

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1137725

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License # | | API No. 15 |
|--|---|---|
| Name: | | Spot Description: |
| Address 1: | | |
| | | Feet from North / South Line of Section |
| City: Sta | ate: Zip:+ | Feet from Cast / West Line of Section |
| - | | Footages Calculated from Nearest Outside Section Corner: |
| Phone: () | | |
| | | County: |
| | | Lease Name: Well #: |
| | | Field Name: |
| - | | |
| | | Producing Formation: |
| Designate Type of Completion: | | Elevation: Ground: Kelly Bushing: |
| New Well | Entry Workover | Total Depth: Plug Back Total Depth: |
| Oil WSW | SWD SIOW | Amount of Surface Pipe Set and Cemented at: Feet |
| Gas D&A | ENHR SIGW | Multiple Stage Cementing Collar Used? |
| OG | GSW Temp. Abd. | If yes, show depth set: Feet |
| CM (Coal Bed Methane) | | If Alternate II completion, cement circulated from: |
| Cathodic Other (Core | e, Expl., etc.): | feet depth to:w/sx cmt. |
| If Workover/Re-entry: Old Well Infe | o as follows: | |
| Operator: | | Drilling Fluid Menonement Dien |
| Well Name: | | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Original Comp. Date: | Original Total Depth: | |
| Deepening Re-perf. | | Chloride content: ppm Fluid volume: bbls |
| | Conv. to GSW | Dewatering method used: |
| Plug Back: | Plug Back Total Depth | Location of fluid disposal if hauled offsite: |
| Commingled | Permit #: | Operator Name: |
| Dual Completion | Permit #: | |
| SWD | Permit #: | Lease Name: License #: |
| ENHR | Permit #: | Quarter Sec TwpS. R East West |
| GSW | Permit #: | County: Permit #: |
| | | |
| Spud Date or Date Rea Recompletion Date | Completion Date or Recompletion Date | |

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

| KCC Office Use ONLY |
|------------------------------------|
| Letter of Confidentiality Received |
| Date: |
| Confidential Release Date: |
| Wireline Log Received |
| Geologist Report Received |
| UIC Distribution |
| ALT I II Approved by: Date: |
| |

| | Side Two | 1137725 |
|-----------------------|-------------|---------|
| Operator Name: | Lease Name: | Well #: |
| Sec TwpS. R East West | County: | |
| | | |

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

| Drill Stem Tests Taken (Attach Additional Sheets) | | Yes No | | | n (Top), Depth an | Datum | |
|---|----------------------|---|--------------------------|--------------------|-------------------|-----------------|-------------------------------|
| Samples Sent to Geolog | ical Survey | Yes No | INdill | Name | | Тор | Datum |
| Cores Taken Electric Log Run Electric Log Submitted Electronically <i>(If no, Submit Copy)</i> | | Yes No Yes No Yes No | | | | | |
| List All E. Logs Run: | | | | | | | |
| | | CASING | RECORD Ne | ew Used | | | |
| | | Report all strings set- | conductor, surface, inte | ermediate, product | ion, etc. | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | |

ADDITIONAL CEMENTING / SQUEEZE RECORD

| Purpose: Perforate | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
|-----------------------------|---------------------|----------------|--------------|----------------------------|
| Protect Casing Plug Back TD | | | | |
| Plug Off Zone | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | | | | | | ement Squeeze Record | Depth | | |
|--------------------------------------|---|----------------|------------------|-----------------|---------|------------------------------|----------------------|-----------------|---------------|---------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | Siz | :e: | Set At: | | Packer | At: | Liner R | un: | No | |
| Date of First, Resumed Pr | roducti | on, SWD or ENH | ۲. | Producing M | lethod: | oing | Gas Lift | Other (Explain) | | |
| Estimated Production Per 24 Hours | | Oil Bb | ls. | Gas | Mcf | Wate | ər | Bbls. | Gas-Oil Ratio | Gravity |
| | | | | | | | | | 1 | |
| DISPOSITION OF GAS: | | | METHOD OF COMPLE | | TION: | | PRODUCTION IN | TERVAL: | | |
| Vented Sold Used on Lease | | | | | | Commingled (Submit ACO-4) | | | | |
| (If vented, Subm | nit ACO | -18.) | | Other (Specify) | | | | | | |

| Form | ACO1 - Well Completion |
|-----------|------------------------|
| Operator | Gore Oil Company |
| Well Name | Stahl Trust 1 |
| Doc ID | 1137725 |

All Electric Logs Run

| Compensated Density/Neutron Log |
|---------------------------------|
| Sonic Log |
| Micro Log |
| Dual Induction Log |

| | CONCOLIDAT | | | | | | 20100 |
|--|--------------------------------|--|----------------------------------|---------------------------|---------------------------------------|--|--|
| | | ue s | | | | | <u>39102</u> |
| | | | | | | Oakle | |
| PO Box 884, (| Chanute, KS 66720 | FIELD TICI | KET & TRF4 | TMENT REP | FOREMAN | Watt | Diulco |
| 620-431-9210 | or 800-467-8676 | | CEMER | | | | |
| DATE | CUSTOMER # | WELL NAME & N | UMBER | SECTION | TOWNSHIP | DANOT | |
| 10-27-12 | 3373 | Stahl True | + #1 | 11 | 95 | RANGE | COUNTY |
| CUSTOMER | a la | | P-vills | | <u> </u> | 18 W | Rook |
| MAILING ADDR | ess Of Ca | | | TRUCK # | DRIVER | TRUCK # | DRIVER |
| | | | 4N | 399 | Damon | nill | |
| CITY | STA | TE ZIP CODE | - 'be | 566 | Tim Wa | celiam | |
| | | | 145 | | | | |
| | Face HOL | E SIZE 12/14 | HOLE DEPTI | L | | | |
| CASING DEPTH | | LL PIPE | | Η | CASING SIZE & W | EIGHT | 5/8-231 |
| SLURRY WEIGH | | | | | · · · · · · · · · · · · · · · · · · · | OTHER | |
| | 1 | PLACEMENT PSI | WATER gal/s | | CEMENT LEFT in | | 5-20' |
| REMARKS: 5 | | us rig up | NA FOI | 1 1 | RATE 5 B | | |
| MIX 1 | 80 TKS COM | 1. 3960-29 | on mayo | alek 108 | erc (| asung c | in potton |
| | | | er Dise | Vace 15 12 | 2 BIL Hac | 27 Shu | + in |
| · · · · | | Com | + Di | 1 Circ | | | · · · · · · · · · · · · · · · · · · · |
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| ACCOUNT | | | | | Thank | You | |
| ACCOUNT | QUANITY or UN | IITS | DESCRIPTION of | SERVICES or PRO | Thank Watt | You tore | |
| | QUANITY or UN | | | SERVICES or PRO | Thank Walt DUCT | You Southernord | TOTAL |
| CODE | QUANITY or UN | PUMP CHAF | | SERVICES or PRO | Thank Walt DUCT | 1,08500 | 40850 |
| CODE | 40 | PUMP CHAP MILEAGE | RGE | | Thank Walt DUCT | 1,08500 | |
| CODE 54015 5406 | 1 40 180 | PUMP CHAP MILEAGE | RGE S A Com | aut | Thank Walt DUCT | 1,08500 500 1765 | 40850 |
| CODE 54015 5406 11045 | 1 40 180 507# | PUMP CHAP MILEAGE SK3 Clas F Calc | RGE S A Com | | Thank Walt DUCT | 108500 500 1765 189 | 40850 |
| CODE 54015 5406 11045 1102 11183 | 40 80 .507# 338# | PUMP CHAP MILEAGE SKS Clas F Calc F Calc | RGE S A Comu Lum Ch | aut | Thank Lucht DUCT | 108500 500 1765 189 125 | 40850 |
| CODE 54015 5406 11045 1102 | 1 40 180 507# | PUMP CHAP MILEAGE SKS Clas F Calc F Calc | RGE S A Com | aut | Thank Walt DUCT | 108500 500 1765 189 | 40850 |
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| CODE 54015 5406 11045 1102 11183 | 40 80 .507# 338# | PUMP CHAP MILEAGE SKS Clas F Calc F Calc | RGE S A Comu Lum Ch | aut | | 108500 500 1765 189 125 167 | 40850 |
| CODE 54015 5406 11045 1102 11183 | 40 80 .507# 338# | PUMP CHAP MILEAGE SKS Clas F Calc F Calc | RGE S A Comu Ch Milanzo | ent- Lorido Dalivay | | 108500 500 1765 189 125 167 | 40850 |
| CODE 54015 5406 11045 1102 11183 | 40 80 .507# 338# | PUMP CHAP MILEAGE SKS Clas F Calc F Calc | RGE S A Comu Ch Milanzo | aut | | 108500 500 1765 189 125 167 | 40850 |
| CODE 54015 5406 11045 1102 11183 | 40 80 .507# 338# | PUMP CHAP MILEAGE SKS Clas F Calc F Calc | RGE S A Comu Ch Milanzo | ent- Lorido Dalivay | | 108500 500 1765 189 125 167 | 40850 2000 3,177 45123 8450 56520 56520 5,56293 |
| CODE 54015 5406 11045 1102 11183 | 40 80 .507# 338# | PUMP CHAP MILEAGE SKS Clas F Calc F Calc | RGE S A Comu Ch Milanzo | ent- Lorido Dalivay | | 1 085 00 5 00 17 65 189 125 1 67 | 40850 |
| CODE 54015 54015 11045 1102 111873 5407A | 40 80 .507# 338# | PUMP CHAP MILEAGE SKS Clas F Calc F Calc | RGE SA Comu Less | ent- Lorido Dalivay | 5 5 5 6 | 1 085 00 5 00 17 65 189 125 167 167 SALES TAX | 1,085 9 2009 3,177 45123 8450 56520 56520 56520 56520 56520 56520 56520 56520 56520 56520 56520 |

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

15UMIL

| TICKET NUMBER | 37275 |
|---------------|-----------|
| LOCATION Oc | they US |
| | Tiles Sha |

IA.C

COUNT

| | hanute, KS 667 or 800-467-8676 | _ | FIELD TICKET & TREATMENT REPOR | | | | |
|---------|-----------------------------------|--------------------|--------------------------------|-----|--|--|--|
| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | Тто | | | |
| 11-4-12 | 3373 | Stahl trust#1 | 11 | 5 | | | |

| CEMEN | 1 | | |
|--------------|---------|----------|-------|
| AME & NUMBER | SECTION | TOWNSHIP | RANGE |
| L#1 | 11 | ac | 1911 |

| CUSTOMER | I J TUR | Trust | / | | 45 | 180 | Revells |
|--|--------------------------|----------------|-----------------|---------|-------------------|-----------|----------|
| MAILING ADDRESS |] | · | NHURDT 13EKS | TRUCK # | DRIVER Dames M | TRUCK # | DRIVER |
| СІТҮ | STATE | ZIP CODE | N.S | 566 | TIM W | | |
| 2 plus assus | 1410' | 1. 4 NT PSI | MIX PSI | k | CEMENT LEFT in (| OTHER | sasadrin |
| 319 100542 @ 41 40545 @ Tup 10545 @ 4 RH305W M# 155L | 840' 310 v' w.H. W | ing | 6 | 945845 | 60/41 48g | s/ 14th f | lusal |

| ACCOUNT CODE | QUANITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | | TOTAL |
|-----------------|------------------|------------------------------------|--|-----------------|
| 540511 | / | PUMP CHARGE | 13200 | 1325.00 |
| 5406 | 45 | MILEAGE | 5 00 | 225.00 |
| 5407A | 10,53 | Ton Mitrase delivery | 1.67 | 791.55 |
| 113/ | 245 545 | 60/40 Por coment | 15.10 | 3699,50 |
| 1118B | 842# | Bentonite gel | 25 | 210,50 |
| 1107 | 61# | Flased | 2.82 | |
| 4432 | } | 83/8 Wooden plug | - 210 A 96. | 172,02 96,00 |
| | | <i>i i i i j</i> | 160 | 16. |
| | · · · · | | Subtate/ | 65 A. 51 |
| | | less 103 | dia 1 | 651.96 |
| | | | Subtesta/ | 5867.61 |
| Λ | | | | 2841.6 |
| | | | | 1 And |
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| | | | and a second | |
| | | | | |
| | | | | |
| avin 3737 | | | SALES TAX | 236.90 |
| | | | ESTIMATED | |
| | 2-1- | TITLE Toolpusher | TOTAL | 604.51 |
| | | mile 100/pugnar | DATE 11-4- | 2012 |

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



DRILL STEM TEST REPORT

Prepared For: Gore Oil Company

PO Box 2757 Wichita KS 67202 + 4518

ATTN: Larry M Jack

Stahl Trust #1

11-9s-18w Rooks,KS

Start Date: 2012.10.31 @ 04:48:03 End Date: 2012.10.31 @ 12:50:03 Job Ticket #: 51049 DST #: 1

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.11.13 @ 11:10:49

| | 0 552-GIb 0'03 0'03 0'58 |
|--|--|
| | |
| Choke (inches) Pressure (psig) Gas Rate (Mct/d | OO OC@W 50%C0 60%W J 32 3µ (µ) Description Aqinus (pp) |
| Gas Rates | Let (#) (#) |
| | мара и и и и и и и и и и и и и и и и и и |
| | |
| | |
| 167 1607.86 97.47 Final Hydro-static | |
| 196 \225'36 \62'30 Euq 2µr⊧lu(S) 151 \83'46 \62'30 2µr⊧lu(S) | |
| (2) wolf oT nagO 27.36 60.66 06 | |
| 06 55.86 95.86 End Shut In(1) | |
| 1 45.39 93.75 Open To Flow (1) 46 68.01 94.88 Shut-In(1) | |
| 0 1635.31 93.99 Initial Hydro-static 1 45.39 93.75 Open To Flow (1) | |
| Vin.) (pisq) (.ini | V) |
| me Pressure Temp Annotation | متعادمه، هتر المعادمة معادمة المعادمة المعادمة معادمة المعادمة المعاد |
| PRESSURE SUMMARY | |
| | FFP=Weak surface blow back FSI=Good blow BOB in 15 min FFP=Weak surface blow back |
| 56:14):80 @) 15.01.21:02 :m1/∃ 11O ∋miT 50:24: 56:10:11 @) 15.01.21:02 :m1/∃ 11O ∋miT | FFP=Weak surface blow back FFP=Weak surface blow back FSI=Good blow BOB in 15 min FFP=Weak surface blow back |
| 15.01.2102 tend. 5.01i6⊃1as5 15.01. 50:41:80 @ 15.01.2102 :m15 nO SmiT 50:24: 50:10:11 @ 15.01.2102 :m15 11O SmiT 50:24: 50:10:11 @ 15.01.2102 :m15 11O SmiT 50:24: 50:10:11 @ 15.01.2102 :m15 11O SmiT 50:24:25 (50:24) (50: | Time: 04:48:04 End Time: 12 FFP=Wesk surface blow back FSI=Good blow BOB in 15 min FFP=Wesk surface blow back FSI=Good blow BOB in 15 min FFP=Wesk surface blow back |
| .52:03 Time On Bim: 2012.10.31 @ 08:14:33 | Time: 04:48:04 End Time: 12 FFP=Weak surface blow back FSI=Good blow BOB in 15 min FFP=Weak surface blow back Time |
| 10.31 Last Calib.: 2012.10.31 @ 08:14:33 42:03 Time On Btm: 2012.10.31 @ 08:14:33 | Date: 2012.10.31 End Date: 2012. Time: 04:48:04 End Time: 12 FFP=Wesk surface blow back FSI=Good blow BOB in 15 min FFP=Wesk surface blow back 12 Pressure vs. Time Pressure vs. Time Pressure vs. Time Pressure vs. Time |
| KB to GRVCF: 8.00 ft Capacity: 2012.10.31 Capacity: 2012.10.31 .10.31 D8:14:33 | Diameter: 7.88 inchesHole Condition: Fair ial #: 8321 Inside S@RunDepth: 83.46 psig @ 3274.00 ft (KB) Date: 2012.10.31 End Date: 2012 Time: 04:48:04 End Time: 12 FFP=Weak surface blow back FSI=Good blow BOB in 15 min FFP=Weak surface blow back FFP=Weak surface blow back FFP=Weak surface blow back FFP=Weak surface blow back FFP=Meak surface blow back |
| .10.31 Last Calib.: 2012.10.31 8000.00 psig .10.31 Last Calib.: 2012.10.31 14:33 | Dismeter: 3292.00 ft (KB) (TVD) Dismeter: 7.88 inchesHole Condition: Fair Dismeter: 7.88 inchesHole Condition: Fair Isi 8321 Inside s@RunDepth: 83.46 psig 3274.00 ft (KB) Date: 2012.10.31 End Date: 2012 Time: 04:48:04 End Time: 2012 Time: 04:48:04 End Time: 2012 FFE=Weak surface blow BOB in 29 min FFE 2012 FFE=Weak surface blow Bock in 15 min FFE 2012 FFE=Weak surface blow Bock in 15 min FFE 2012 FFE=Weak surface blow Bock in 15 min FFE 2012 FFE FFE 500 blow BOB in 15 min 12 FFE FFE 500 blow BOB in 15 min 12 FFE FFE 500 blow BOB in 15 min 12 FFE FFE 500 blow BOB in 15 min 12 FFE FFE 500 blow BOB in 15 min 12 FFE FFE 500 blow BOB in 15 min 12 FFE FFE 500 blow BOB in 15 min 50 FFE |
| Reference Elevations: 2070.00 ft (KB) KB to GRVCF: 8.00 ft (CF) Capacity: 2012.10.31 8000.00 psig 2012.10.31 514:33 | Tval: 3292.00 ft (KB) To 3292.00 ft (KB) (TVD) Diameter: 3292.00 ft (KB) (TVD) Diameter: 7.88 inchesHole Condition: Fair Signation: 83.46 psig 3274.00 ft (KB) Date: 2012.10.31 End Date: 2012 Time: 04:48:04 End Date: 2012 Time: 04:48:04 End Time: 2012 Touch FF=Weak surface blow back 72 2012 Touch Ford blow BOB in 15 min 72 72 FFE=Weak surface blow back 72 72 72 Touch Ford blow BOB in 15 72 72 |
| .10.31 Last Calib.: 2012.10.31 8000.00 psig .10.31 Last Calib.: 2012.10.31 14:33 | Test Ended: 12:50:03 rval: 3237.00 ft (KB) To 3292.00 ft (KB) (TVD) Diameter: 3292.00 ft (KB) (TVD) Diameter: 7.88 inchesHole Condition: Fair Isimeter: 7.88 inchesHole Condition: Fair Diameter: 7.88 inchesHole Condition: Fair Inside 04:48:04 End Date: 2012 Date: 2012.10.31 End Date: 2012 Time: 04:48:04 End Date: 2012 Time: 04:48:04 End Time: 12 Time: 04:48:04 End Time: 12 Time: 04:48:04 End Time: 12 Time: 14:04 |
| Unit No: 44 Reference Elevations: 2070.00 ft (KB) RB to GRVCF: 8.00 ft Capacity: 2012.10.31 .10.31 Last Calib.: .10.31 Ds:14.33 | Tval: 3292.00 ft (KB) To 3292.00 ft (KB) (TVD) Diameter: 3292.00 ft (KB) (TVD) Diameter: 7.88 inchesHole Condition: Fair Signation: 83.46 psig 3274.00 ft (KB) Date: 2012.10.31 End Date: 2012 Time: 04:48:04 End Date: 2012 Time: 04:48:04 End Time: 2012 Touch FF=Weak surface blow back 72 2012 Touch Ford blow BOB in 15 min 72 72 FFE=Weak surface blow back 72 72 72 Touch Ford blow BOB in 15 72 72 |
| Tester: Jeff Brow n Unit No: 44 KB to GRVCF: 8000.00 ft (KB) Capacity: 2012.10.31 I.0.31 Last Calib.: I.10.31 D8:14:33 | Tool Opened: 08:15:03 Test Ended: 12:60:03 Tval: 3237.00 ft (KB) To 3292.00 ft (KB) (TVD) Depth: 3292.00 ft (KB) (TVD) Diameter: 7.88 inchesHole Condition: Fair Diameter: 7.88 inchesHole Condition: Fair Diameter: 7.88 inchesHole Condition: Fair Date: 2012.10.31 End Date: 2012 Date: 2012.10.31 End Date: 2012 Time: 04:48:04 End Time: 12 |
| Tester: Jeff Brow n Unit No: 44 KB to GRVCF: 8000.00 ft (KB) Capacity: 2012.10.31 I.0.31 Last Calib.: I.10.31 D8:14:33 | Red: No Whipstock: ft (KB) Tool Opened: 08:15:03 Tool Opened: 08:15:03 Test Ended: 12:50:03 Depth: 3292.00 ft (KB) To 3292.00 ft (KB) Depth: 3292.00 ft (KB) (TVD) Date: 7.88 inchesHole Condition: Fair Date: 7.88 inchesHole Condition: Fair Diameter: 7.88 inchesHole Condition: Fair Date: 2012.10.31 End Date: 2012 Date: 2012.10.31 End Date: 2012 Date: 2012.10.31 End Date: 2012 Time: 04:48:04 End Time: 2012 FFP=Weak surface blow BOB in 29 min FGe odd blow BOB in 29 min 12 FFP=Weak surface blow back FGe odd blow BOB in 15 min 12 FFP=Weak surface blow back FGH for 15 min 12 FFF Weak surface blow back 13 14 FFF FFF FFF 15 12 |
| Test Start: 2012.10.31 @ 04:48:03 Test Type: Conventional Bottom Hole (Initial) Tester: Jeft Brow n Drit No: 44 Reference Bevations: 2070.00 ft (KB) Reference Bevations: 2070.00 ft (CF) (Capacity: 2012.10.31 @ 0519 (Capacity: 2012.10.31 ft (CF) 10.31 Last Calib.: 2012.10.31 ft (CF) (2012.10.31 | Pation: Lansing-A-B-C ated: No Whipstock: ft (KB) Tool Opened: 08:15:03 Test Ended: 12:50:03 Tval: 3237.00 ft (KB) To 3292.00 ft (KB) (TVD) Dismeter: 7.86 inchesHole Condition: Fair Dismeter: 7.86 inchesHole Condition: Fair Pate: 2012.10.31 End Dister Pate: 2012.10.31 End Dister Dismeter: 7.86 inchesHole Condition: Fair Pate: 2012.10.31 End Dister Pate: 2012.10.31 End Dister Pate: 2012.10.31 End Dister Dismeter: 7.86 inchesHole Condition: Fair Pate: 2012.10.31 End Dister Pate: 2012.10.3 |
| Job Ticket: 51049 D5T#:1 Test Start: 2012.10.31 @ 04:48:03 Test Start: 2012.10.31 @ 04:48:03 Test Type: Conventional Bottom Hole (Initial) Test Type: Jeff Brow n Unit No: 44 Unit No: 44 Kef erence Elevations: 2070.00 ft (KB) Reference Elevations: 2070.00 ft (CF) KB to GRVCF: 8.00 ft (CF) Reference Elevations: 2012.10.31 Test Calib.: 2012.10.31 Capacity: 2012.10.31 Time On Bitm: 2012.10.31 | Wechita KS 67202 + 4518 Vechita KS 67202 + 4518 Vechita KS 67202 + 4518 Vechita KS 67202 + 4518 Vecker No Whipstock: At (KB) Test Ended: A2:003 Tool Opened: 08:15:00 Tool Opened: 08:15:00 Tool Opened: 08:15:00 Test Ended: A2:50:03 Tool Opened: 08:15:00 Tool Opened: 08:15:00 Tool Opened: 08:15:00 Tool Opened: 08:15:00 Tool Opened: 08:15:00 Tool Opened: 08:16 Tool Opened: 08:15:00 Tool Opened: 12:00 Tool Opened: 12:00 Tool Opened: 08:15:00 Tool Opened: 12:00 Tool Opened: 12:00 |
| Test Start: 2012.10.31 @ 04:48:03 Test Type: Conventional Bottom Hole (Initial) Tester: Jeft Brow n Drit No: 44 Reference Bevations: 2070.00 ft (KB) Reference Bevations: 2070.00 ft (CF) (Capacity: 2012.10.31 @ 0519 (Capacity: 2012.10.31 ft (CF) 10.31 Last Calib.: 2012.10.31 ft (CF) (2012.10.31 | Michia KS 67202 + 4518 Wichita KS 67202 + 4518 ATTN: Larry M Jack Valia KS 67202 + 4518 Valia KS 67202 + 4518 Valia KS 67202 + 4518 Valia KS 10 Valia KS 10 Valia KS 10 Valia KS 10 Valia S227.00 ft (KB) To 3292.00 ft (KB) Test Ended: 12:60:03 Depth: 3292.00 ft (KB) To 3292.00 ft (KB) Valia S227 0.01 ft (KB) Depth: 3292.00 ft (KB) To 3292.00 ft (KB) Test Ended: 12:60:03 Diameter: 7.88 inchesHole Condition: Fair Diameter: 7.88 inchesHole Condition: Fair Diameter: 7.88 inchesHole Condition: Fair Time: 04:48:04 End Date: 2012 Date: 2012.10.31 |
| 11-9s-18w Rooks, KS Stahl Trust #1 Job Ticket: 51049 DST#:1 Job Ticket: 51049 DST#:1 Test Start: 2012.10.31 @ 04:48:03 Test Type: Conventional Bottom Hole (Initial) Test Type: Joh Ticket: 510.31 @ 04:48:03 Test Type: Conventional Bottom Hole (Initial) Test Type: Left Brow n Unit No: 44 KB to GRVCF: 8000.00 Reference Elevations: 2070.00 Reference Elevations: 2070.00 Reference Elevations: 2062.00 Reference Elevations: 8000.00 Reference Elevations: 8000.00 Reference Elevations: 2012.10.31 Capacity: 8000.00 Reference Elevations: 2012.10.31 Reference Elevations: 2012.10.31 Reference Elevations: 2012.10.31 Reference Elevations: 2012.10.31 Reference Elevations: 8000.00 Reference 8000.00 Reference 8000.00 Reference 8000.00 Reference 8000.00 | Fricubilie Gore Oil Company Millobilie Gore Oil Company Vichita KS 67202 + 4518 Vichita KS 67203 + 500 Vichita KS 71 Vichita KS 71 Vichita KS 71 |
| 11-9s-18w Rooks, KS Stahl Trust #1 Job Ticket: 51049 DST#:1 Job Ticket: 51049 DST#:1 Test Start: 2012.10.31 @ 04:48:03 Test Type: Conventional Bottom Hole (Initial) Test Type: Joh Ticket: 510.31 @ 04:48:03 Test Type: Conventional Bottom Hole (Initial) Test Type: Left Brow n Unit No: 44 KB to GRVCF: 8000.00 Reference Elevations: 2070.00 Reference Elevations: 2070.00 Reference Elevations: 2062.00 Reference Elevations: 8000.00 Reference Elevations: 8000.00 Reference Elevations: 2012.10.31 Capacity: 8000.00 Reference Elevations: 2012.10.31 Reference Elevations: 2012.10.31 Reference Elevations: 2012.10.31 Reference Elevations: 2012.10.31 Reference Elevations: 8000.00 Reference 8000.00 Reference 8000.00 Reference 8000.00 Reference 8000.00 | Image: Second Structure PO Box 2757 Michita KS 67202 + 4518 Wichita KS 67202 + 4518 VMC RAMATION: VMC PO Box 2757 VMC RAMATION: VMIP RAL INFORMATION: VMIP RAL INFORMATION: VMIP RAL INFORMATION: VMC RAMATION: VMIP RAL INFORMATION: Tool Opened: 08:15:03 Tool Opened: 08:15:03 Tool Opened: 08:15:03 Trval: 3237.00 ft (KB) (TVD) Diameter: 7.85 inchesHole Condition: Fair Diameter: 7.85 inchesHole Condition: Fair </td |

Ref. No: 51049

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Trilobite Testing, Inc

Printed: 2012.11.13 @ 11:10:50

| 13:01:11 @ 51:11:2102 | Printed: | | Ref. No: 51049 | oul ,bnitse | Trilobite Te |
|---|---|------------------------|--|---|--|
| Rates ches) Pressure (psig) Gas Rale (Mcfld) | 86Ð ní) ∌kon⊃ | | | SS2-GIP ОСССИ 12%С 30%О 22% DCCCW 12%C 50%O 60%W Description ДессолецА | Length (ft) 20.00 97.00 |
| YAAMMUS Э noistonnA | RUSS37역 예미 Taussə ^{rc} (국 gəb) (gisq) | 1 əmiT (.nìM) | | miT. zv suzzerit eurowi VSG | |
| eizq 00.0008 rc.or.sros | Capacity: Last Calib.: Time On Btm: Time Off Btm: Time Off Btm: | 2012.10.31 74:07:21 | End Date: End Time: e blow back DB in 15 min | | Serial #: 5 Start Date: Start Time: Start Time: |
| Conventional Bottom Hole (Initial) leff Brow n vations: 2070.00 ft (KB) 2062.00 ft (CF) 2062.00 ft (CF) | Tester: ∠ Unit No: ∠ Reference ⊟e | | | Lansing-A-B-C No Whipstock: ened: 08:15:03 bed: 12:60:03 3237.00 ft (KB) To 329 3292:00 ft (KB) To 329 (TV[T: 7.88 incheshole (| ormation: Deviated: Time Tool Op Time Test En Time Test En Time Test Total Depth: Total Diamete |
| L# : | Job Ticket: 51 Stahl Ticket: 51 13 Job Ticket: 51 | Т КЕРО | DRILL STEM TES Gore Oil Company Wichita KS 67202 + 4518 MTN: Larry M Jack | INFORMATION: | JENEKAL |

| MARDAIQ JOOT | 13 | ЯЕРОР | TEST | L STEN | םצור | ודב | ยดาเห | |
|---------------------------|---|-----------------------|----------------|---------------|--------------------------|--------------------------------|--------------|-----------------|
| | 11-95-18w Rooks,KS | | | Company | Gore Oil | | PERMIT | |
| | Stahl Trust #1 | | | 2922 | PO Box | ONI ' ĐNI | 1S7 | |
| r:#TSO | Job Ticket: 51049 | | 81 | G⊅ + Z0Z29 S> | Wichita I | | | |
| 04:48:03 | Test Start: 2012.10.31 | | | Гаггу М Јаск | :NTTA | | | J. J. Com |
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| 20000.00 lb 2000.00 lb | Tool Weight set on Packer: Weight set on Packer: | 1dd 92.24 1dd 00.0 | :emuloV ser | | Diameter: | | | svy Wt. Pipe: |
| | :98001 Ilud of Juli Loose: | 1dd 00.0 | :emuloV ser | | Diameter: | | :цірпэл | l Collar: |
| 11 00.0 | Tool Chased | 199 99 9 7 | :emulo V listo | <u>⊥</u> | | 49 UU \$2 | ·8 | ∮ ∋vodA ∍qਔ l |
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| | | 3223.00 | | | 9 ^{.00} | | | looT nl tu |
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| Bottom Of Top Packer | 20.00 | 3232.00 | | | 4.00 | | | sker |
| | a a constructive de la construcción | 00.7628 | 444 <u>2</u> | | 00 [.] G | | | :ker |
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Bottom Packers & Anchor

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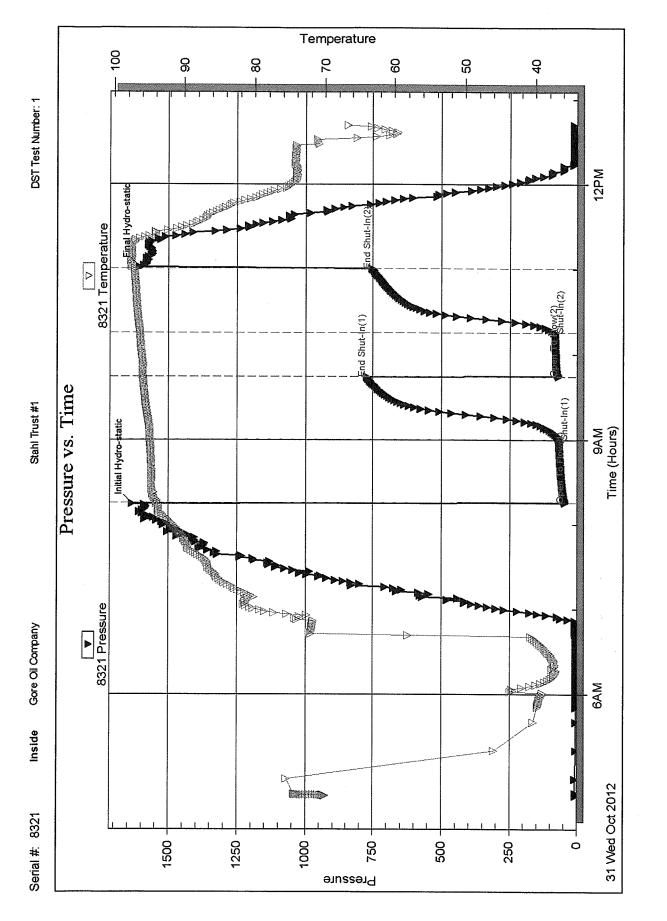
Total Tool Length:

Trilobite Testing, Inc

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Recorder Perforations

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| | | | bisq | : | Sas Cushion Pressure | | | ພາ | | :vtiviteiseA |
| | | | 100 | | :∋ak Cushion Type: | | | | ²ni 79.7 | Water Loss: |
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| RA geb maa | | Oil A PI: Vitiniini 2 alinity | | | Cushion Length: Cushion Length: | | | le | g/dl 00.8 | Mud Weight: |
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| | £0:84: | 40 @ 16.01.210 | Test Start: 2 | | Jack | М үтис Ц | :NTT A | | | JAC MA |
| | r:#T20 | 1046 | Job Ticket: 5 | |)2 + 4518 | 210 01 2 | | | | |
| | | ۲# ¥ | sunT Idiat2 | | 8131 + Cl | 3 K2 672C X 2757 | | on 'n | | |
| | | Rooks,KS | W81-29-11 | | ли | isqmo⊃ liC | Gore (| ЭNI ' Э | GALLEN DE CONTRACTOR | |
| YAAMMU | רחום או | | | ТЯОЧЭХ | TEM TEST F | | | <u> </u> | LIBOJIH | |



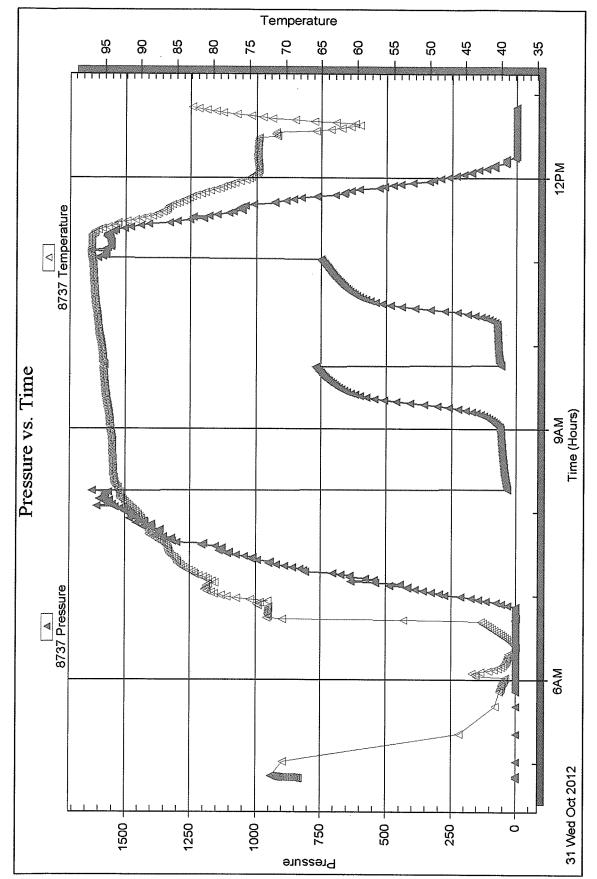
Printed: 2012.11.13 @ 11:10:54

Ref. No: 51049



Stahl Trust #1

DST Test Number: 1



Printed: 2012.11.13 @ 11:10:54

Ref. No: 51049



DRILL STEM TEST REPORT

Prepared For: Gore Oil Company

PO Box 2757 + 4518 Wichita KS 67202 + 4518

ATTN: Lany M Jack

Stahl Trust#1

11-9s-18w Rooks,KS

| 2 | :# TSO | 09019 | Jop Ticket #: |
|---|------------|------------|---------------|
| | 04:15:12 | 10.11.2102 | :∋tsG bn∃ |
| | @ 51:53:15 | 15.01.2102 | Start Date: |

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 Ph: 785-625-4778 fax: 785-625-5620

| | الألك المحالية المحال | secovery from mu |
|--|---|--|
| | | |
| | | |
| | | |
| | 7.7 M808 W80% 22 Stops in the mark | 54.00 |
| | WW 25%M 75%W 2.61 NWW 25%M 75%W 0.21 | 2`00 98`00 |
| Choke (inches) Pressure (psig) Gas Rate (Mct/d) | Description Volume (bbl) | (jj) (jj) |
| Gas Rates | Кесолецу | |
| | ым. (пися) жил чы г | Z102 M |
| PRESSURE SUMMARY Time Pressure Temp Annotation (Min.) (psig) (deg F) (nitial Hydro-static 0 1640.47 91.56 Initial Hydro-static 1 34.80 91.54 Open To Flow (1) 1 34.80 91.24 Open To Flow (1) 1 34.80 91.24 Open To Flow (1) 1 34.80 91.24 Open To Flow (2) 7 75 51.01.02 End Shut-In(1) 7 76 100.00 Open To Flow (2) 7 76.77 100.00 Open To Flow (2) 7 76.77 100.00 Open To Flow (2) 7 76.77 100.00 Open To Flow (2) 7 76.96 103.95 Shut-In(2) 7 105.05 50.05 To Shut-In(2) 7 105.46 103.95 Shut-In(2) 7 105.46 107.49 To Shut-In(2) 7 105.46 107.49 To Shut-In(2) 7 157.44 107.410-static | FSI=Dead no blow back | |
| 21:74:10 @ 10.11.2102 :mt8 110 emiT | ISI=Dead no blow back FFP=Fair blow built to 9 in | IMOD T23 |
| Capacity: 2012.11.01 @ 01.00 psig 2012.11.01 Last Calib.: 2012.10.31 @ 23:10:42 04:04:12 Time On Btm: 2012.10.31 @ 23:10:42 Time Off Btm: 2012.11.01 @ 01:47:12 | epth: 186.96 psig @ 3298.00 ft (KB) | tial #: 8 ss@RunDe rt Date: rt Time: |
| Reference ⊟evations: 2070.00 ft (KB) 2062.00 ft (CF) KB to GR/CF: 8.00 ft | 3293.00 ft (KB) To 3338.00 ft (KB) (TVD) 3338.00 ft (KB) (TVD) 7.88 inchesHole Condition: Fair | erval: al Depth: e Diameter: |
| Test Type: Conventional Bottom Hole (Reset) Tester: Jeff Brow n Unit No: 44 | INFORMATION: Lansing-E-F Mo Whipstock: ft (KB) Pned: 23:11:12 Mo Whipstock: ft (KB) | mation: viated: eqO looT e |
| Test Start: 2012.10.31 @ 21:53:12 | ATTN: Larry MJack | J. Martin |
| 100 Ticket: 51050 DST#: 2 | Wichita KS 67202 + 4518 | |
| Stahl Trust #1 | | |
| 11-98-18w Rooks,KS | | |
| Т ЯЕРОЯТ | | |

| 40:01:11 @ 61.11 | Printed: 2012 | | | No: 51050 | .†9Я | | Trilobite Testing, Inc |
|--|--------------------|--------------------------|----------------|--------------------|---|--|--|
| | | | | | · · · · · · · | | ecovery from multiple tests |
| | | | | | | | |
| | | | | ₩ ₩ | W%08/ | W%0S stods lio dti | 24.00 WMW |
| · | | | | 0.21 | | M%0S stoqs lio dti | |
| | | | | 2.61 | | W%87 M%8 | 96.00 MW 25 |
| Pressure (psig) Gas Rate (Mct/d) | Choke (inches) | | | (ldd) əmuloV | | Description | (ມູ) ປຸມິນອ |
| 291 | 67 269 | + | 1 | | | Кесолецу | |
| | (16-2) | (6.41) | | | | | |
| noitation | Temp Ar Temp Ar | Pressure Pressure | emi⊺ (.niM) | eutopartie | 1 CE/B | | 0 100 10 10 10 10 10 10 10 10 10 10 10 10 |
| YAAMMU | S ESSURE S | 4d | | | | Pressure vs. | ™14 <i>1213</i> ☐♥☐ |
| | | l nO əmiT 11O əmiT | S1:40:40 | :9miT nim 2 | N BOB in 18 1∖ v back uit to 9 in | 21:23:16 FFP=Cood blow 1 FFP=Cair blow b FFP=Fair blow b FSI=Dead no blo | ST COMMENT: |
| gizq 00.0008 10.11.2102 | | : ViioaqaC Last Calit | 10.11.2102 | | pu∃ | 15.01.2102 | ə rial #: 8737 sss@RunDepth: art Date: |
| | KB to GR | | | Fair | | loHzəri 88.7 | le Diameter: |
| 5062.00 ft (CF) ns: 2070.00 ft (KB) | oitsve⊟ eoratio | Яefe | | (DVT) (E | ∧D) 338.00 tf (KE | 338.00 ft (КВ) To 3: 338.00 ft (КВ) (Т | |
| sntional Bottom Hole (Reset) Srow n | | te∋T | | ft (KB) | | 21:11: | rinoition: La viated: No ne Tool Opened: 23: ne Test Ended: 04: |
| | | | | | | :NOITAM | RERAL INFOR |
| 21:52:12 @ 15:0 | 1 Start: 2012.1 | isə⊺ | | аггу М Јаск. | ATTN: L | | J'S CAN |
| DST#:2 | Ticket: 51050 | | | 8134 + 4518 757 | I | oni' Ənils ə | |
| sy,ks | 00A W81-20 | -11 | | Company | Gore Oil (| | |
| | | ТЯС | Л ЯЕРС | L STEM TES | םצור | JTI801 | |
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| qc | | 00.f | | | | 3294.00 | | | | |
|--------------------------|--------------------|--------------------|------------|------------|---------|---------|--------|--------------------|------|--------------------------|
| ker | | 00 [.] 3 | | | | 3293.00 | ···· | | | |
| ker | | 4 00 | | | | 3288.00 | | 20.00 | В | Bottom Of Top Packer |
| Icolic tool | | 00.8 | | | | 3284.00 | | | | |
| looT nl ti | | 5.00 | | | | 3529.00 | | | | |
| inge Over Sub | | ۱.00 | | | | 3274.00 | | | | |
| ol Description | гөл | (<u>1</u>]) (1]) | Serial No | ю ч | noitia | t) dîq | рэА (: | stipna. Lengths | | |
| | | | | | | | | | | |
| :stn a mmoO l | | | | | | | | | | |
| nber of Packers: | 5 | Diameter: | 92.9 | sedoni | | | | | | |
| ן רְּפָּאַםּנְיָו: | ff 00.88 | | | | | | | | | |
| rval between Packers: | 11 11 00.24 | | | | | | | | | |
| ith to Bottom Packer: | 11 00.E92E | | | | | | | | | al 00.0008 |
| Pipe Above KB: | 11 00.2 11 00.2 | | | | | | | String Weight: | 34 | dl 00.00084 |
| | 13 00 1 | | | | :emuloV | | · | Tool Chased | | 11 00.0 |
| Collar: Length: | | Diameter: | | | :emuloV | | | L III of theight | | 58000.00 lb |
| wy Wt. Pipe: Length: | | Diameter: | | | :emuloV | | | | | 2000.00 lb 2000.00 lb |
| :he: Length: | 3278.00 ft | Diameter: | 08 8 | səqoui | ∶əmuloV | 86.34 | 144 | :tdbi∋W looT | • | 91000002 |
| l Information | | | | | | | | | | |
| Wie/ | | NTTA | ր M Մել | Ack | | | | Test Start: 2012.1 | .7 @ | 51:23:12 |
| | | BILLOWA | Z0ZZ9 SX | 81.C++ | | | | Job Ticket: 51050 | | C:#T80 |
| | DNI ' DNI I | VOG O I | | . 1210 | | | | Stahl Trust #1 | | |
| | | | il Company | | | | | 00A w81-26-11 | S | |
| | פודר | סצו | TS JJ | EW. | TEST | REP | ТЯО | T > | | TOOL DIAGRAM |

| | | | | | 00.39 | Total Tool Length: |
|-------------------------|-------|----------------------|--------------------|------|-------------------|--------------------|
| Bottom Packers & Anchor | 42.00 | 3338.00 | | | 3.00 | esouling |
| | | 3332.00 | | | 5.00 | Pertorations |
| | | 3330.00 | | | 00.f | Change Over Sub |
| | | 3329.00 | | | 31.00 | Drill Pipe |
| | | 3298.00 | <pre>spistuO</pre> | 7£78 | 00.0 | Recorder |
| | | 3298.00 | əbiznl | 1268 | 00.0 | Recorder |
| | | 3298.00 | | | 00.ľ | Change Over Sub |
| | | 00 [.] 762£ | | | 3.00 | Perforations |
| | | 3294.00 | | | 00.f | ddut2 |
| | | 3293.00 | - | | 00 [.] 9 | Васкег |
| Bottom Of Top Packer | 20.00 | 3288.00 | | | d .00 | Packer |
| | | 3284.00 | | | 00.8 | Hydraulic tool |
| | | 3279.00 | | | 00 [.] 9 | looT al jude |
| | | 3274.00 | | | 00.ľ | Cugude Over Sub |

Wichita KS 67202 + 4518 ftahl Trust#1 PO Box 2757 ONI ' **ONILS** 11-9s-18w Rooks, KS Gore Oil Company BILOBITE **YAAMMUS GIUJ** DRILL STEM TEST REPORT

C:#TRO Job Ticket: 51050

<u> 6</u>isd

ldd

IJ

Test Start: 2012.10.31 @ 21:53:12

udd :Vater Salinity: ЯА рэр :Id∀IiO

Recovery Information

Filter Cake:

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:ssoJ neteVV

:theigW buM

Mud Type: Gel Chem

∶tyisoosiV

:viinils2

| 667.1 | M%08 W%02 stoqs lio Ati w MW | 124.00 |
|---------------|------------------------------|--------------|
| 012.0 | W%08 M%02 stogs lio thi w WM | 12 00 |
| 2.609 | WW 25%W 75%W | 00.981 |
| əmuloV Idd | Description | ti Lêngth |
| ···· | Весолегу Таріе | |

Gas Cushion Pressure:

Gas Cushion Type:

:emuloV noinauO

Cushion Length:

Cushion Type:

ATTN: Larry MJack

:emuloV lefoT Idd 822.4 325.00 ft Total Length:

Laboratory Location: 0 :selqms2 biul7 muN :# Isin92 0 Sdmog sed mun

Recovery Comments:

Laboratory Name:

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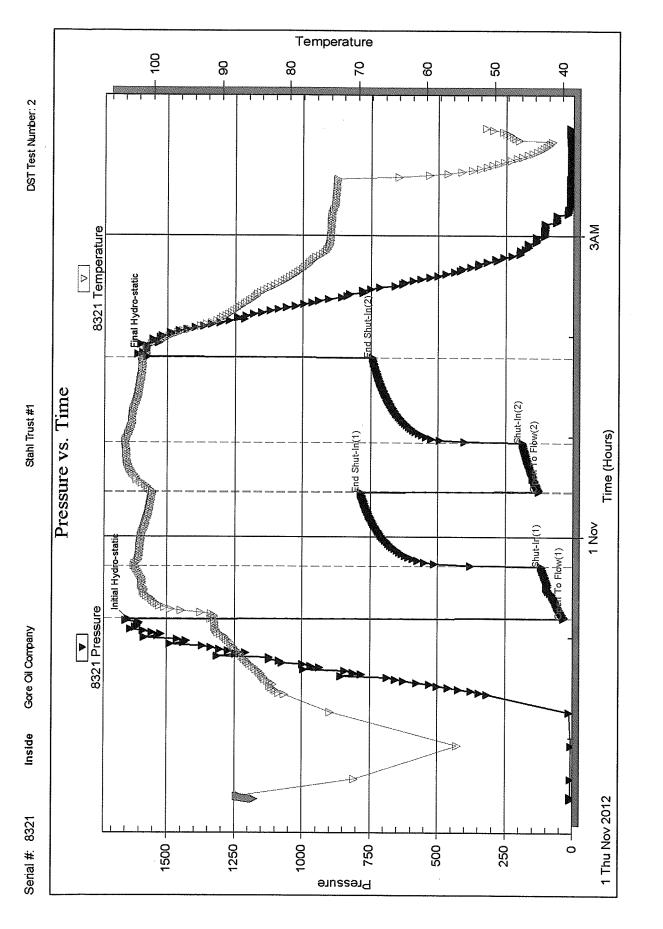
Mud and Cushion Information

fp\ces 00.84

160/dl 00.9

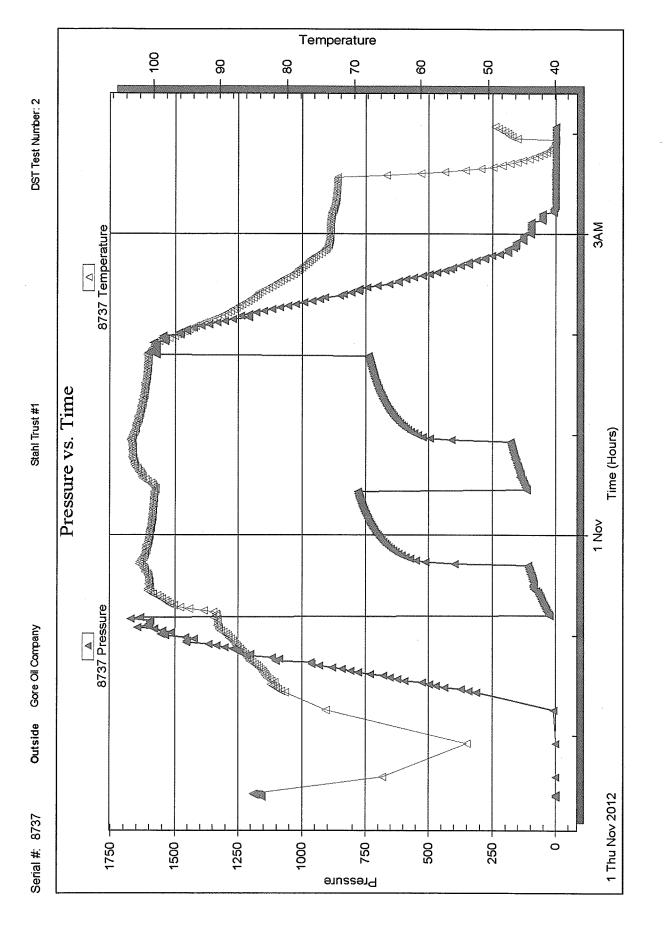
Printed: 2012.11.13 @ 51.10.06

Ref. No: 51050



Printed: 2012.11.13 @ 11:10:07

Ref. No: 51050



Printed: 2012.11.13 @ 11:10:08

Ref. No: 51050



DRILL STEM TEST REPORT

Prepared For: Gore Oil Company

Wichita KS 67202 + 4518

ATTN: Larry M Jack

Stahl Trust #1

11-95-18W Rooks,KS

| ε | :# LSO | 44302 | Jop Ticket #: |
|---|------------|------------|---------------|
| | @ 12:31:38 | 10.11.2102 | :∋ts⊡ bn∃ |
| | @ 10:20:38 | 10.11.2102 | Start Date: |

Trilobite Testing, Inc PO Box 362 _Hays, KS 67601 785-625-4778 fax: 785-625-5620

| 71:00:11 @ 51.11.2105 :bətnir9 | Trilobite Testing, Inc 44302 |
|--|--|
| | * Recovery from multiple tests |
| | |
| | |
| | |
| | |
| | 10.0 buM 00.1 |
| Choke (inches) Pressure (psig) Gas Rate (Motid) | Fength (#) Description Volume (bpl) |
| | |
| | Mag |
| | |
| | |
| | |
| 94 1650.84 92.96 Final Hydro-static | |
| 63 S2.51 91.05 Shut-In(2) 61 S2.51 91.05 Shut-In(2) | |
| (2) Wold oT negO [53, 09, 53] (2) Mold oT negO [53, 15, 15, 15, 15, 15, 15, 15, 15, 15, 15 | Pressure S 8 88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 |
| 46 28.85 90.51 End Shut-In(1) | |
| 15 22.62 89.56 Open To Flow (1) 15 22.62 89.58 Shut-In(1) | |
| 0 1651.84 89.66 Initial Hydro-static | |
| (∃ g∋b) (gizq) (.niM) | |
| PRESSURE SUMMARY | Pressure vs. Tune |
| | |
| | FFP=Dead no blow back |
| | SI=Dead no blow back |
| | TEST COMMENT: IFP≂Dead-Flushed tool it surged then died |
| Time Off Btm: 2012.11.01 @ 14:14:38 | |
| 80:14:S1 @ 10.11.S10S :m18 nO emiT 85:15:31 | Start Time: 10:50:39 End Time: |
| Capacity: 2012.11.01 2012.11.01 Last Calib.: 2012.11.01 | Press@RunDepth: 22.51 psig @ 3342.00 ft (KB) Start Date: 2012.11.01 End Date: 3 |
| | Serial #: 8321 Inside |
| KB f0 GEACE: 8'00 ff | |
| XB10 CENCE \$ 00 ft (CE) | Total Depth: 3360.00 ft (KB) (TVD) Hole Diameter: 7.88 inchesHole Condition: Fair |
| Reference ⊟evations: 2070.00 ft (KB) | Interval: 3340.00 ft (KB) To 3360.00 ft (KB) (TVD) |
| Dnit No∵ 44 | Time Test Ended: 15:31:38 |
| Test Type: Conventional Bottom Hole (Reset) Tester: Jeff Brow n | Time Tool Opened: 12:41:38 |
| (teset Type: Conventional Bring Recet) | Formation: Lansing-G Deviated: No Whipstock: ft (KB) |
| | |
| Test Start: 2012.11.01 @ 10:60:38 | ATTN: Larry Muack |
| 100 Ticket: 44302 DST#: 3 Top Ticket: 44302 | |
| t# tzur Tirtst2 | McPitis KS 67202 + 4518 PO Box 2767 |
| | UNI UNILSI |
| 11-98-18w Rooks,KS | |
| ТЯСРОЯТ | |
| | |

| 71:00:11 @ 11:01:2102 :bə | atning. | | Ref. No: 44302 | Trilobite Testing, Inc |
|--|--|------------------------|---|---|
| Gas Rates Me (inches) Pressure (psig) ସେନ Rate (Motid) ଅନ୍ତ୍ର | |] | (idd) emuloV 0.01 | Υθεσοκιλιμομιμήκι μεστριαυ 1.00 Mud 1.00 Mud |
| | geb) (gisq) PRessure PRESS | emiT (.niM) | | Presente vs. Turner Presente |
| gizq 00.0008 10.11.2102 | Capacity: Last Calib.: Time On Btm: Time Off Btm: | 10.11.S10S 11:15:31 | End Date: End Time: back w | FFP=Dead no blow Fers@RunDepth: psig (tart Date: 2012.11.01 tart Time: 10:60:12 Tart Time: 10:60:12 FFP=Dead no blow FFP=Dead no blow FFP=Dead no blow |
| : Conventional Bottom Hole (Reset) Jeff Brow n 44 Bevations: 2070.00 ft (KB) 2062.00 ft (CF) KB to GR/CF: 8.00 ft | | | (a. | SENERAL INFORMATION: Demation: Lansing-G ormation: Lansing-G owisted: No Whipstock: ime Tool Opened: 15:31:38 ime Test Ended: 15:31:38 ime Test Ended: 15:31:38 ime Test Ended: 15:31:38 ime Test Ended: 3560.00 ft (KB) To otal Depth: 3360.00 ft (KB) (TV ofal Dismeter: 7.88 inchesHole |
| | 81-26-11 1T IA532 1940īT dol | | DRILL STEM TES Gore Oil Company Wichita KS 67202 + 4518 MTTN: Larry M Jack | NI ' BNILSE BITOBILE |

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fö^{nder}avansjoch (Kölenheit/Köll) (Kölen_{erele}ndel) (Kölen_{erele}ndel) (Kölen_{erel}ndel) .

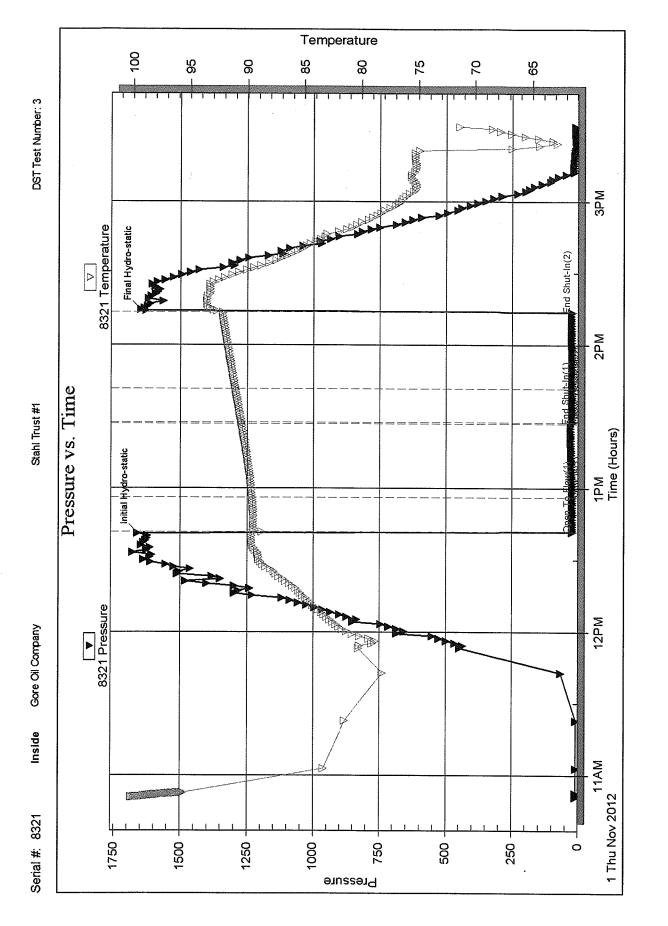
Service Contraction of the

| əsoullr | | 3.00 | | | 3360.00 | 20.00 Bott | tom Packers & Anchor |
|---|--|-------------------------------------|------------------|--|---|--|---|
| snotstons | | 15.00 | | | 00.7855 | | |
| ecorder | | 00.0 | 7878 | əbistuO | 3342.00 | | |
| ecorder | | 00.0 | 1268 | əbiznl | 3345.00 | | |
| enoiterotte | | 00.f | | | 3345.00 | | |
| qqn | | 00. f | | | 3341.00 | | |
| acker | | 5.00 | | | 3340.00 | | |
| acker | | 4.00 | | | 3332.00 | 20.00 | Bottom Of Top Packer |
| vdraulic tool | | 00.ð | | | 00.1555 | | |
| looT ni tur | | 5.00 | | | 3326.00 | | |
| nange Over Sub | | 00.f | | | 3321.00 | | |
| ool Description | гөд | (ֈֈ) կֈն | Serial No. | Position | Depth (ft) | Accum. Lengths | |
| savy Wt. Fipe: Length: ill Collar: Length: ill Fipe Above KB: | 11 00.11 0.00 11 00.0 11 00.0 11 00.0 11 11 11 10.00 11 11 12 12 13 12 12 12 12 12 12 12 12 12 12 | Diameter: Diameter: Diameter: | 2.25 i 2.25 i | nches Volume: nches Volume: Total Volume: Total Volume: | dd 78.9 4 dd 00.0 dd 78.94 | Weight set on Packer: Weight to Pull Loose: | 2000.00 lb 2000.00 lb 2000.00 lb 11 00 00 lb 11 00 00 lb 11 00 00 lb |
| ool Information | | | | | | | |
| WICH | | :NTTA | гаггу М Ја | ск | | Test Start: 2012.11.01 | \$ 10:20:38 |
| | | BIHOW | + 20276 SX | QIC+- | | Job Ticket: 44302 | DST#:3 |
| | our our | YOT OIL | | 1610 | | f# tsunT Idist2 | |
| | ЭNI ' ÐNI . | | | | | | |
| BOTIN | | Gore Oi | il Company | | | 11-95-18w Rooks,KS | |
| | ועב | แหต | רר צוו | TSAT ME | КЕРО | 41 | TOOL DIAGRAM |
| | | | | | | | |

Total Tool Length:

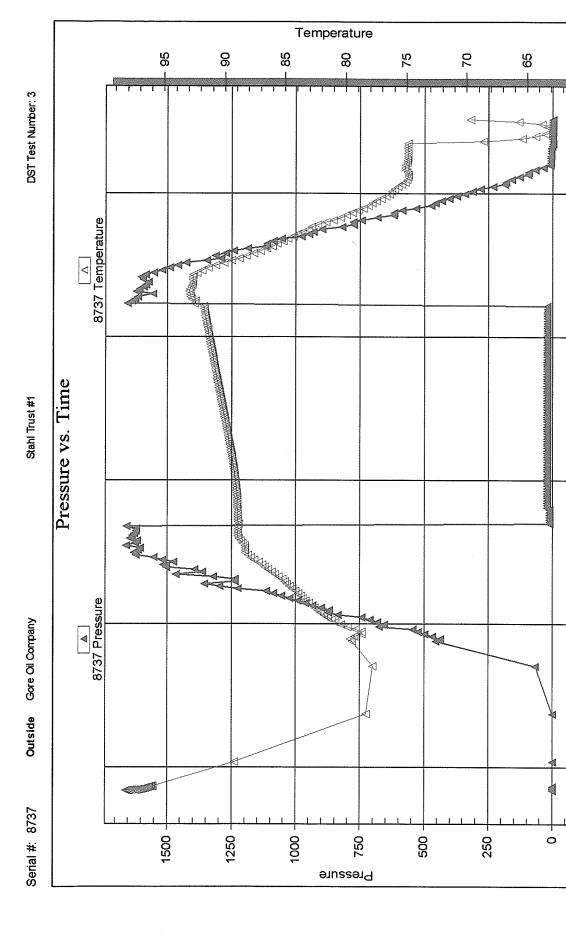
40.00

| 338: 338 | | Job Ticket: 44 | | 4518 + | 9 K2 67202 × 2757 | | ' ' ÐNIL | ~~ I | |
|-----------------|-------------------|----------------|-----------|--|----------------------|---------------------|---------------------------|-----------|----------------------|
| | 02:01 @ 10.11.210 | Test Start: 20 | | асқ | ր M չույ | :NTTA | | | |
| | | <u></u> | | | | | itermati | ul noideu | |
| RA g∋b | :IA A IiO |) | | :əqvT noida | sn) | | | menD let |) :əqyT b |
| udd | Water Salinity: | / 11 | | :hion Length: | snO | | lsb\dil | | ∷trlgi∋W b |
| | | ldd | | shion Volume: s Cushion Type: | | | 7 in³ 7 in³ | | ter Loss: cosity: |
| | | bisd | | s Cushion Pressure: | | | шшцо | | sistivity: |
| | | | | | | | inches ppm | 1200.00 | er Cake: Tity: |
| | | | | | | | | nformatio | |
| | | | | scovery Table | ЭЯ | | | | |
| | | amuloV Idd | | Description | | tt http://www.it | 1 | | |
| | | 0.014 | | | buM | 00.1 | | | |
| | | | 1dd 410.0 | :∋muloV lstoT | 11 OO. | L :u | ignəl Lengi | L | |
| | | Serial #: | : 0 | Laboratory Location: Num Gas Bombs: | | :emeN | Vum Fluid S -aboratory | 1 | |
| | | | | | | | ζεςολειλ (| | |



Printed: 2012.11.13 @ 11:09:20

Ref. No: 44302



Printed: 2012.11.13 @ 11:09:21

ЗРМ

2PM

1PM Time (Hours)

12PM

11AM 1 Thu Nov 2012 Ref. No: 44302



DRILL STEM TEST REPORT

Prepared For: Gore Oil Company

PO Box 2757 Wichita KS 67202 + 4518

ATTN: Larry M Jack

ftahl Trust#1

2X,2300A w81-29-11

 Job Ticket #: 44303
 DST #: 44303
 DST #: 44303

 Job Ticket #: 44303
 DST #: 44303
 07:30:45

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 785-625-4778 fax: 785-625-5620

Printed: 2012.11.13 @ 11:06:39

| 155 1629.46 98.43 Final Hydro-static 0 Cass Rate (Motid) | Sterioscyfrom muliple tests |
|--|--|
| Gas Rates | |
| | λού (2003) μης. 21 μης Σιζεκοί μαι το |
| PARAMMLS SAURE SUMMARY moistonn A qmeT ==================================== | Shift a survey of the survey o |
| Capacity: 8000.00 psig 2012:11.02 Last Calib.: 2012.11.02 @ 03:04:44 07:30:44 Time On Btm: 2012.11.02 @ 03:39:14 Time Off Btm: 2012.11.02 @ 05:39:14 Time Off Btm: 2012.11.02 @ 05:39:14 | Press@RunDepth: 69.98 psig @ 3417.00 ft (KB) Start Date: 2012.11.02 End Date: Start Time: 00:30:46 End Time: Start Time: 00:30:46 Start Time: Start Time: Start Time: Start Time: Start Time: Start Time: Start Time: Start Time: Start Time: Start Time: |
| Test Type: Conventional Bottom Hole (Reset) Tester: Jeff Brow n Unit No: 44 Reference Bevations: 2070.00 ft (KB) 2062.00 ft (CF) KB to GR/CF: 8.00 ft | Formation: LKC-H-I Deviated: No Whipstock: ft (KB) Time Tool Opened: 03:05:14 107:30:44 Time Test Ended: 07:30:44 3430.00 ft (KB) To 3430.00 ft (KB) Interval: 3380.00 ft (KB) To 3430.00 ft (KB) 100 Potal Depth: 3430.00 ft (KB) To 3430.00 ft (KB) 100 Hole Diameter: 7.88 inchesHole Condition: Fair Hole Diameter: 7.88 inchesHole Condition: Fair |
| M TEST REPORT 11-95-18w Rooks, KS Stahl Trust #1 18 Test Start: 2012.11.02 @ 00:30:45 Test Start: 2012.11.02 @ 00:30:45 | GENERAL INFORMETION: CENERAL INFORMATION: CENERAL INFORMATION: CORE OIL COMPAINY CORE OIL COMPAINY CORE OIL COMPANY CORE OIL COMPANY |

| 2015.11.3 @ 11.06:40 | Printed: X | | Ref. No: 44303 | Trilobite Testing, Inc |
|----------------------------------|-------------------------------------|------------|--|---|
| | | | | Recovery from multiple tests |
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| | ni) exlori | | (idd) əmuloV | Length (ft) Description |
| Rates | eeð | | | Кесолецу |
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| noitstonnA | duu∋_ lemp | | ameindung 1 <u>52</u> 55 | •unsmid <u>(C/B</u>) •unsmid (<u>C/B</u>) |
| E SUMMARY | RESSUR | | | iT .2v sw229ff |
| | | | и раск | vold on bs∋⊡=lS= |
| | | | | |
| | | | | TEST COMMENT: IFP=Fair blow bui |
| | | | | |
| | :mt8 nO emiT :mt8 11O emiT | 00:06:70 | :emiT bn∃ | Start Time: 00:30:01 |
| 2012.11.02 | Last Calib.: | 20.11.2102 | | Start Date: 2012.11.02 |
| pisq 00.0008 | Capacity: | | (KB) 3417.00 ft (KB) |) bisd :thteal@sear |
| | | | | Serial #: 8737 Outside |
| 11 00.8 :TOPPO | KB tú | | | Hole Diameter: 7.88 inchesHole |
| vations: 2070.00 ft (CF) | | | | Interval: 3380.00 ft (KB) To 34. Total Depth: 34.30.00 ft (KB) (TV) |
| | Reference Be | | 30 00 [] (KB) (TVD) | |
| eff Brown .4 | | | | Time Tool Opened: 03:05:14 Time Test Ended: 07:30:44 |
| Sonventional Bottom Hole (Reset) | | | ft (KB) | Deviated: No Whipstock: |
| | | | | Formation: LKC-H-I |
| | | | | |
| | | | | GENERAL INFORMATION: |
| 12.11.02 @ 00:30:45 | Test Start: 20 | | אדדע: Larry M אדדע: Larry | GENERAL INFORMATION |
| | Job Ticket: 44. Test Start: 20 | | | GENERAL INFORMATION: |
| 303 DS1#:4 | | | PO Box 2757 Wichita KS 67202 + 4518 ATTN: Larry M Jack | |
| 303 D21#:4 | Job Ticket: 44 | | Wichita KS 67202 + 4518 | ONI ' ĐNILSƏ |
| 303 D21#:4 | 100 ∐ckef: 44 Sf311 Trust | ИЕРО | PO Box 2757 Wichita KS 67202 + 4518 | |

| | | 00 9 | | | 00 0000 | | |
|--|-----------------------|------------------------|---------------|-------------|-----------------------|----------------------------|--------------|
| ange Over Sub | | 00. r | | | 3361.00 | | |
| ol Description | lөJ | (ֈֈ) պքն | Serial No. | Position | Depth (ft) | Accum. Lengths | |
| | | | | | | | |
| :stnəmmoD lo | | | | | | | |
| mber of Packers: | 2 | Diameter: | ui 67.8 | səyo | | | |
| :di Length: | 1J 00.07 | | | | | | |
| erval between Packers: | ff 00.03 | | | | | | |
| pth to Bottom Packer: | 11 | | | | | | a |
| pth to Top Packer: | 11 00.08EE | | | | | | 9000000 P |
| :BX evod A eqiA IIi | 11 00.21 | | | | 199 0E.74 | | 4 00.0000 |
| | 11.0010 | . 1010111010 | | emuloV seno | 99 00:0 | | 9.00.00 b |
| Il Collar: Length: | 11 00.0 | Diameter: Diameter: | | emuloV seno | | _ | |
| ill Pipe: Length: ه۷y Wt. Pipe: Length: | 11 00.2788 11 00.0 | Diameter: | | emuloV seno | 199 00 0 199 02:27 | | 9100000Z |
| :hppe: Length: | 49 00 6288 | Distorie | 4: 00 C | | 199 UC ZF | 114-19/0(19 9 <u>T</u> | 41 00 0000 |
| ol Information | | | | | | | |
| With the | | :NTTA | гану М Јас | Я | | Test Start: 2012.11.02 @ | 90:30:42 |
| | | | . 707 /0 0) / | | | Job Ticket: 44303 | ⊅:#T20 |
| | | | K2 67202 + | 8125 | | Stahl Trust #1 | |
| | ONI ' ƏNI . | | 2326 - | | | htt in the second 1-1-1-10 | |
| | | | il Company | | | 11-95-18w Rooks,KS | |
| BIFOR | 3115 | סאו | LL STE | MTES | BEPO | ТЯ | NARDAID JOOT |

| | | | | | 00.07 | Total Tool Length: |
|-------------------------|----------------|------------|----------|-----------|---------------|--------------------|
| Bottom Packers & Anchor | 00.02 | 3430.00 | | | 3.00 | əsoulluß |
| | | 3427.00 | | | 00.01 | Perforations |
| | | 3417.00 | əbiətuO | 78737 | 0.00 | Recorder |
| | | 3417.00 | əbiznl | 1228 | 0.00 | Recorder |
| | | 3417.00 | | | 00.r | Change Over Sub |
| | | 3416.00 | | | 31.00 | Drill Pipe |
| | | 3385.00 | | | 00.f | Change Over Sub |
| | | 3384.00 | | | 3.00 | Perforations |
| | | 00.1855 | | | 00.1 | ddut2 |
| · | | 3380.00 | | | 5.00 | Васкег |
| Bottom Of Top Packer | 20.00 | 3375.00 | | | 4.00 | Раскег |
| | | 3371.00 | | | £'00 | Hydraulic tool |
| | | 3366.00 | | | 00°9 | looT nl tude |
| | | 3361.00 | | | 00.1 | Change Over Sub |
| | Accum. Lengths | Depth (ft) | Position | erial No. | ength (ft) So | Tool Description L |

Printed: 2012.11.13 @ 11:06:41

| | luformation | | | | |
|------------------------------|--------------------------------------|--|--------------------------------|-----------------------|--------|
| Filter Cake: Filter Cake: | nin ro: r 3500.00 ppm inches | Gas Cushion Pressure: Gas Cushion Pressure: | bied | | |
| Viscosity: Water Loss: | tp∖⊃əs 00.8 1 ₹ni 79.7 | Contraction Volume: Contraction Volume: | Idd | | |
| :)triacosity: | 1sp\dl 00.9 | :htpns:/oridouc | | .γiniteS n∋teW | udd |
| | Cel Chem | Cushion Type: | | :Ida Iio | ЮА рэр |
| | noitsmrotal noidsu | | | | |
| JHC Mi | | ATTN: Larry M Jack | Test Start: 20' | 2012.11.02 @ 00:30:45 | |
| | I ESTING , INC | PO Box 2757 + 4518 Wichita KS 67202 + 4518 | Stahl Trust Job Ticket: 443 | | |
| · 第 第 | | Gore Oil Company | A W81-26-11 | ν Βοοκs,ΚS | |
| VOV | אורספונד | DRILL STEM TEST REPO | ГЯ | ELUID : | YAAMMU |
| | <u> </u> | | | | |

кесолегу плогтацоп

| 1.024 | buM | 00.67 |
|---------------|----------------|------------------|
| amuloV bdl | Description | ۲eudth Length |
| L | Recovery Table | |

:∋muloV (stoT

Total Length: 73.00 ft

Recovery Comments:

0 :selqms2 biul7 muV

Laboratory Name:

Num Gas Bombs: 0 Laboratory Location:

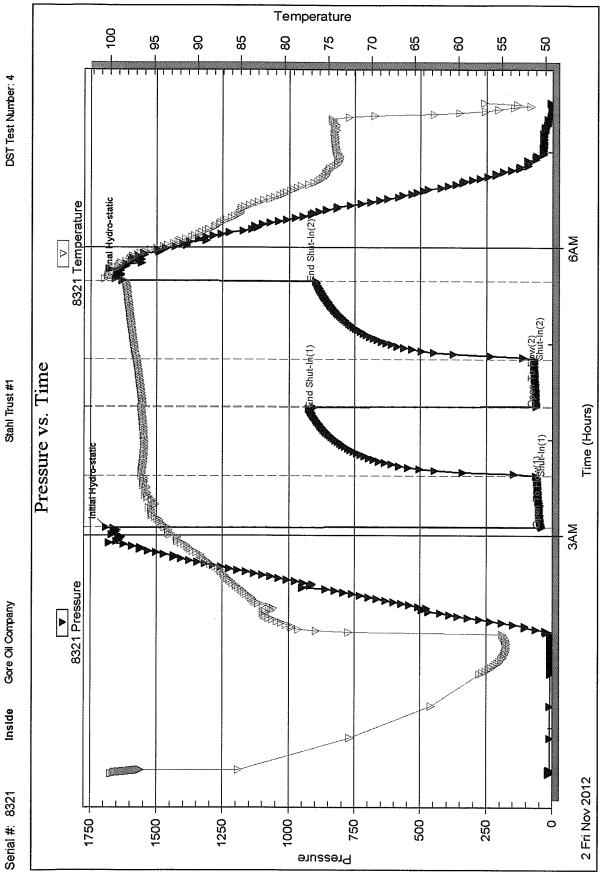
1.024 bbl

Serial #:

Printed: 2012.11.13 @ 11:06:42

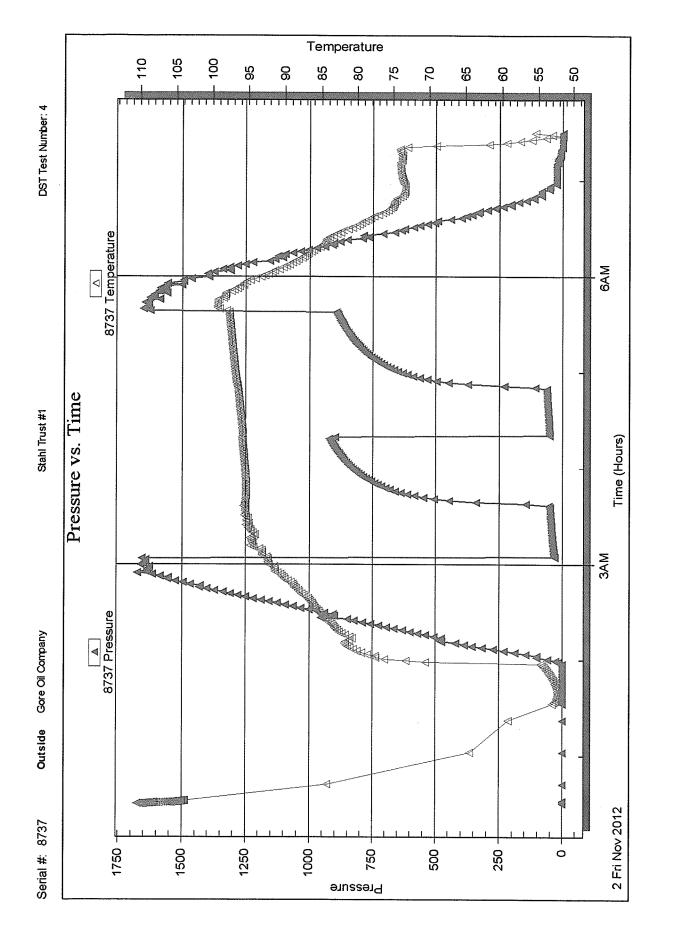
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Printed: 2012.11.13 @ 11:06:43

44303 Ref. No:



Printed: 2012.11.13 @ 11:06:44

Ref. No: 44303



DRILL STEM TEST REPORT

Prepared For: Gore Oil Company

PO Box 2757 Wichita KS 67202 + 4518

ATTN: Larry M Jack

ftahl Trust#1

11-9s-18w Rooks,KS

 Job Ticket #:
 44304
 DST #:
 50:53:01

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

| Printed: 2012.11.13 @ 11:05:54 | Trilobite Testing, Inc |
|--|---|
| | * Recovery from multiple tests |
| | |
| | |
| | |
| Choke (inches) Pressure (psig) Gas Rate (Mct/d) | Length (ft) Description Volume (bbl) 70.0 V/3%86 V/3%5 stors light in M/W 00.2 |
| Cas Rates | |
| | w ¹ 9 M ² C M ² (cush)aa7 SO2 wita3 (cush)aa7 SO2 wita3 |
| | |
| | |
| | 15- 4 12 1 1 1 1 1 |
| | |
| 76 42.83 94.50 Open To Flow (2) | |
| | |
| | |
| | |
| | |
| PRESSURE SUMMARY | |
| | FST COMMENT: IFP=Weak surface blow back ISI=Dead no blow back FFP=Dead no blow FSI=Dead no blow |
| gisq 00.0008 :vijosqeD 20.11.2102 :.dlibD teaJ 20.11.2102 15:32:01 @ 20.11.2102 :mtB nO emiT 10:2∂:02 10:00:01 @ 10.11.2102 :mtB thO emiT | Serial #: 8321 Inside Press@RunDepth: 41.44 psig 3462.00 ft (KB) Start Date: 20.12.11.02 End Date: Start Time: 14:42.02 End Date: |
| | Hole Diameter: 7.88 inchesHole Condition: Fair |
| Reference Elevations: 2070.00 ft (CF) 2062.00 ft (CF) | Interval: 3425.00 ft (KB) To 3471.00 ft (KB) (TVD) Total Depth: 3471.00 ft (KB) (TVD) |
| Unit No: 44 | Time Test Ended: 20:53:01 |
| Test Type: Conventional Bottom Hole (Reset) Tester: Jeff Brow n | Time Tool Opened: 16:33:01 Deviated: No Whipstock: ft (KB) |
| (food) old mother lengitering? | Formation: LKC-K-L Deviated: No Whipstock: ft (KB) |
| | |
| Test Start: 2012.11.02 @ 14:42:01 | ATTU: Lany Mack |
| Job Ticket: 44304 DST#: 5 | Mchita KS 67202 + 4518 |
| t# teurT Irtis2 | ESTING, INC POX 2757 |
| 11-se-18w Rooks,KS | |
| Т Я Е Р О Я Т | |
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| | ning | | | 0200 | Ref. No: | | | | Trilobite Te |
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| | | | | | | | | | |
| voke (inches) Pressure (psig) Gas Rate (Mcf/d) | | | | (ldd) əmulo | | | Description | ti w MW | 00.5 |
| Gas Rates | l | | | | ^] | | Recow | <u> </u> | (ម្) (អូbuər |
| | | | | N-35 | | (Hous) 6PM 6 | emiT | | 25.02 MM |
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| notstonnA qu | isnre <u>T</u> en | | miT | <u>-</u> | enteradure EVII 1000 | | | missid (E(B | |
| YAAMMUS AAUS | 22399 | | | | | emiT .ev e | Pressur | | |
| | | | | | | | | | |
| | | | | ni ‡ | ж | o plow pac | FP=Weak su ISI=Dead no FFP=Dead no FFP=Dead no | :TNBM | MOD T23 |
| gisq 00.008 20.11.2102 | pacity: st Calib.: De On Btm: mfd Dtn Btm: mfd Dtn | юл 20.1 niT го:s | 2012.11 20:52 | | ж | 0 blow blow bac 10 blow 10 blow | FFP=Dead n IFP=Weak si IFP=Weak si IFP=Weak si | :41qə | ess@RunD art Date: art Time: |
| 8000.00 psig KB to GRVCF: 8.00 ft | pacity: st Calib.: ne On Btm: | юл 20.1 niT го:s | | | :efici br∃ :emiT br∃ -\f of tiud we :k | blok Con strace blo 102 102 102 102 102 102 | 900 000 000 000 000 000 000 000 000 000 | :uidə 2 221 | ole Diameter erial #: 8 art Date: art Date: art Time: |
| gisq 00.0008 | ne On Btm: st Calib.: De On Btm: | юл 20.1 niT го:s | | : (KB) | 3462.00 ft End Date: EmiT br 2 :9 :k |) (TVD) blow bac 02 02 02 02 02 02 02 02 | ebistuO provide provid | ebiµ: }132 :: 34 | rterval: brai Depth: cole Diameter erial #: sart Date: sart Tate: sart Time: |
| Jeff Brow n e ⊟evations: 2070.00 ft (KB) 2062.00 ft (CF) 2062.00 ft (CF) 2062.00 ft (CF) | ne On Btm: st Calib.: De On Btm: | юл 20.1 niT го:s | | : (KB) , (C) | idition: Fair Bad Date: End Date: End Time: End Time: sk | 3471.00 (UVD) (JVD | | epth: 3737 1ed: 20:5 3425.0 3425.0 34 26:0 34 27 26:0 34 27 26:0 34 27 26:0 34 27 26:0 34 27 26:0 34 27 26:0 34 27 26:0 34 27 26:0 34 27 26:0 34 27 26:0 34 27 26:0 27 27 27 27 27 27 27 27 27 27 27 27 27 | ormation: me Tool Ope me Tool Ope terval: otal Depth: otal Depth: erial #: { erial #: erial #: art Date: art Date: art Time: |
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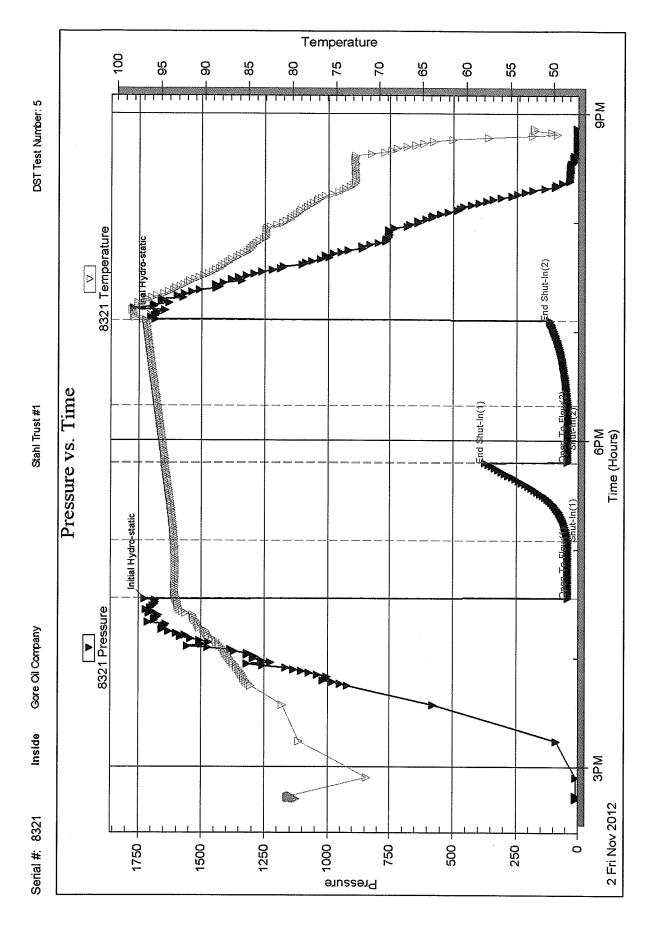
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| Hype: Gel Chem Cushion Type: Gel Chem Oil API: deg API ا Weight: 9.00 lb/gal Cushion Type: The Water Salinity: ppm cosity: 48.00 sec/qt Cushion Volume: bbl ter Loss: 7,97 in³ Gas Cushion Pype: istivity: ohm m istivity: ohm m istivity: ohm m Cass Cushion Pype: psig istivity: ohm m Cass Cushion Pype: psig | Michial KS 67202 + 4518 Job Ticket: 44304 D51#:5 Michial KS 67202 + 4518 Job Ticket: 44304 D51#:5 Michial KS 67202 + 4518 Job Ticket: 44304 D51#:5 Martin ATTN: Larry M.Jack Test Start: 2012.11.02 @ 14.42:01 Martin Cushion Length: Test Start: 2012.11.02 @ 14.42:01 d Veght: 9.00 b/gal Cushion Tope: d Veght: 9.00 b/gal Cushion Pressure: finity: 0 m/m Past Cushion Pressure: ster Cashe: 7.97 in* finity: 3500.00 ppm finity: 3500.00 ppm <tr< th=""><th></th><th>sycoks, KS</th><th>A W81-26-11</th><th>λuε</th><th>sqmoO liO ərc</th><th>ຄ</th><th></th><th></th></tr<> | | sycoks, KS | A W81-26-11 | λuε | sqmoO liO ərc | ຄ | | |
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| التائة التائة <th>ATTV: Larry M.Jack Test Start: S01 II.0kgl; AttV: Larry M.Jack d Test Start: 201 II.0kgl; AttV: Larry M.Jack Test Start: 201 II.0kgl; AttV: d Type: Gel Chem Cushion Type: Oll API: AttV: deg API d Type: Gel Chem Cushion Type: District AttV: AttV: deg API d Meight: 9.00 Ib/gal Cushion Type: District Att Meight: paid d Meight: 9.00 Ib/gal Cushion Type: District District Att d District Cushion Type: District District District Att d Meight: 9.00 Ib/gal Cushion Type: District District District d District Cushion Type: District District District District d Attict Gel Chem Cushion Type: District District District d District Cushion Type: District District District District d District Cushion Type: District District District District</th> <th></th> <th></th> <th></th> <th>305 + 4518</th> <th></th> <th></th> <th>DNUST I</th> <th></th> | ATTV: Larry M.Jack Test Start: S01 II.0kgl; AttV: Larry M.Jack d Test Start: 201 II.0kgl; AttV: Larry M.Jack Test Start: 201 II.0kgl; AttV: d Type: Gel Chem Cushion Type: Oll API: AttV: deg API d Type: Gel Chem Cushion Type: District AttV: AttV: deg API d Meight: 9.00 Ib/gal Cushion Type: District Att Meight: paid d Meight: 9.00 Ib/gal Cushion Type: District District Att d District Cushion Type: District District District Att d Meight: 9.00 Ib/gal Cushion Type: District District District d District Cushion Type: District District District District d Attict Gel Chem Cushion Type: District District District d District Cushion Type: District District District District d District Cushion Type: District District District District | | | | 305 + 4 518 | | | DNUST I | |
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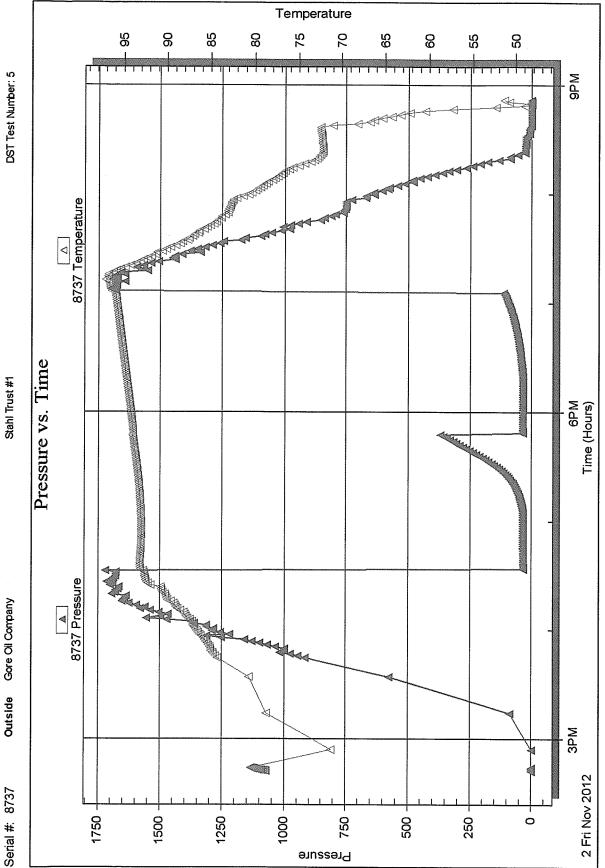
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Ref. No: 44304



DRILL STEM TEST REPORT

Prepared For: Gore Oil Company

Wichita KS 67202 + 4518 PO Box 2757

ATTN: Lany M Jack

ftahl Trust#1

11-9s-18w Rooks,KS

| 9 | :# TSO | 44302 | Job Ticket #: |
|---|----------|--------------|---------------|
| | 12:00:40 | 2012.11.03 @ | End Date: |
| | 01:23:30 | 2012.11.03 @ | Start Date: |

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 785-625-4778 fax: 785-625-5620

| r KB to GR/CF: 8.00 ft (CF) ft (KB) Capacity: 8000.00 psig a: 2012.11.03 Last Calib.: 2012.11.03 @ 08:20:40 Fine Off Btm: 2012.11.03 @ 10:35:10 Time Off Btm: 2012.11.03 @ 10:35:10 | |
|--|--|
| Tester: Jest Bown Unit No: 44 Unit No: 44 Unit No: 44 Unit No: 44 VD Reletence Eevations: 2005.00 ft (KE) Static Callo: 2065.00 ft (CF) Static Callo: 2015.11.03 2005.00 ft (CF) Static Callo: 2015.11.03 (0.000 for gaig | |
| Testlet: Jeft Brown Unii No: 44 Unii No: 44 VD) Retence Eevations: 2005.00 ft (KB) s: 11:59:40 Time Ori Bim: 2012.11.03 @ 05.20.40 s: 11:59:40 Time Ori Bim: 2012.11.03 @ 10.35.10 s: 11:25:56 95.68 Final Hydro-static s: 13.4 125.58 95.58 Final Hydro-static s: 13.56.18 96.58 Final Hydro-static s: 13.56 95.58 Final Hydro-static s: 13.56.18 95.58 Final Hydro-static | |
| Tester: Jeff Brow n Unit No: 44 VD) Retence Eevations: 2070.00 ft (KE) PRESCOF: 8.00 ft (CF) Solo 11:05 Least Calib:: 2012.11.03 @ 05.20.40 Solo 11:05 Last Calib:: 2012.11.03 @ 05.20.40 Solo 11:05 Lonolation 1755.06 Solo 11:05 Last Calib:: 2012.11.03 @ 10.36.10; Solo 11:05 Last Calib:: 2012.11.03 @ 10.36.10; Solo 11:05 Line Off Birr: 2012.11.03 @ 10.36.10; Solo 11:105 Sol | 00 WO 50%W 80%O |
| Tester: Jett Brown Unit No: 44 Unit No: 44 Unit No: 44 VP) Reference Elevations: 2000.00 ft (KB) State cello: 2062.00 ft (CF) State cello: 2062.00 ft (CF) State cello: 2012.11.03 8000.00 psig State cello: 2012.11.03 8000.00 ft | angth (ft) Description |
| Tester: Jester: Sonon It (KB) Image: Sonon in the son | Кесолецу |
| Tester: Jeff Brow n Unit No: 44 Unit No: 44 VD) Reference Eevations: 2070.00 ft (KB) ft (KB) Capacity: 8.00 ft ft (KB) Capacity: 2012.11.03 est Calib.: 2012.11.03 Last Calib.: s: 2012.11.03 Last Calib.: s: 2012.11.03 East Calib.: | entraria 1022 manual 1023 manual 1023 man |
| Tester: Jeff Browin Unit No: 44 VD) Reference Eevations: 2062.00 ft (CF) | rial #: 8321 Inside ss@RunDepth: 24.27 psig @ 3521.00 rt Date: 2012.11.03 End Da rt Time: 05:52:11 End Tin ISI=Dead no blow back ISI=Dead no blow ISI=Dead no blow ISI=Dead no blow ISI=Dead no blow ISI=Dead no blow |
| Tester: Jeff Brow n | ۲ val: 3484.00 ft (KB) To 3530.00 ft (KB) (al Depth: 3530.00 ft (KB) (TVD) B Diameter: 7.88 inchesHole Condition: Fa |
| | INERAL INFORMATION: mation: Arbuckle visted: No Whipstock: ft e Tool Opened: 08:21:10 e Test Ended: 12:00:40 |
| M Jack Test Start: 2012.11.03 @ 05:52:10 | NTTA |
| 2505 + 4218 100 <u>11</u> ckef: 44302 D21#: 0 | |
| bsny 11-95-18W Rooks, KS | |
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| | Reference ⊟e | | | 3484.00 ft (KB) 15 3530 | Interval: Total Depth: |
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| 01:53:50 @ 55:52:10 2011/09 @ 55:52:10 2011/09 @ 100 Mole (Reset) 1911 Brow n | Test Start: 20 | | Ack M Yack | INFORMATION: Arbuckle | Formation: |
| 305 DST#: 6 012.11.03 @ 05:52:10 Conventional Bottom Hole (Reset) leff Brow n | Job Ticket: 44 Test Start: 20 Test Type: (| | אכhita KS 67202 + 4518 אדדע: Larry MJack אדדע: אנייא א | ИГОЯМАТЮИ: Вгрискіе | Formation: |
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| t #1 305 DST#: 6 312.11.03 @ 05:52:10 201ventional Bottom Hole (Reset) leff Brow n | 1 11-95-15W Stahl Trust Job Ticket: 44 Test Start: 20 Test Type: (| | Gore Oil Company PO Box 2757 Wichita KS 67202 + 4518 ATTN: Larry M Jack | Arduckie INFORMATION: ESTING , INC | Formation: |
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DRILL STEM TEST REPORT

ATTN: Larry M Jack

PO Box 2757

Gore Oil Company

Wichita KS 67202 + 4518

211-95-18w Rooks,KS

ftahl Trust #1

Serial #:

Job Ticket: 44305

Test Start: 2012.11.03 @ 05:52:10

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YAAMMUS GIULA

Mud and Cushion Information

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BILOBITE

Recovery Comments:

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Laboratory Name:

| | | bisd | Gas Cushion Type: Gas Cushion Pressure: | °ni 79.7 m. m.mdo mqq 00.00∂£ عentoni | Water Cake: Salinity: Filter Cake: |
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| udd √ 6əp | Oil API: Water Salinity∶ | 11 | Cushion Length: Cushion Length: | ∂el Chem 3el Chem | Mud Type: ™ud Weight: |

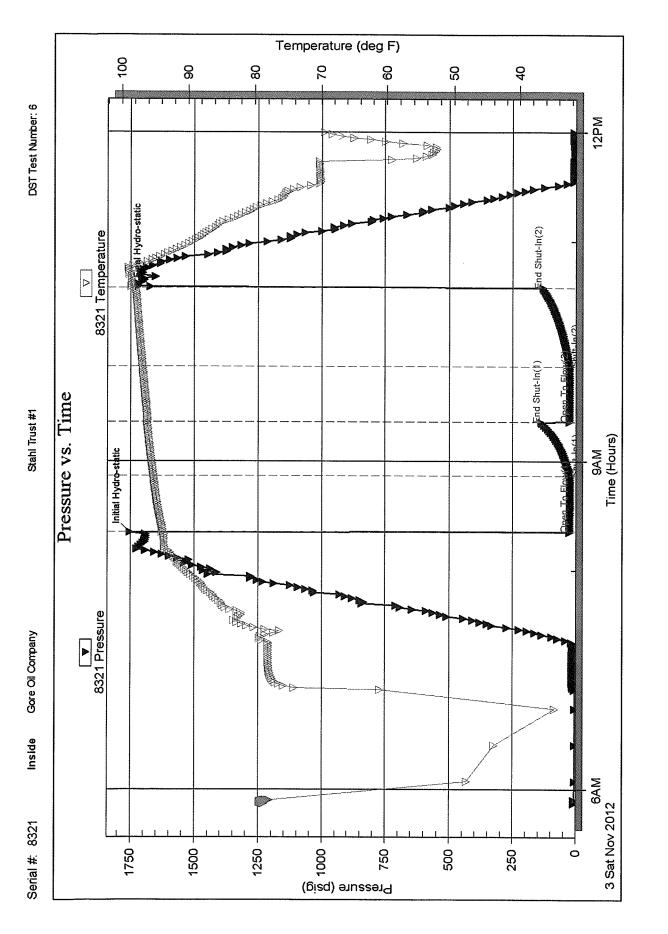
Recovery Information

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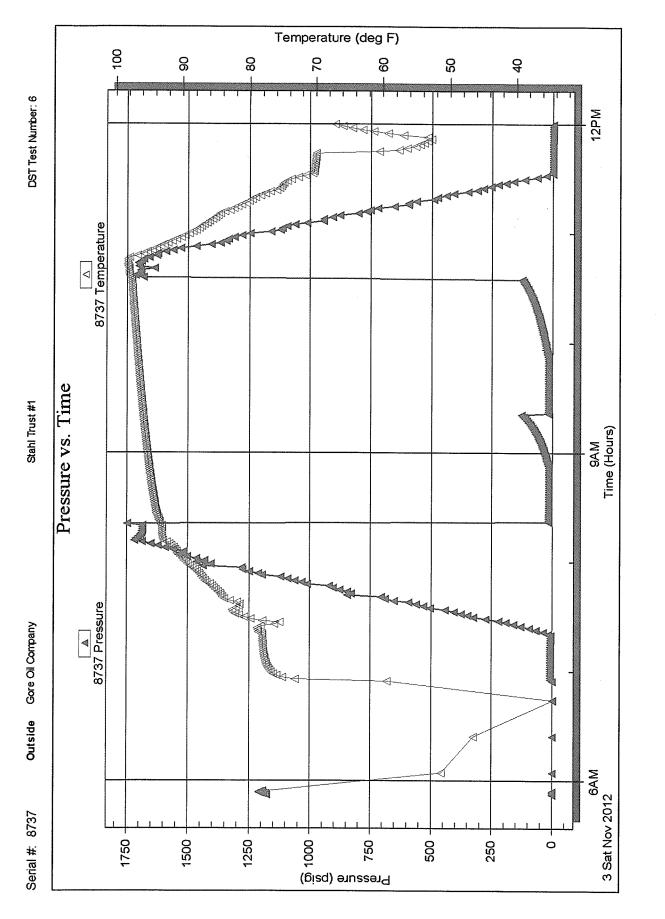
Num Gas Bombs: 0

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ment, or its statements or opinion concerning the results of any feat, roots tost or me or an ormer or me or a cost by the party for whom the test is made.

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| Jeff Brown | Our Representative | Approved By |
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equipment, or its statements or opinion concerning the results of any (est, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made. FILLA DER DUR LEBARNA HADDAR

| | | J.H.F | Representative | | | rearies and to build use to her | semen sol aldeil ad | Approved By |
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Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a lest is made, or for suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any loss suffered or sustained.

| Versing Inc. shall not be liable for damaged of any kind of the property of its Testing Inc. shall not be liable for damaged of any kind of the property of t | | A esentative | 177 RIGNI | ** | |
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Iniobile Testing Inc. shall not be liable for damaged of any kind of 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, or its statements or opinion concerning the results of any test, foois lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

| Jeff Brunn | | 09.4251 18101 0 | 200 | | |
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| Mud Wi | 21 | Drill Pipe Run 349 | | 7h | Anchor Length |
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| Test Ticket | | | | אורספוגב | |

ements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

ROBERT T. HOPKINS, L.G., C.P.G. 709 Harold Ave. Salina, Kansas 67401 cell (785) 819-2460

November 4, 2012

Gore Oil Company Attention: Larry Jack P.O. Box 2757 Wichita, Kansas 67201-2757

Gore Oil Co. – Stahl Trust #1, E/2 NE/4 Section 11-T9S-R18 W, Rooks County, Kansas

Larry:

Attached to this summary letter is my lithologic log for the above-captioned well. You indicated to me that Gore Oil Co. decided to plug this well.

No significant quantity of oil was recovered from any of the three DSTs. In addition, the well ran low to Stahl #1 to the northwest, in section 2-T9s-R18W (tops corrected to the Nabors open-hole log).

Only one "good" oil show was encountered in drill cuttings from this well, in the top of the Arbuckle Dolomite, from 3523-3530 ft. Note that the open-hole log was consistently 3 ft deeper than the Geolograph in the lowermost part of the boring.

Slight oil shows were observed in well cuttings as follows (corrected-to log depths):

LKC "A" zone – 3247-3250' (this was covered by DST #1)

LKC "C" zone – 3284-3287' (this was covered by DST #1)

LKC "D" zone – 3302-3304' (this was covered by DST #2)

LKC "E" zone – 3323-3325' (this was covered by DST #2)

LKC "F" zone – 3332-3335' (this was covered by DST #2)

LKC "G" zone – 3342-3344' (this was covered by DST #3)

LKC "I" zone – 3408-3410' (this was covered by DST #4)

LKC "J" zone – 3424-3426' (this was covered by DST #4)

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LKC "J" zone – 3424-3426' (this was covered by DST #4)

LKC "K" zone – 3440-3443' (this was covered by DST #5)

Conglomerate – 3518-3520' (this was covered by DST #6)

Any other shows noted on my Lithologic Log were not significant.

LOG TOP COMPARISON (to Stahl #1 = 2064' kb):

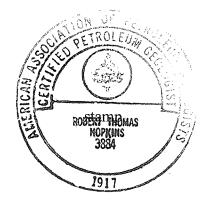
| | #1 Stahl Trust | compar | ed to |
|------------------|-----------------|---------|-------------------|
| <u>Formation</u> | <u>log tops</u> | Stahl # | <u>l log tops</u> |
| Anhydrite | 1396(+674) | +14 | (+660) |
| Topeka Ls. | 2993(-923) | -5 | (-918) |
| Heebner Sh. | 3206(-1136) | -8 | (-1128) |
| Top LKC | 3247(-1177) | -5 | (-1172) |
| Base KC | 3466(-1396) | -4 | (-1392) |
| Arbuckle | 3523(-1453) | -2 | (-1451) |

If you have any questions, please call me at 785-819-2460. Thank you for this opportunity to serve you!

Sincerely,

Robert T. Hopkins, L.G., C. P. G.

attachments



LITHOLOGIC LOG ROBERT HOPKINS-consulting geologist Location E1/2 NE14 11-95-18W Operator Gove Oil Co. Lease / Well STAHL TRUST #1 County ROOKS State 145 scale 1" = 20' GL 2062 KB 2070 * (measure from *) depth this sheet - from 2900 to 3080 page / of 4 DRILLING TIME (min/ft) tops lith DEPTH DESCRIPTION (lithology, shows, mud properties) 56 shows 66. frixin tite 1st. (MAVERICIC RIG #108) N.S. (Stort on loc 10/30/2012 SI. fossilitenous (Vis 50+ wf. 8.9) 2900 gry sh. (Anhydrife 1399(+671) bf-q-y fin-med x/is foss. Ist., tite, Nis. gry sh, I-I limy 50 bf- goy fixin foss. 1st., tite, N.S gry sh. Topoka 2994(-924 ble fixing tite 1st. N.S. (Nofluorescence) -3000 1 bf, ton, any frixin 1st, st. foss, N.S., tite dle gry shi bf-gry framed das 1st., 51. 6055., fite, N.S. 50 (VIS 50 . w+8.9) IT of foxlas. Ist, challey, get \$, N.S.

LITHOLOGIC LOG ROBERT HOPKINS-consulting geologist E'1_ NE'4 11- 95-18W Operator Gove Oil Co. Location Lease / Well STAHL TRUST #1 County Rooks State KS scale 1" = 20' (measure from *) depth this sheet - from 3 080 to 3260 KB 2070 page 2 of 4DRILLING TIME (min/ft) tops lith DEPTH DESCRIPTION (lithology, shows, mud properties) 56 3 4 shows b/-gry fixin toss. Ist, fite, N.S. 80 (Vis 51; wt. 8.7) gry sh - sdy sh; liny 3100 bf, brin, gry. fixelis joss. 1st, tite, N.S. 6/-low fite 1st. N.S. gry sh. gry finaled foss. Ist., tite, N.S. blle sh by faxles 1st., sl.ø, tre, bra. sta, Oread Ls.: 3148' (chanty) No free ail on fluorescence 50 bf-land charty 1st; tite, N.S.; pyritic TIT Jay for the foss lst., N.S. 56 forxis chalky 1st., st. pinpt. \$, fre. at stor. V. pr. fluoreacen gry. for-medyles fite lst., Joss., N.S. Heebwer Sh. 3207 (-1137 3200 - bile sh., pyritic (Vis 54; wf. 9.0) gry sh - sdy sh. I be for med x/1 tile lst. N.S. Except the brind str. Toronto 3229" I gry tite lst., N.S. Ħ 5-1-14. to dle gry sh. <u>LK(3243(-1178)</u> bf. fixlis file 1st., tre. pinpoint \$, tre free al, v. pr. stw, pr. fluorescence 50

| LITHOLOGIC LO | G | | ROBERT HOPKINS-consulting geologist |
|------------------------------|------------------------|--------------------|--|
| Dperator <u>GORE</u> Dil (o, | | | E ⁴² NE ⁴ 4 11-95-18W |
| ease / Well STAHL TRUST | . <i>E</i> | County_/2 | Sooks State KS scale 1" = 20 |
| GLKB_2070 (measu | re from *) | depth this sh | neet - from 3260 to 3440 page 3 of 4 |
| DRILLING TIME (min/ft) | DEPTH | tops lith | DESCRIPTION (lithology, shows, mud properties) |
| | 1-601 | shows graph | 66. frixter 15t., N.S. clorety |
| | | | C A C A C A C A C A C A C A C A C A C A |
| | + + | | |
| | F | | g.y sh - dk gry sh. |
| | | | |
| | | | bit fixed is to st. st. proport \$\$, for free out, pr. st. i, for fixed is to st. proport \$\$ for free out, pr. st. i, for escen tite 1:3237-3292' |
| | | | 11/ 1/ 10 good odor tre, br. Morescen |
| | 3292 | <u> </u> | +1+e 15+, N.S. DST #1:3237-3292' |
| | T R | | 45-45-30-45" |
| | 3300 | | dk and ch |
| | ÌÌ | ~ 떼구구 | bf firstis let. sl. propoint & REC: 97' OGCM + scatt. str., tre free oil SIP: 773-753# gry charty let; tite, N.S (loor. FP: 45-68, 69-83# |
| | | | scatt. st. free oil SIP: 773-753# |
| | # | ATAT | gry chanty let; tite, N.S 0'00" FP: 45-68, 69-83" |
| | th S | | 6/K.sh. STRAP 179' |
| | | | 6/k. sh. 6/k. sh. 5/2 STRAP 1.79' low a bf fuxing foss (st. 5/ \$, the free oil, (Uis.54, WH. 9.8) pr. sta, st. older, pr. fluorecence any lite (st. N.S. |
| | | | pr. str. sl. odoa, pr. fluorecence |
| | $\left \right\rangle$ | | gry file 1st., N.S. gry foss 1st., sl.ø, some free oil, DST #2: 3293-3338' y.pr. st.v., v.Sl. odde tile 1st., N.S. REC: 136'MW, 15'MW |
| | | | gry foss 1st., SI. & some free oil, |
| CFS C | 033382 | | $\frac{1}{10} \frac{1}{10} \frac$ |
| | n # | | He 157, N.S. Bf / N-medxlis /st. sl. viggy \$, wjoil spots; 124' WM w/oil D-tre free aid, sl. stry, sl. olar pri. fluorescence SIP: 786-743= FP: 786-743= FP: 35-117 # 127-187 |
| E E | - 50 1 | | be in merilis 1st. St. 477 9, where sports 127 with what |
| | | | pr. fluorescence SIP: 786-743- |
| | 1260 | | 6f-gry fuxin fite 1st, N.S. FP: 35-117 #127-187 (VIS 53; Wt |
| (Neur 6it) | | | DST#3: 3340-3360 |
| N CO 5/17 / | | | dk gry liny sh. 15-30-15-30'-de |
| | - | | 6f-gry fuxles cherty 1st. sld, REC: 1' mid N.S. SID: 29-25# |
| | | 1,10 | |
| | . 7. | | fits_ lst. on above, N.S. F.P: 22-23#, 22-23# |
| | *1 | | (vis. 50, wt.9.7 |
| | | | by fixin foss /st., sl. \$, N.S. |
| | | THE T | |
| | , [] | | dlegry- 61k sh pyritic |
| | -3400 | | 6ffite fixin 1st, cherty, Nos |
| | И | E TAT | bf twx lis 1st., V. sl. pinpoint \$, some str., No free all |
| | ·n, [] | | bf frux lis 15t., V. sl. prinpoint &, some star , so free all sl. odor, V. pr. flaoretcence, |
| | H L | Million and Street | dle gry sh. |
| | 15 | | by fix x/w cherty 15t, v.s. li. odor DST. # 4:3380-3430' Lite 15t, N.S. 30-45-30-45 |
| | | | by IN XIN Chenty 15t, V.S.11. o Loi DST. # 4: 3380-3430' |
| | 3430 | | Lite 1st., N.S. 30-45-30-45 - blkshigrysh below REC: 73' MUD 255 899 # |
| | | | |
| | | | by the XIN IS 101 from the 1 |
| | .40 L | | ail, some stis, stivland FP: 41-62: 62-70 |

LITHOLOGIC LOG ROBERT HOPKINS-consulting geologist Location E"2 NE"4 11-95-18W Operator GORE OIL Co. Lease / Well STAHL TRUST 1 County Rooks State IS scale 1" = 20' KB 2070 (measure from *) depth this sheet - from 3440 to 3580 RTD page 4 of 4 DRILLING TIME (min/ft) tops DEPTH DESCRIPTION (lithology, shows, mud properties) 3 4 5 6 7 8 shows graph bf (N-medxl.) fife 15+, 51. clunty, 1055, N.S. (VIS 57; Wt.9.2) dk gry firxlin foss 1st., Lite, N.S.; pyritic BIKC 3470(-1400) 50 blk shijpyritic wh-gry fuxlu fite 15t, N.S.; sl. oolitic S Ŧ 5 bf-brin fite 1st., N.S. 3471 -dlagry sh. (FS () grysh. DST #5:3425-347 white 1st, N.S. 30-45-30-45 red to gry sh. REC: 5' Mud w /oil spots 51P: 373-118± FP: 41-42#;43-41# .3500 whest, even star the five all No adon, duillifluor; No add aut Arbuchele 3520(-1450) 2,4 5 0 Wh dolonite good free ail, gd. blk str. 51. o dog 51. cherty even fluor, good oad out 3530 wh dolowite, poor \$, N.S. (file); charty FSA bf Brixlin dolomite, fair \$, N.S.; DST #6: 3484-3530 30-30-30-45 FS (13535 5 \$ 35 % RECS 1'M oil, 10' OCM SIP: 136-129" wh-bf survosic dolomite, us/ Vuggy + fracture Ø, N.S. (sl. solitic) - 50 FP: 25-24 26-24 - tre dead and stry. Pyritic Whenever sucrosic dolomite, and \$, N.S. 3580 1 RTD @TD new Nabors log suite: log consistently 3' deepen in lowermost 150's