RECEIVED
KANSAS CORPORATION COMMISSION
JUL 30 2003
CONSERVATION DIVISION
WICHITA, KS

# Ricketts Testing, Inc.

KCC
JUL 28 2003

ORIGINAL

CONFIDENTIAL

Company BARTELSON OIL CONFIDENTIAL Lease & Well No. WEISHAAR #4-G

Elevation 1233 K.B. Formation STALNAKER Ticket No. 2094

Date 6-3-03 Sec. 24 Twp. 32S Range 4W County SUMNER State KS

Test Approved by _____ Ricketts Representative JIM RICKETTS

Formation Test No. 1 Interval Tested from 2981 ft. to 3007 ft. Total Depth 3007 ft.

Packer Depth 2981 ft .Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 2978 ft Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2986 ft. Recorder Number 13306 Cap. 4625

Bottom Recorder Depth (Outside) 2989 ft. Recorder Number Z43 Cap. 6000

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

Drilling Contractor SUMMIT DRILLING RIG #1 Drill Collar Length 305 I.D. 2.25 in.

Mud Type CHEMICAL Viscosity 51 Weight Pipe Length _____ I.D. _____ in.

Weight 10.2 Water Loss 21.8 cc. Drill Pipe Length 2649 I.D. 3.25 in.

Chlorides 16,000 P.P.M. Test Tool Length 27 ft. Tool Size. 5½ in.

Jars: Make STERLING Serial Number 404 Anchor Length 26 ft. Size 5½ in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Gravity Oil _____ Main Hole Size 7 7/8 in. Tool Joint Size 3½XH in.

Blow: STRONG BLOW. GAS TO SURFACE IN 40 SECONDS. GAUGED 1,146,000 CFPD TO 1,388,000 CFPD.

Recovered 20 ft. of GAS CUT MUD.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Time Set Packer (s) 9:00 A M. Time Started Off Bottom 11:35 A M. Maximum Temperature 110°

| | | | | |
|---|---|---|---|---|
| Initial Hydrostatic Pressure | (A) | 1673 | P.S.I. | |
| Initial Flow Period Minutes 20 | (B) | 343 | P.S.I. | to |
| | (C) | 428 | P.S.I. | |
| Initial Closed In Period Minutes 45 | (D) | 1205 | P.S.I. | |
| Final Flow Period Minutes 30 | (E) | 377 | P.S.I. | to |
| | (F) | 419 | P.S.I. | |
| Final Closed In Period Minutes 60 | (G) | 1201 | P.S.I. | |
| Final Hydrostatic Pressure | (H) | 1631 | P.S.I. | |

# Ricketts Testing

## GAS FLOW REPORT

Date 6-3-03 Ticket 2094 Company BARTELSON OIL

Well Name and No. WEISHAAR 4-G Dst No. 1 Interval Tested 2981-3007

County SUMNER State KANSAS Sec. 24 Twp. 32S Rg. 4W

| 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 |
|---|---|---|---|---|---|---|
| 1¼ ORIFICE | | | | **PRE FLOW** | | |
| 9:10 | 10 | 18 | | | | 1,146,000 CFPD |
| 9:20 | 20 | 22 | | | | 1,316,000 CFPD |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | **SECOND FLOW** | | |
| 10:15 | 10 | 24 | | | | 1,388,000 CFPD |
| 10:25 | 20 | 24 | | | | 1,388,000 CFPD |
| 10:35 | 30 | 24 | | | | 1,388,000 CFPD |
| | | | | | | |
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### GAS BOTTLE

Serial No. _____ Date Bottle Filled 6-3-03 Date to be Invoiced 7-3-03

Requisition and Provisions for high pressure steel gas bottles. Ricketts Testing 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 Ricketts Testing 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 BARTELSON OIL

Authorized by _____

FORM 6

# Pressure Test Report

## COMPANY INFORMATION

| | |
|---|---|
| Company Name | Bartelson Oil |
| Representative | Steve Davis |
| Phone | 620-459-6406 |
| Fax | |
| Address | |
| E-Mail Address | |
| Service Company | |

## WELL INFORMATION

| | |
|---|---|
| Well Name | Weishaar 4- G |
| Well Location | 24-32S-4W S/2 NW_SW |
| Field and Pool | Yamell NE |
| Status (Oil, Gas, Water, Injection) | Gas |
| Perforated Intervals | |
| Mid-point of Perforated Intervals (MPP) | |
| Drilling Rig Number | Summit Rig #1 |
| Elevations | |
| Kelly Bushing (KB) | 1233KB |
| Casing Flange (CF) | |
| KB-CF | |
| Ground Level | 1223 GL |
| Plug Back Total Depth | |
| Total Depth | 3007' |
| Production Casing | |
| Production Tubing | |

## TEST INFORMATION

| | |
|---|---|
| Type of Test | DST#1 2981' to 3007' |
| Date(s) of Test | 6-3-2003 |
| Dead-weight Gauge Tubing Pressure | |
| Dead-weight Gauge Casing Pressure | |
| Shut-in Date (Duration) | 6-3-2003 |
| Date / Time on Bottom | 6-3-2003 @9:00 Am |
| Date / Time off Bottom | 6-3-2003@11:35 Am |
| Probe Serial Number | Z43 |
| Probe Offset from End of Tool String | |
| Run Depth at Probe Pressure Port | 2984' |

## PRESSURE TEST RESULTS

| | |
|---|---|
| Maximum Recorded Probe Pressure | 1728.4 psig |
| Maximum Recorded Probe Temperature | 111.3 deg F |
| Final Buildup Pressure | |
| Gradient Survey Information | |
| Extrapolated Pressure to MPP | |
| Final Gradient at Depth | |
| Job Number | |

# COMMENTS

Reported By James Ricketts

Strong Blow Gas to surfacein 40 sec. Gauged 1,146,000 CFPD to 1,388,000 CFPD .Recovery 20' gas cut mud

| Date | Time | Cum. T. 1 (Z43) | Pres 1 (Z43) | Temp 1 (Z43) |
|---|---|---|---|---|
| | | hr | psig | deg F |
| 2003/06/03 | 07:21:59 | 0.0000 | 29.175 | 84.850 |
| 2003/06/03 | 07:24:59 | 0.0500 | 45.106 | 87.741 |
| 2003/06/03 | 07:27:59 | 0.1000 | 90.124 | 90.243 |
| 2003/06/03 | 07:30:59 | 0.1500 | 134.384 | 92.361 |
| 2003/06/03 | 07:33:59 | 0.2000 | 164.166 | 93.988 |
| 2003/06/03 | 07:36:59 | 0.2500 | 173.558 | 95.117 |
| 2003/06/03 | 07:39:59 | 0.3000 | 171.740 | 95.850 |
| 2003/06/03 | 07:42:59 | 0.3500 | 178.672 | 96.325 |
| 2003/06/03 | 07:45:59 | 0.4000 | 214.237 | 96.656 |
| 2003/06/03 | 07:48:59 | 0.4500 | 264.836 | 96.912 |
| 2003/06/03 | 07:51:59 | 0.5000 | 334.602 | 97.124 |
| 2003/06/03 | 07:54:59 | 0.5500 | 401.404 | 97.281 |
| 2003/06/03 | 07:57:59 | 0.6000 | 464.205 | 97.410 |
| 2003/06/03 | 08:00:59 | 0.6500 | 564.613 | 97.529 |
| 2003/06/03 | 08:03:59 | 0.7000 | 632.207 | 97.768 |
| 2003/06/03 | 08:06:59 | 0.7500 | 711.751 | 98.166 |
| 2003/06/03 | 08:08:29 | 0.7750 | 754.981 | 98.391 |
| 2003/06/03 | 08:09:59 | 0.8000 | 788.553 | 98.634 |
| 2003/06/03 | 08:11:29 | 0.8250 | 824.603 | 98.906 |
| 2003/06/03 | 08:12:59 | 0.8500 | 812.121 | 99.192 |
| 2003/06/03 | 08:14:29 | 0.8750 | 887.129 | 99.480 |
| 2003/06/03 | 08:15:59 | 0.9000 | 980.047 | 99.788 |
| 2003/06/03 | 08:17:29 | 0.9250 | 979.703 | 100.117 |
| 2003/06/03 | 08:18:59 | 0.9500 | 989.760 | 100.440 |
| 2003/06/03 | 08:20:29 | 0.9750 | 1025.843 | 100.780 |
| 2003/06/03 | 08:21:59 | 1.0000 | 1056.616 | 101.111 |
| 2003/06/03 | 08:23:29 | 1.0250 | 1030.419 | 101.455 |
| 2003/06/03 | 08:24:59 | 1.0500 | 1072.769 | 101.764 |
| 2003/06/03 | 08:26:29 | 1.0750 | 1114.015 | 102.051 |
| 2003/06/03 | 08:27:59 | 1.1000 | 1253.764 | 102.351 |
| 2003/06/03 | 08:29:29 | 1.1250 | 1163.506 | 102.684 |
| 2003/06/03 | 08:30:59 | 1.1500 | 1248.995 | 103.008 |
| 2003/06/03 | 08:32:29 | 1.1750 | 1276.462 | 103.357 |
| 2003/06/03 | 08:33:59 | 1.2000 | 1305.278 | 103.687 |
| 2003/06/03 | 08:35:29 | 1.2250 | 1343.115 | 104.025 |
| 2003/06/03 | 08:36:59 | 1.2500 | 1397.818 | 104.387 |
| 2003/06/03 | 08:38:29 | 1.2750 | 1429.810 | 104.761 |
| 2003/06/03 | 08:39:59 | 1.3000 | 1461.161 | 105.145 |
| 2003/06/03 | 08:41:29 | 1.3250 | 1501.047 | 105.530 |
| 2003/06/03 | 08:42:59 | 1.3500 | 1535.374 | 105.948 |
| 2003/06/03 | 08:44:29 | 1.3750 | 1643.371 | 106.362 |
| 2003/06/03 | 08:45:59 | 1.4000 | 1669.050 | 106.808 |
| 2003/06/03 | 08:47:29 | 1.4250 | 1601.322 | 107.271 |
| 2003/06/03 | 08:48:59 | 1.4500 | 1611.832 | 107.753 |
| 2003/06/03 | 08:50:29 | 1.4750 | 1588.842 | 108.216 |
| 2003/06/03 | 08:51:59 | 1.5000 | 1580.306 | 108.631 |
| 2003/06/03 | 08:53:29 | 1.5250 | 1575.005 | 108.975 |
| 2003/06/03 | 08:54:59 | 1.5500 | 1571.250 | 109.278 |
| Inital HYD | | | | |
| 2003/06/03 | 08:56:14 | 1.5708 | 1673.547 | 109.481 |

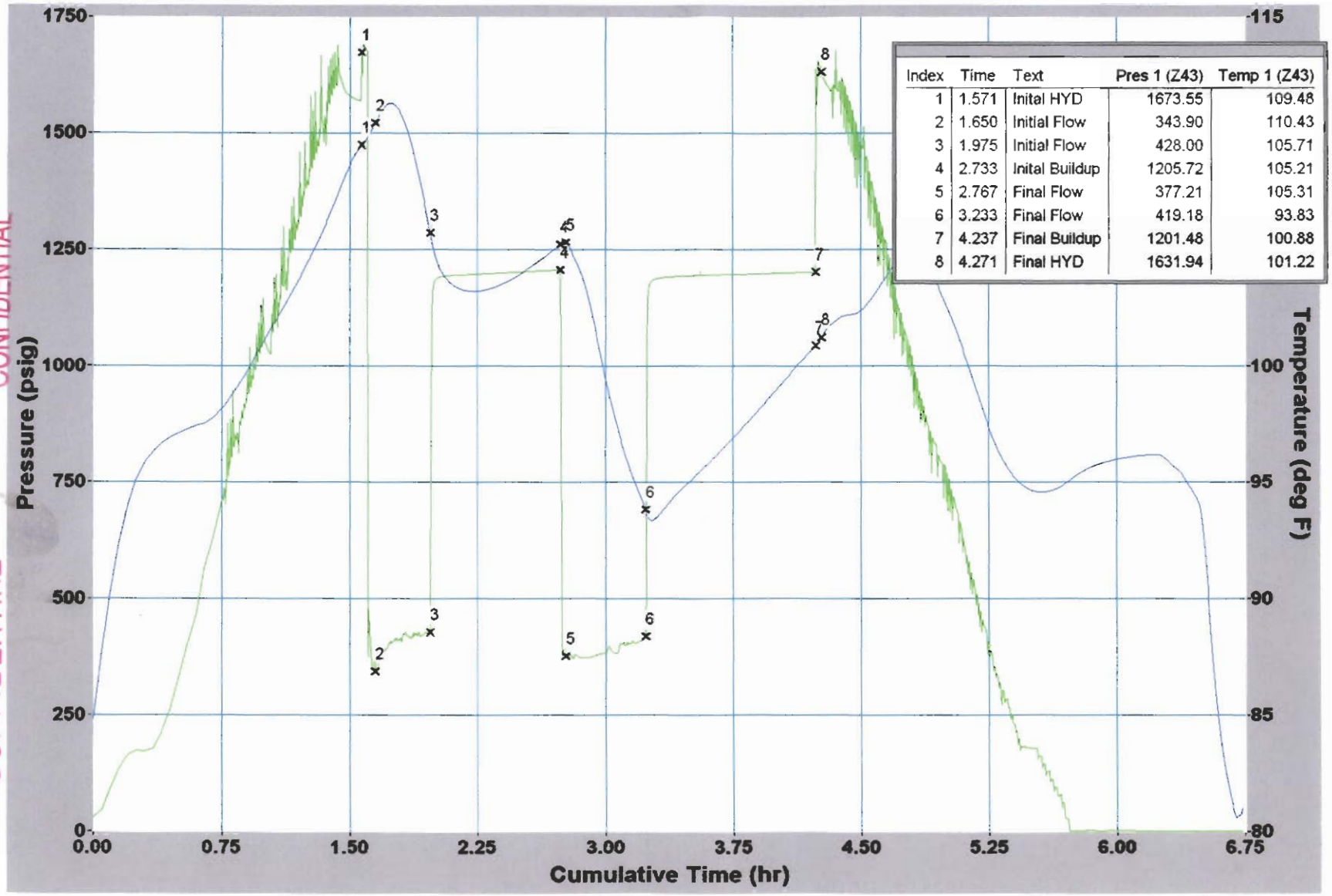
| Date | Time | Cum. T. 1 (Z43) | Pres 1 (Z43) | Temp 1 (Z43) |
|---|---|---|---|---|
| | | hr | psig | deg F |
| 2003/06/03 | 08:56:29 | 1.5750 | 1627.778 | 109.521 |
| 2003/06/03 | 08:57:59 | 1.6000 | 1678.624 | 109.742 |
| 2003/06/03 | 08:59:29 | 1.6250 | 382.856 | 110.111 |
| Initial Flow | | | | |
| 2003/06/03 | 09:00:59 | 1.6500 | 343.899 | 110.430 |
| 2003/06/03 | 09:02:29 | 1.6750 | 366.815 | 110.768 |
| 2003/06/03 | 09:03:59 | 1.7000 | 387.448 | 111.069 |
| 2003/06/03 | 09:05:29 | 1.7250 | 399.497 | 111.254 |
| 2003/06/03 | 09:06:59 | 1.7500 | 407.211 | 111.272 |
| 2003/06/03 | 09:08:29 | 1.7750 | 416.484 | 111.135 |
| 2003/06/03 | 09:09:59 | 1.8000 | 416.330 | 110.829 |
| 2003/06/03 | 09:11:29 | 1.8250 | 425.468 | 110.401 |
| 2003/06/03 | 09:12:59 | 1.8500 | 419.947 | 109.850 |
| 2003/06/03 | 09:14:29 | 1.8750 | 418.437 | 109.155 |
| 2003/06/03 | 09:15:59 | 1.9000 | 419.941 | 108.351 |
| 2003/06/03 | 09:17:29 | 1.9250 | 421.546 | 107.492 |
| 2003/06/03 | 09:18:59 | 1.9500 | 427.560 | 106.610 |
| Initial Flow | | | | |
| 2003/06/03 | 09:20:29 | 1.9750 | 427.999 | 105.712 |
| 2003/06/03 | 09:21:59 | 2.0000 | 1183.294 | 104.788 |
| 2003/06/03 | 09:23:29 | 2.0250 | 1190.106 | 104.254 |
| 2003/06/03 | 09:24:59 | 2.0500 | 1192.140 | 103.910 |
| 2003/06/03 | 09:26:29 | 2.0750 | 1193.285 | 103.676 |
| 2003/06/03 | 09:27:59 | 2.1000 | 1194.104 | 103.507 |
| 2003/06/03 | 09:29:29 | 2.1250 | 1194.601 | 103.390 |
| 2003/06/03 | 09:30:59 | 2.1500 | 1194.989 | 103.302 |
| 2003/06/03 | 09:32:29 | 2.1750 | 1195.360 | 103.246 |
| 2003/06/03 | 09:33:59 | 2.2000 | 1195.762 | 103.206 |
| 2003/06/03 | 09:35:29 | 2.2250 | 1196.266 | 103.197 |
| 2003/06/03 | 09:36:59 | 2.2500 | 1196.730 | 103.197 |
| 2003/06/03 | 09:38:29 | 2.2750 | 1197.239 | 103.226 |
| 2003/06/03 | 09:39:59 | 2.3000 | 1197.685 | 103.267 |
| 2003/06/03 | 09:41:29 | 2.3250 | 1198.230 | 103.320 |
| 2003/06/03 | 09:42:59 | 2.3500 | 1198.747 | 103.377 |
| 2003/06/03 | 09:44:29 | 2.3750 | 1199.250 | 103.451 |
| 2003/06/03 | 09:45:59 | 2.4000 | 1199.758 | 103.537 |
| 2003/06/03 | 09:47:29 | 2.4250 | 1200.274 | 103.624 |
| 2003/06/03 | 09:48:59 | 2.4500 | 1200.754 | 103.717 |
| 2003/06/03 | 09:50:29 | 2.4750 | 1201.226 | 103.825 |
| 2003/06/03 | 09:51:59 | 2.5000 | 1201.714 | 103.944 |
| 2003/06/03 | 09:53:29 | 2.5250 | 1202.179 | 104.065 |
| 2003/06/03 | 09:54:59 | 2.5500 | 1202.656 | 104.196 |
| 2003/06/03 | 09:56:29 | 2.5750 | 1203.108 | 104.320 |
| 2003/06/03 | 09:57:59 | 2.6000 | 1203.564 | 104.452 |
| 2003/06/03 | 09:59:29 | 2.6250 | 1203.973 | 104.583 |
| 2003/06/03 | 10:00:59 | 2.6500 | 1204.411 | 104.724 |
| 2003/06/03 | 10:02:29 | 2.6750 | 1204.857 | 104.864 |
| 2003/06/03 | 10:03:59 | 2.7000 | 1205.251 | 105.012 |
| 2003/06/03 | 10:05:29 | 2.7250 | 1205.648 | 105.152 |
| Inital Buildup | | | | |

| Date | Time | Cum. T. 1 (Z43) | Pres 1 (Z43) | Temp 1 (Z43) |
|---|---|---|---|---|
| | | hr | psig | deg F |
| 2003/06/03 | 10:05:59 | 2.7333 | 1205.722 | 105.208 |
| 2003/06/03 | 10:06:59 | 2.7500 | 390.663 | 105.372 |
| Final Flow | | | | |
| 2003/06/03 | 10:07:59 | 2.7667 | 377.215 | 105.307 |
| 2003/06/03 | 10:08:29 | 2.7750 | 372.969 | 105.217 |
| 2003/06/03 | 10:09:59 | 2.8000 | 375.896 | 104.902 |
| 2003/06/03 | 10:11:29 | 2.8250 | 379.559 | 104.522 |
| 2003/06/03 | 10:12:59 | 2.8500 | 373.961 | 104.083 |
| 2003/06/03 | 10:14:29 | 2.8750 | 373.280 | 103.532 |
| 2003/06/03 | 10:15:59 | 2.9000 | 374.372 | 102.830 |
| 2003/06/03 | 10:17:29 | 2.9250 | 376.874 | 102.020 |
| 2003/06/03 | 10:18:59 | 2.9500 | 379.952 | 101.156 |
| 2003/06/03 | 10:20:29 | 2.9750 | 382.297 | 100.263 |
| 2003/06/03 | 10:21:59 | 3.0000 | 383.818 | 99.414 |
| 2003/06/03 | 10:23:29 | 3.0250 | 393.351 | 98.607 |
| 2003/06/03 | 10:24:59 | 3.0500 | 383.133 | 97.869 |
| 2003/06/03 | 10:26:29 | 3.0750 | 398.700 | 97.158 |
| 2003/06/03 | 10:27:59 | 3.1000 | 403.596 | 96.521 |
| 2003/06/03 | 10:29:29 | 3.1250 | 400.140 | 95.936 |
| 2003/06/03 | 10:30:59 | 3.1500 | 404.314 | 95.400 |
| 2003/06/03 | 10:32:29 | 3.1750 | 405.559 | 94.899 |
| 2003/06/03 | 10:33:59 | 3.2000 | 409.961 | 94.415 |
| 2003/06/03 | 10:35:29 | 3.2250 | 417.331 | 93.970 |
| Final Flow | | | | |
| 2003/06/03 | 10:35:59 | 3.2333 | 419.183 | 93.826 |
| 2003/06/03 | 10:36:59 | 3.2500 | 1164.487 | 93.481 |
| 2003/06/03 | 10:38:29 | 3.2750 | 1185.402 | 93.378 |
| 2003/06/03 | 10:39:59 | 3.3000 | 1188.698 | 93.526 |
| 2003/06/03 | 10:41:29 | 3.3250 | 1190.266 | 93.747 |
| 2003/06/03 | 10:42:59 | 3.3500 | 1191.250 | 93.965 |
| 2003/06/03 | 10:44:29 | 3.3750 | 1191.923 | 94.174 |
| 2003/06/03 | 10:45:59 | 3.4000 | 1192.384 | 94.377 |
| 2003/06/03 | 10:47:29 | 3.4250 | 1192.843 | 94.573 |
| 2003/06/03 | 10:48:59 | 3.4500 | 1193.229 | 94.764 |
| 2003/06/03 | 10:50:29 | 3.4750 | 1193.539 | 94.937 |
| 2003/06/03 | 10:51:59 | 3.5000 | 1193.840 | 95.113 |
| 2003/06/03 | 10:53:29 | 3.5250 | 1194.077 | 95.286 |
| 2003/06/03 | 10:54:59 | 3.5500 | 1194.280 | 95.457 |
| 2003/06/03 | 10:56:29 | 3.5750 | 1194.473 | 95.625 |
| 2003/06/03 | 10:57:59 | 3.6000 | 1194.734 | 95.799 |
| 2003/06/03 | 10:59:29 | 3.6250 | 1194.979 | 95.970 |
| 2003/06/03 | 11:00:59 | 3.6500 | 1195.206 | 96.148 |
| 2003/06/03 | 11:02:29 | 3.6750 | 1195.460 | 96.325 |
| 2003/06/03 | 11:03:59 | 3.7000 | 1195.719 | 96.516 |
| 2003/06/03 | 11:05:29 | 3.7250 | 1195.977 | 96.699 |
| 2003/06/03 | 11:06:59 | 3.7500 | 1196.256 | 96.885 |
| 2003/06/03 | 11:08:29 | 3.7750 | 1196.486 | 97.079 |
| 2003/06/03 | 11:09:59 | 3.8000 | 1196.783 | 97.286 |
| 2003/06/03 | 11:11:29 | 3.8250 | 1197.066 | 97.484 |
| 2003/06/03 | 11:12:59 | 3.8500 | 1197.311 | 97.684 |

| Date | Time | Cum. T. 1 (Z43) | Pres 1 (Z43) | Temp 1 (Z43) |
|---|---|---|---|---|
| | | hr | psig | deg F |
| 2003/06/03 | 11:14:29 | 3.8750 | 1197.597 | 97.893 |
| 2003/06/03 | 11:15:59 | 3.9000 | 1197.880 | 98.101 |
| 2003/06/03 | 11:17:29 | 3.9250 | 1198.149 | 98.310 |
| 2003/06/03 | 11:18:59 | 3.9500 | 1198.424 | 98.508 |
| 2003/06/03 | 11:20:29 | 3.9750 | 1198.708 | 98.715 |
| 2003/06/03 | 11:21:59 | 4.0000 | 1198.978 | 98.928 |
| 2003/06/03 | 11:23:29 | 4.0250 | 1199.262 | 99.138 |
| 2003/06/03 | 11:24:59 | 4.0500 | 1199.536 | 99.349 |
| 2003/06/03 | 11:26:29 | 4.0750 | 1199.830 | 99.554 |
| 2003/06/03 | 11:27:59 | 4.1000 | 1200.094 | 99.763 |
| 2003/06/03 | 11:29:29 | 4.1250 | 1200.376 | 99.982 |
| 2003/06/03 | 11:30:59 | 4.1500 | 1200.610 | 100.173 |
| 2003/06/03 | 11:32:29 | 4.1750 | 1200.867 | 100.377 |
| 2003/06/03 | 11:33:59 | 4.2000 | 1201.123 | 100.584 |
| 2003/06/03 | 11:35:29 | 4.2250 | 1201.354 | 100.778 |
| Final Buildup | | | | |
| 2003/06/03 | 11:36:14 | 4.2375 | 1201.478 | 100.875 |
| 2003/06/03 | 11:36:59 | 4.2500 | 1600.994 | 100.951 |
| Final HYD | | | | |
| 2003/06/03 | 11:38:14 | 4.2708 | 1631.939 | 101.219 |
| 2003/06/03 | 11:38:29 | 4.2750 | 1627.949 | 101.280 |
| 2003/06/03 | 11:39:59 | 4.3000 | 1607.789 | 101.559 |
| 2003/06/03 | 11:41:29 | 4.3250 | 1592.580 | 101.757 |
| 2003/06/03 | 11:42:59 | 4.3500 | 1596.639 | 101.914 |
| 2003/06/03 | 11:44:29 | 4.3750 | 1611.980 | 102.060 |
| 2003/06/03 | 11:45:59 | 4.4000 | 1609.827 | 102.135 |
| 2003/06/03 | 11:47:29 | 4.4250 | 1577.854 | 102.169 |
| 2003/06/03 | 11:48:59 | 4.4500 | 1550.263 | 102.193 |
| 2003/06/03 | 11:50:29 | 4.4750 | 1515.266 | 102.250 |
| 2003/06/03 | 11:51:59 | 4.5000 | 1476.613 | 102.366 |
| 2003/06/03 | 11:53:29 | 4.5250 | 1381.506 | 102.533 |
| 2003/06/03 | 11:54:59 | 4.5500 | 1416.916 | 102.749 |
| 2003/06/03 | 11:56:29 | 4.5750 | 1375.406 | 103.008 |
| 2003/06/03 | 11:57:59 | 4.6000 | 1215.674 | 103.307 |
| 2003/06/03 | 11:59:29 | 4.6250 | 1299.866 | 103.584 |
| 2003/06/03 | 12:00:59 | 4.6500 | 1254.760 | 103.856 |
| 2003/06/03 | 12:02:29 | 4.6750 | 1145.800 | 104.121 |
| 2003/06/03 | 12:03:59 | 4.7000 | 1171.185 | 104.342 |
| 2003/06/03 | 12:05:29 | 4.7250 | 1124.032 | 104.513 |
| 2003/06/03 | 12:06:59 | 4.7500 | 1026.109 | 104.617 |
| 2003/06/03 | 12:08:29 | 4.7750 | 1055.210 | 104.652 |
| 2003/06/03 | 12:09:59 | 4.8000 | 1018.862 | 104.652 |
| 2003/06/03 | 12:11:29 | 4.8250 | 916.708 | 104.592 |
| 2003/06/03 | 12:12:59 | 4.8500 | 877.040 | 104.497 |
| 2003/06/03 | 12:14:29 | 4.8750 | 868.294 | 104.340 |
| 2003/06/03 | 12:15:59 | 4.9000 | 808.512 | 104.133 |
| 2003/06/03 | 12:17:29 | 4.9250 | 837.665 | 103.820 |
| 2003/06/03 | 12:18:59 | 4.9500 | 809.265 | 103.455 |
| 2003/06/03 | 12:20:29 | 4.9750 | 791.062 | 103.023 |
| 2003/06/03 | 12:21:59 | 5.0000 | 708.762 | 102.585 |

| | |
|---|---|
| **Company Name** | Bartelson Oil |
| **Well Name** | Weishaar 4- G |
| **Type of Test** | DST#1 2981' to 3007' |
| **Date(s) of Test** | 6-3-2003 |

# 6-3-2003 DST#1 Weishaar 4- G




| Index | Time | Text | Pres 1 (Z43) | Temp 1 (Z43) |
|---|---|---|---|---|
| 1 | 1.571 | Inital HYD | 1673.55 | 109.48 |
| 2 | 1.650 | Initial Flow | 343.90 | 110.43 |
| 3 | 1.975 | Initial Flow | 428.00 | 105.71 |
| 4 | 2.733 | Inital Buildup | 1205.72 | 105.21 |
| 5 | 2.767 | Final Flow | 377.21 | 105.31 |
| 6 | 3.233 | Final Flow | 419.18 | 93.83 |
| 7 | 4.237 | Final Buildup | 1201.48 | 100.88 |
| 8 | 4.271 | Final HYD | 1631.94 | 101.22 |

Form G-2
(Rev. 1/88)

# KANSAS CORPORATION COMMISSION
# ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

*(See Instructions on Reverse Side)*

Type Test: Open Flow / Deliverability — Test Date: 6-30-03 — API No. 15: 191-22399-0000

Company: BK METALS, INC. — Lease: WEISHAAR — Well Number: WEISHAAR 4-G

County: SUMNER — Location: SW¼ — Section: 24 — TWP: 32S — RNG (E)(W): 4 — Acres Attributed: 240

Field: LOVE FIELD — Reservoir: STALNAKER — Gas Gathering Connection: WESTERN GAS

Completion Date: 6-13-03 — Plug Back Total Depth: 3007 — Packer Set at: 2976

Casing Size: 5½" — Weight: 15.5 — Internal Diameter: 4.875 — Set at: 3004 — Perforations: OPEN HOLE — To

Tubing Size: 2⅜" — Weight: 4.6 — Internal Diameter: 2" — Set at: 2976 — Perforations: N/A — To

Type Completion (Describe): OPEN HOLE FLOWING GAS WELL — Type Fluid Production: GAS — Pump Unit or Traveling Plunger? Yes / (No)

Producing Thru (Annulus / (Tubing)) — % Carbon Dioxide: .15 — % Nitrogen: 3.81 — Gas Gravity - $G_g$: .6737

Vertical Depth(H): 3007 — Pressure Taps — (Meter Run) (Prover) Size: 2"

Pressure Buildup: Shut in _____ 19 ___ at _____ (AM) (PM) Taken _____ 19 at _____ (AM) (PM)

Well on Line: Started _____ 19 ___ at _____ (AM) (PM) Taken _____ 19 at _____ (AM) (PM)

KANSAS CORPORATION COMMISSION
ONE POINT STABLIZED OPEN FLOW OR DELIVERABILITY TEST

FORM G-2
(Rev.8/98)

TYPE TEST:
☒ Open Flow
☒ Deliverability

TEST DATE: 7-1-2003 API No. 191-22399-0000

| Company | Lease | Well Number |
|---|---|---|
| BK Metals, Inc | Weishaar | 4-G |

| County | Location | Section | TWP | RNG(E/W) | Acres Attributed |
|---|---|---|---|---|---|
| Sumner | SW 1/4 | 24 ~~28~~ 32 | 34s | 4w | 240 |

| Field | Reservoir | Gas Gathering Connection |
|---|---|---|
| Love Field | Stalnaker | Western Gas |

| Completion Date | Plug Back Total Depth | Packer Set at |
|---|---|---|
| 6-13-03 | 3007 | 2976 |

| Casing Size | Weight | Internal Diameter | Set at | Perforations | To |
|---|---|---|---|---|---|
| 5.500 | 15.500 | 4.875 | 3004 | 3004 | 3007 |

| Tubing Size | Weight | Internal Diameter | Set at | Perforations | To |
|---|---|---|---|---|---|
| 2.300 | 4.500 | 2.000 | 2976 | | |

| Type Completion (Describe) | Type Fluid Production | Pump Unit or Traveling Plunger? |
|---|---|---|
| Open Hole | Gas | |

| Producing Thru(Annulus/Tubing) | % Carbon Dioxide | % Nitrogen | Gas Gravity- Gg |
|---|---|---|---|
| tubing | .150 | 3.810 | .674 |

| Vertical Depth (H) | Pressure Taps | Meter Run Size |
|---|---|---|
| 3009 | flange | 2 |

| | | | |
|---|---|---|---|
| Pressure Buildup: Shut in | 6-27-03 @ 12:00 | TAKEN | 6-30-03 @ 12:45 |
| Well on Line: Started | 6-30-03 @ 12:45 | TAKEN | 7-1-03 @ 16:00 |

## OBSERVED SURFACE DATA

| Static/ Dynamic Property | Orifice Size in. | Meter Pressure psig | Pressure Diff. In. $H_2O$ | Flowing Temp. t. | WellHead Temp. t. | Casing WellHead Press. $(P_w)$ $(P_t)$ $(P_c)$ psig | Casing WellHead Press. psia | Tubing WellHead Press. $(P_w)$ $(P_t)$ $(P_c)$ psig | Tubing WellHead Press. psia | Duration (Hours) | Liquid Prod. Barrels |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Shut-in | | | | | | | | 1110 | 1124 | 72.0 | |
| Flow | .875 | 76.0 | 32.80 | 100 | | | | 910 | 924 | 24.0 | |

## FLOW STREAM ATTRIBUTES

| COEFFICIENT $(F_b)$ Mcfd | (METER) PRESSURE psia | EXTENSION $\sqrt{P_m \times H_w}$ | GRAVITY FACTOR Fg | FLOWING TEMP FACTOR Ft | DEVIATION FACTOR Fpv | RATE OF FLOW R Mcfd | GOR | $G_m$ |
|---|---|---|---|---|---|---|---|---|
| 3.824 | 90.4 | 54.45 | 1.2181 | .9636 | 1.0066 | 246 | | .674 |

## (OPEN FLOW)(DELIVERABILITY) CALCULATIONS

$(Pc)^2$ = 1264.3 $(Pw)^2$ = 855.3 Pd = 6.8 % (Pc - 14.4) + 14.4 = $(Pa)^2$ = 0.207 $(Pd)^2$ = 5.78

| $(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$ | $(P_c)^2 - (P_w)^2$ | $\frac{(P_c)^2 - (P_a)^2 \text{ or } (P_c)^2 - (P_d)^2}{(P_c)^2 - (P_w)^2}$ | LOG [ ] | Backpressure Curve Slope"n" ---- or ---- Assigned Standard Slope | n x LOG [ ] | Antilog | Open Flow Deliverability = R x Antilog Mcfd |
|---|---|---|---|---|---|---|---|
| 1264.07 | 409.02 | 3.090 | .4900 | .879 | .4307 | 2.696 | 663 |
| 1258.50 | 409.02 | 3.077 | .4881 | .879 | .4290 | 2.686 | 660 |

OPEN FLOW 663 Mcfd @ 14.65 psia DELIVERABILITY 660 Mcfd @ 14.65 psia

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated herein and that said report is true and correct. Executed this the 3 day of July, 20 03

Witness (if any)

For Company

For Commission

Checked by