 lbs.			2,740,000 C.F.P.D.
	20 min.		14 lbs.			2,740,000 C.F.P.D.
	25 min.		14 lbs.			2,740,000 C.F.P.D.
	30 min.		14 lbs.			2,740,000 C.F.P.D.
	35 min.		14 lbs.			2,740,000 C.F.P.D.
	40 min.		14 lbs.			2,740,000 C.F.P.D.
	45 min.		14 lbs.			2,740,000 C.F.P.D.
	50 min.		14 lbs.			2,740,000 C.F.P.D.
	55 min.		14 lbs.			2,740,000 C.F.P.D.
	60 min.		14 lbs.			2,740,000 C.F.P.D.

GAS BOTTLE

Serial No. ----- Date Bottle Filled ----- Date to be Invoiced -----

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 1% per month, equal to 12% 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 Gear Petroleum Company

Authorized by Phil Hart

WESTERN TESTING CO., INC.

Pressure Data

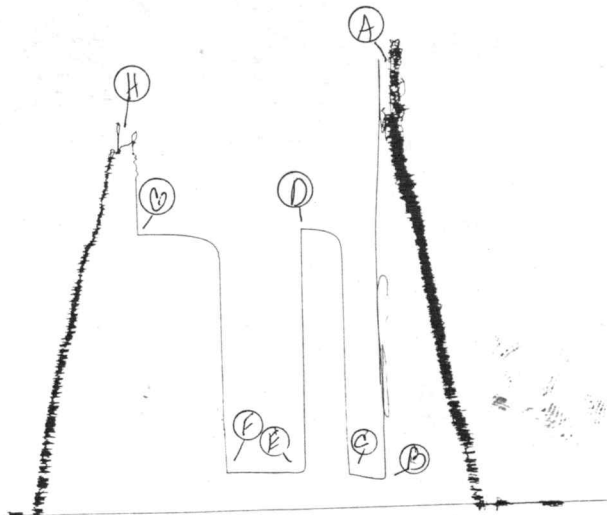
Date 10/26/79 Recorder No. 1558 Capacity 4200 Test Ticket No. 3304
 Clock No. -- Elevation 1535 Ground Level Well Temperature 124 °F Location 4004 Ft.

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2087 P.S.I.	Open Tool	1:15P	M
B First Initial Flow Pressure	405 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	474 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	1515 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	502 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	552 P.S.I.			
G Final Closed-in Pressure	1496 P.S.I.			
H Final Hydrostatic Mud	2049 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>20</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	405	0	474	0	502	0	552
P 2 <u>5</u>	432	3	1364	5	502	3	1347
P 3 <u>10</u>	451	6	1448	10	517	6	1399
P 4 <u>15</u>	462	9	1471	15	521	9	1422
P 5 <u>20</u>	470	12	1485	20	524	12	1437
P 6 <u>25</u>	474	15	1494	25	527	15	1451
P 7 <u>30</u>	474	18	1500	30	533	18	1456
P 8		21	1506	35	542	21	1462
P 9		24	1511	40	531	24	1469
P10		27	1513	45		27	1472
P11		30	1515	50		30	1477
P12				55		33	1481
P13				60		36	1483
P14						39	1485
P15						42	1487
P16						45	1490
P17						48	1491
P18						51	1492
P19						54	1494
P20						57	1495
						60	1496

TK4 #.3305-
I



Company Gear Petroleum Company Lease & Well No. Schomacker #2
Elevation 1535 Ground Level Formation Mississippi Effective Pay --- Ft. Ticket No. 3305
Date 10/27/79 Sec. 34 Twp. 28S Range 6W County Kingman State Kansas
Test Approved by Phil Hart Western Representative W. K. Hager

Formation Test No. 4 Interval Tested from 4013 ft. to 4024 ft. Total Depth 4024 ft.

Packer Depth 4013 ft. Size 6 3/4 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) 4017 ft. Recorder Number 1558 Cap. 4200

Bottom Recorder Depth (Outside) 4020 ft. Recorder Number 1559 Cap. 4200

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

Drilling Contractor Red Tiger Drilling Rig #3 Drill Collar Length - I. D. - in.

Mud Type premix Viscosity 48 Weight Pipe Length 1200 I. D. 3" in.

Weight 9.4 Water Loss 11.8 cc. Drill Pipe Length 2798 I. D. 3.8 in.

Chlorides 16,000 P.P.M. Test Tool Length 26 ft. Tool Size 5 1/2 in.

Jars: Make -- Serial Number -- Anchor Length 11 ft. Size 5 1/2 in.

Did Well Flow? Gas 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 FH in.

Blow: Strong blow gas to surface in five minutes . See attached sheet for gas measurements.

Recovered 20 ft. of mud with spots of oil

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 3:05 A.M. Time Started Off Bottom 6:05 A.M. Maximum Temperature 125
P.M. P.M.

Initial Hydrostatic Pressure 2101 (A) P.S.I.

Initial Flow Period 30 Minutes (B) 154 P.S.I. to (C) 184 P.S.I.

Initial Closed In Period 33 Minutes (D) 1512 P.S.I.

Final Flow Period 60 Minutes (E) 198 P.S.I. to (F) 207 P.S.I.

Final Closed In Period 66 Minutes (G) 1498 P.S.I.

Final Hydrostatic Pressure 1987 (H) P.S.I.

GAS FLOW REPORT

Date 10/2/7/79 Ticket 3305 Company Gear Petroleum Company
 Well Name and No. Schomacker #2 Dst No. 4 Interval Tested 4013'-4024'
 County Kingman State Kansas Sec. 34 Twp. 28S Rg. 6W

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
Gas to surface in five minutes PRE FLOW						
	10 min.	8 lbs. 1 $\frac{1}{4}$ " orifice				700,000 CFPD
	15 min.	9 lbs. 1 $\frac{1}{4}$ " orifice				754,000 CFPD
	20 min.	9 lbs. 1 $\frac{1}{4}$ " orifice				754,000 CFPD
	25 min.	12 lbs. 1 $\frac{1}{4}$ " orifice				893,000 CFPD
	30 min.	12 lbs. 1 $\frac{1}{4}$ " orifice				893,000 CFPD

SECOND FLOW						
	5 min.	13 lbs. 1 $\frac{1}{4}$ " orifice				937,000 CFPD
	10 min.	12 lbs. 1 $\frac{1}{4}$ " orifice				893,000 CFPD
	15 min.	12 lbs. 1 $\frac{1}{4}$ " orifice				893,000 CFPD
	20 min.	12 lbs. 1 $\frac{1}{4}$ " orifice				893,000 CFPD
	25 min.	12 lbs. 1 $\frac{1}{4}$ " orifice				893,000 CFPD
	30 min.	12 lbs. 1 $\frac{1}{4}$ " orifice				893,000 CFPD
	35 min.	12 lbs. 1 $\frac{1}{4}$ " orifice				893,000 CFPD
	40 min.	12 lbs. 1 $\frac{1}{4}$ " orifice				893,000 CFPD
	45 min.	12 lbs. 1 $\frac{1}{4}$ " orifice				893,000 CFPD
	50 min.	12 lbs. 1 $\frac{1}{4}$ " orifice				893,000 CFPD
	55 min.	12 lbs. 1 $\frac{1}{4}$ " orifice				893,000 CFPD
	60 min.	12 lbs. 1 $\frac{1}{4}$ " orifice				893,000 CFPD

GAS BOTTLE

Serial No. --- Date Bottle Filled ---- Date to be Invoiced 10/27/79

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 1% per month, equal to 12% 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 Gear Petroleum Company

Authorized by Phil Hart

WESTERN TESTING CO., INC. Pressure Data

Date 10/27/79 Test Ticket No. 3305
Recorder No. 1558 Capacity 4200 Location 4017 Ft.
Clock No. -- Elevation 1535 Ground Level Well Temperature 125 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2101	P.S.I.	3:05A	M
B First Initial Flow Pressure	154	P.S.I.	30	Mins.
C First Final Flow Pressure	184	P.S.I.	30	Mins.
D Initial Closed-in Pressure	1512	P.S.I.	60	Mins.
E Second Initial Flow Pressure	198	P.S.I.	60	Mins.
F Second Final Flow Pressure	207	P.S.I.		
G Final Closed-in Pressure	1498	P.S.I.		
H Final Hydrostatic Mud	1987	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>22</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>154</u>	<u>0</u>	<u>184</u>	<u>0</u>	<u>198</u>	<u>0</u>	<u>207</u>
P 2 <u>5</u>	<u>154</u>	<u>3</u>	<u>660</u>	<u>5</u>	<u>198</u>	<u>3</u>	<u>564</u>
P 3 <u>10</u>	<u>158</u>	<u>6</u>	<u>1412</u>	<u>10</u>	<u>198</u>	<u>6</u>	<u>1368</u>
P 4 <u>15</u>	<u>167</u>	<u>9</u>	<u>1460</u>	<u>15</u>	<u>198</u>	<u>9</u>	<u>1431</u>
P 5 <u>20</u>	<u>177</u>	<u>12</u>	<u>1479</u>	<u>20</u>	<u>198</u>	<u>12</u>	<u>1452</u>
P 6 <u>25</u>	<u>181</u>	<u>15</u>	<u>1490</u>	<u>25</u>	<u>198</u>	<u>15</u>	<u>1462</u>
P 7 <u>30</u>	<u>184</u>	<u>18</u>	<u>1496</u>	<u>30</u>	<u>201</u>	<u>18</u>	<u>1471</u>
P 8		<u>21</u>	<u>1500</u>	<u>35</u>	<u>202</u>	<u>21</u>	<u>1477</u>
P 9		<u>24</u>	<u>1504</u>	<u>40</u>	<u>203</u>	<u>24</u>	<u>1481</u>
P10		<u>27</u>	<u>1508</u>	<u>45</u>	<u>204</u>	<u>27</u>	<u>1485</u>
P11		<u>30</u>	<u>1511</u>	<u>50</u>	<u>205</u>	<u>30</u>	<u>1490</u>
P12		<u>33</u>	<u>1512</u>	<u>55</u>	<u>206</u>	<u>33</u>	<u>1492</u>
P13				<u>60</u>	<u>207</u>	<u>36</u>	<u>1494</u>
P14						<u>39</u>	<u>1495</u>
P15						<u>42</u>	<u>1497</u>
P16						<u>45</u>	<u>1498</u>
P17						<u>48</u>	<u>1498</u>
P18						<u>51</u>	<u>1498</u>
P19						<u>54</u>	<u>1498</u>
P20						<u>57</u>	<u>1498</u>
						<u>60</u>	<u>1498</u>
						<u>63</u>	<u>1498</u>
						<u>66</u>	<u>1498</u>