

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 3842  
Name: Larson Engineering, Inc. dba Larson Operating Company  
Address 1: 562 W STATE RD 4  
Address 2: \_\_\_\_\_  
City: OLMITZ State: KS Zip: 67564 + 8561  
Contact Person: Thomas Larson  
Phone: ( 620 ) 653-7368  
CONTRACTOR: License # 33935  
Name: H. D. Drilling, LLC  
Wellsite Geologist: Robert Lewellyn  
Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW  
 Gas       D&A       ENHR       SIGW  
 OG       GSW       Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled      Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD      Permit #: \_\_\_\_\_  
 ENHR      Permit #: \_\_\_\_\_  
 GSW      Permit #: \_\_\_\_\_

|                                   |                  |   |
|-----------------------------------|------------------|---|
| <u>6/11/2010</u>                  | <u>6/22/2010</u> | <u>6/22/2010</u>                        |
| Spud Date or<br>Recompletion Date | Date Reached TD  | Completion Date or<br>Recompletion Date |

API No. 15 - 15-135-25072-00-00

Spot Description: \_\_\_\_\_  
NE NE NE NW Sec. 26 Twp. 20 S. R. 26  East  West  
62 Feet from  North /  South Line of Section  
2585 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE  NW  SE  SW

County: Ness

Lease Name: Goodman Unit Well #: 1-26

Field Name: Wildcat

Producing Formation: N/A

Elevation: Ground: 2456 Kelly Bushing: 2463

Total Depth: 4550 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 253 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 16100 ppm Fluid volume: 900 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter: \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**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: 10/07/2010  
 Confidential Release Date: 10/10/2012  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: NAOMI JAMES Date: 10/08/2010

1045297

Operator Name: Larson Engineering, Inc. dba Larson Operating Company Lease Name: Goodman Unit Well #: 1-26

Sec. 26 Twp. 20 S. R. 26 [ ] East [x] West County: Ness

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<br><i>(Attach Additional Sheets)</i>                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Name Attached                           | Top Attached                     | Datum Attached                  |
| Cores Taken  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |   |                                  |                                 |
| Electric Log Run   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |   |                                  |                                 |
| Electric Log Submitted Electronically<br><i>(If no, Submit Copy)</i>                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |   |                                  |                                 |
| List All E. Logs Run:<br>Log<br>Dual Induction<br>Dual Comp Porosity<br>Microresistivity |   |   |                                  |                                 |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used |                   |                           |                   |               |                |              |                            |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, 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 |
| Surface   | 12.25             | 8.625                     | 20                | 253           | Class A        |              | 2% gel, 3% CC              |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD   |                  |                |              |                            |
|---|------------------|----------------|--------------|----------------------------|
| Purpose:                                | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate      |                  |                |              |                            |
| <input type="checkbox"/> Protect Casing | -                |                |              |                            |
| <input type="checkbox"/> Plug Back TD   |                  |                |              |                            |
| <input type="checkbox"/> Plug Off Zone  | -                |                |              |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br><i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |

|   |  |         |             |   |
|---|--|---------|-------------|---|
| TUBING RECORD:                                  | Size:  | Set At: | Packer At:  | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumed Production, SWD or ENHR. | Producing Method:<br><input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ |         |             |   |
| Estimated Production Per 24 Hours               | Oil Bbls.  | Gas Mcf | Water Bbls. | Gas-Oil Ratio Gravity   |

|   |  |  |
|---|--|--|
| DISPOSITION OF GAS:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5)</i><br><input checked="" type="checkbox"/> Other <i>(Specify)</i> <u>D &amp; A</u> | PRODUCTION INTERVAL:<br>_____<br>_____ |
|---|--|--|

|           |   |
|-----------|---|
| Form      | ACO1 - Well Completion                                |
| Operator  | Larson Engineering, Inc. dba Larson Operating Company |
| Well Name | Goodman Unit 1-26                                     |
| Doc ID    | 1045297   |

Tops

|                       |      |       |
|-----------------------|------|-------|
| Anhydrite             | 1690 | +773  |
| Base Anhydrite        | 1724 | +739  |
| Heebner Shale         | 3781 | -1318 |
| Lansing-KC            | 3825 | -1362 |
| Stark Shale           | 4097 | -1634 |
| Base KC               | 4210 | -1747 |
| Altamont              | 4248 | -1785 |
| Pawnee                | 4281 | -1818 |
| Fort Scott            | 4346 | -1883 |
| Cherokee Shale        | 4369 | -1906 |
| Cherokee Sand         | 4432 | -1969 |
| Mississippi Limestone | 4440 | -1977 |
| Mississippi Spergen   | 4465 | -2002 |

# ALLIED CEMENTING CO., LLC. 041538

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

|                                |                   |                                  |                  |            |             |                          |                           |
|--------------------------------|-------------------|----------------------------------|------------------|------------|-------------|--------------------------|---------------------------|
| DATE <u>6-12-10</u>            | SEC <u>26</u>     | TWP <u>20S</u>                   | RANGE <u>26W</u> | CALLED OUT | ON LOCATION | JOB START <u>3:15 pm</u> | JOB FINISH <u>3:45 pm</u> |
| LEASE <u>Goodman Unit</u>      | WELL# <u>1-26</u> | LOCATION <u>Beeler 115 1/2 E</u> |                  |            |             | COUNTY <u>Ness</u>       | STATE <u>Ks</u>           |
| OLD OR <u>NEW</u> (Circle one) |                   |                                  | <u>Sinto</u>     |            |             |                          |                           |

CONTRACTOR HD Drilling Risk 3

OWNER

TYPE OF JOB Surface Job

HOLE SIZE 12 1/4 T.D. 260

CEMENT

CASING SIZE F 5/8 DEPTH 256.36

AMOUNT ORDERED 175 Con 312

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

COMMON 175 @ 13.50 2362.50

PERFS.

POZMIX @

DISPLACEMENT 15,326.1

GEL 3 @ 20.25 60.75

EQUIPMENT

CHLORIDE 6 @ 51.50 309.00

PUMP TRUCK CEMENTER Shane

ASC @

# 417 HELPER Heath

@

BULK TRUCK

@

# 344 DRIVER Bobby

@

BULK TRUCK

@

# DRIVER

@

@

@

@

HANDLING 175 @ 2.25 393.75

MILEAGE 110/56/16 350.00

REMARKS:

TOTAL 3476.00

Ran 6 Str. & Landing Str.

Mixed 175 Str

to Circulate Cement

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 991.00

EXTRA FOOTAGE @

MILEAGE 20 @ 7.00 140.00

MANIFOLD @

@

@

CHARGE TO: Larson Engineering

TOTAL 1131.00

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@

@

@

To Allied Cementing Co., LLC.

*Thanks!*

# ALLIED CEMENTING CO., LLC. 036700

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Great Bend KS

|  |                |                   |                  |   |             |                            |                             |
|--|----------------|-------------------|------------------|---|-------------|----------------------------|-----------------------------|
| DATE <u>6-22-10</u>                                      | SEC. <u>26</u> | TWP. <u>20S</u>   | RANGE <u>26W</u> | CALLED OUT                                  | ON LOCATION | JOB START<br><u>700 AM</u> | JOB FINISH<br><u>800 AM</u> |
| LEASE <u>Goodman</u>                                     |                | WELL# <u>1-26</u> |                  | LOCATION <u>Beale - 11 South 1 1/2 East</u> |             | COUNTY<br><u>NESS</u>      | STATE<br><u>KS</u>          |
| OLD OR <input checked="" type="radio"/> NEW (Circle one) |                |                   |                  | <u>South 1-20</u>                           |             |                            |                             |

CONTRACTOR H-D Rig 2

TYPE OF JOB Rotary Plug

HOLE SIZE 7 1/4 T.D. 7550

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 7 1/2 DEPTH 1700

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT 27 3/4 Dis

EQUIPMENT

OWNER Hanson

CEMENT

AMOUNT ORDERED 200 SK 60/40 4% GEL  
4 flossal

|                |                       |   |              |                |
|----------------|-----------------------|---|--------------|----------------|
| COMMON         | <u>120</u>            | @ | <u>13.50</u> | <u>1620.00</u> |
| POZMIX         | <u>80</u>             | @ | <u>7.55</u>  | <u>604.00</u>  |
| GEL            | <u>7</u>              | @ | <u>20.25</u> | <u>141.75</u>  |
| CHLORIDE       |                       | @ |              |                |
| ASC            |                       | @ |              |                |
| <u>flossal</u> | <u>50#</u>            | @ | <u>2.45</u>  | <u>122.50</u>  |
|                |                       | @ |              |                |
|                |                       | @ |              |                |
|                |                       | @ |              |                |
|                |                       | @ |              |                |
|                |                       | @ |              |                |
|                |                       | @ |              |                |
| HANDLING       | <u>200</u>            | @ | <u>2.25</u>  | <u>450.00</u>  |
| MILEAGE        | <u>200 x 20 x .10</u> |   |              | <u>400.00</u>  |
| TOTAL          |                       |   |              | <u>3338.25</u> |

PUMP TRUCK CEMENTER Wayne-D

# 181 HELPER Alvin-R

BULK TRUCK

# 344 DRIVER Bab-R

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

1st plug 1700 mix 50SX 20884 Dis

2nd plug 870 mix 50SX 7884 Dis

3rd plug 290 mix 50SX .25

4th plug 60 mix 20SX .25

Rat mix 30SX .25

wash up Rig Down

SERVICE

DEPTH OF JOB 1700

PUMP TRUCK CHARGE 990.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 20 @ 7.00 140.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 1130.00

CHARGE TO: Hanson

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

# Robert C. Lewellyn

*Consulting Petroleum Geologist*

P. O. Box 375  
Kechi, KS 67067-0609  
Office 316-744-2567  
Cell 316-518-0495  
*boblewellyn@yahoo.com*

## GEOLOGICAL REPORT

**Larson Engineering, Inc.**  
Goodman Unit No. 1-26  
62' FNL & 2585' FWL Sec. 26-20S-26W  
Ness County, Kansas

|                     |                          |
|---------------------|--------------------------|
| CONTRACTOR:         | H D Drilling, LLC, Rig 3 |
| SPUDED:             | June 11, 2010            |
| DRILLING COMPLETED: | June 22, 2010            |
| SURFACE CASING:     | 8 5/8" @ 253 KBM/175 sx, |
| ELECTRIC LOGS:      | Log-Tech DIL CNL/CDL MEL |
| ELEVATIONS:         | 2463 KB 2256 GL          |

### FORMATION TOPS (Electric Log):

|                           |              |
|---------------------------|--------------|
| Anhydrite                 | 1690 (+ 773) |
| Base Anhydrite            | 1724 (+ 739) |
| Heebner Shale             | 3781 (-1318) |
| Lansing-Kansas City Group | 3825 (-1362) |
| Muncie Creek Shale        | 3990 (-1527) |
| Stark Shale               | 4097 (-1634) |
| Hushpuckney shale         | 4136 (-1673) |
| Base Kansas City          | 4210 (-1747) |
| Altamont                  | 4248 (-1785) |
| Pawnee                    | 4281 (-1818) |
| Myrick Station            | 4305 (-1842) |
| Fort Scott                | 4346 (-1883) |
| Cherokee Shale            | 4369 (-1906) |
| Cherokee Sand             | 4432 (-1969) |
| Detrital Zone             | 4436 (-1973) |
| Mississippi Lime          | 4440 (-1977) |
| Mississippi Spergen       | 4465 (-2002) |
| Electric Log Total Depth  | 4550 (-2087) |

Samples were examined microscopically from 3800 to Rotary Total Depth. Samples were examined wet and dry and samples from potentially productive zones were viewed under a fluoroscope and checked for oil cut. Following is a description of zones of interest, Drill Stem Tests, etc. For a complete lithologic description of all formations, refer to the sample log in the back pages of this report.

Lansing-Kansas City Zones:

3825-3856 (A Zone)

Limestone, cream to buff, dense to finely crystalline, considerable chalk, zone is mostly tight, no show of oil.

3861-3874 (B Zone)

Limestone, cream to buff, dense to finely crystalline and finely oolitic in part, scattered poor intercrystalline and poor oolitic porosity, no show of oil.

3889-3909 (C/D Zone)

Limestone, cream to buff, some tan, dense to finely crystalline, much chalk, zone is tight with no shows of oil.

3911-3916 (E Zone)

Limestone, buff, dense to finely crystalline, some oolitic with dark oolites, zone is mostly tight with no shows of oil

3919-3927 (F Zone)

Limestone, cream to buff, some tan, dense to finely crystalline and partly fossiliferous, scattered poor intercrystalline and interfossil porosity, no show of oil, some light grey fresh chert, opaque.

3944-3950 & 3959-3968 (G Zone)

Limestone, buff, finely crystalline and oolitic, fair to good oolitic porosity, no show of oil. Lower portion becomes dense to finely crystalline with much chalk, tight, no show of oil.

4004-44022 (H Zone)

Limestone, buff to tan, some brown to mottled, dense to finely crystalline, partly oolitic, some dense-oolitic, poor intercrystalline and interoolitic porosity, no show of oil.

4040-4046 (I Zone)

Limestone, buff to tan to brown, some mottled, dense to finely crystalline, fossiliferous in part, zone is mostly tight, no show of oil.

4074-4082 (J Zone)

Limestone, buff to tan, finely crystalline and oolitic, fair to good ooliticastic porosity, no show of oil.

4102-4114 (K Zone)

Limestone, buff to tan, finely crystalline and partly oolitic, fair intercrystalline and ooliticastic porosity, no show of oil, some scattered chalky limestone.

4142-4144 (L Zone)

Limestone, buff to tan, dense to finely crystalline, partly oolitic with poor to fair ooliticastic porosity, no show of oil.

4210-4248 (Pleasanton Zone))

Limestone, cream to buff to tan, dense to finely crystalline and chalky, some slightly fossiliferous, zone is mostly tight, no show of oil.

4248-4277 (Altamont Zone)

Limestone, cream to buff, some tan, dense to finely crystalline, partly oolitic, partly fossiliferous, poor intercrystalline and interfossil porosity, poor spotted stain, very slight show of free oil, faint odor, slight fluorescence, poor cut.

Drill Stem Test No. 1

4242-4275

15-30-15-30; tool open with bubbles, then no blow; blow did not return on second flow; recovered one foot of mud. ISIP 21# FSIP 19# IFP 17-17# FFP 17-17# BHT 115 degrees.

4281-4297 (Pawnee Zone)

Limestone, cream to buff, some brown, some mottled, dense to finely crystalline and chalky, tight with only a trace of very poor intercrystalline porosity, few pieces with very poor spotted stain, trace of free oil, questionable odor, no fluorescence, no cut.

4305-4338 (Myrick Station Zone)



Limestone, tan to brown, dense to finely crystalline, some slightly fossiliferous, zone is mostly tight with trace of very poor spotted stain, no free oil, questionable odor, no fluorescence, no cut.

4346-4369 (Fort Scott Zone)

Limestone, buff to tan, some brown, dense to finely crystalline and partly oolitic, poor intercrystalline and interoolitic porosity, trace of poor spotted stain, very slight show of free oil, faint questionable odor, slight fluorescence, very poor cut.

Drill Stem Test No. 2                      4274-4390

15-30-30-60; blow built to one-fourth inch in four minutes, intermittent quarter-inch blow throughout first flow; blow did not return on second flow; recovered 20 feet of slightly oil cut mud (4% gas, 6% oil, 90% mud) ISIP 125# FSIP 93# IFP 22-29# FSIP 31-33# IHP 2082# FHP 2048# BHT 117 degrees.

4404-4426 (Johnson Zone)

Limestone, buff to tan, some medium grey, dense to finely crystalline, slightly fossiliferous, poor intercrystalline and interfossil porosity, trace of poor spotted stain, questionable odor, trace of free oil, no fluorescence, poor cut.

4432-4436 (Cherokee Sand)

Sand, grey to buff, fine grained, subround, well sorted, well cemented to friable, poor intergranular porosity, poor to fair spotted stain, good strong odor, slight show of free oil, poor to fair fluorescence, fair cut.

4436-4440 (Detrital Zone)

Chert, tan, fresh to weathered with scattered poor vuggy porosity, dark to dead stain, some tan, finely crystalline limestone with poor to fair intercrystalline porosity, and scattered dead stain, no free oil, trace of tarry odor, no fluorescence, poor tarry cut.

Drill Stem Test No. 3                      4382-4438

15-30-30-60; quarter inch blow built to ¾ inch blow on first flow; blow did not return on second flow; recovered 30 feet of gas in pipe and 30 feet of gassy oil cut mud (9% gas, 13% oil, 78% mud). ISIP 99# FSIP 68# IFP 22-27# FFP 31-37# IHP 2127# FHP 2098# BHT 117 degrees.

4440-4465 (Mississippian Lime Zone)

Limestone, buff, some tan, dense to finely crystalline, some cream chalky, section is mostly tight with no shows of oil.

4465-4492

Dolomite, buff to tan, finely crystalline, some microcrystalline to sucrosic, scattered fair intercrystalline and vugular porosity, no show of oil.

4492-4550

Dolomitic limestone and dolomite, buff to tan, some scattered brown, mostly tight with intermittent streaks of poor scattered intercrystalline porosity, no show of oil.

4550

Rotary Total Depth

Conclusions and Recommendations:

Sample examination, drill stem testing, and electric logging revealed no zones capable of producing oil or gas in commercial quantities in the No. 1-26 Goodman Unit. It was therefore recommended that the well be plugged and abandoned.

Respectfully submitted,

Robert C. Lewellyn  
Petroleum Geologist

RCL:me

COUNTY FARM WELL NO.

Ness Goodman Unit 1-26

BLOCK SURVEY

62' F.N.L. & 2585 F.W.

SEC. 26

T. 20S R. 26W TOTAL DEPTH 4550

CONTRACTOR HD DRILLING, P.O. 3

COMMENCED 06-11-2010

COMPLETED 06-22-2010

REMARKS

ALTITUDE 2463 KB

PRODUCTION D & A

REMARKS Robert C. Lovell - Geologist

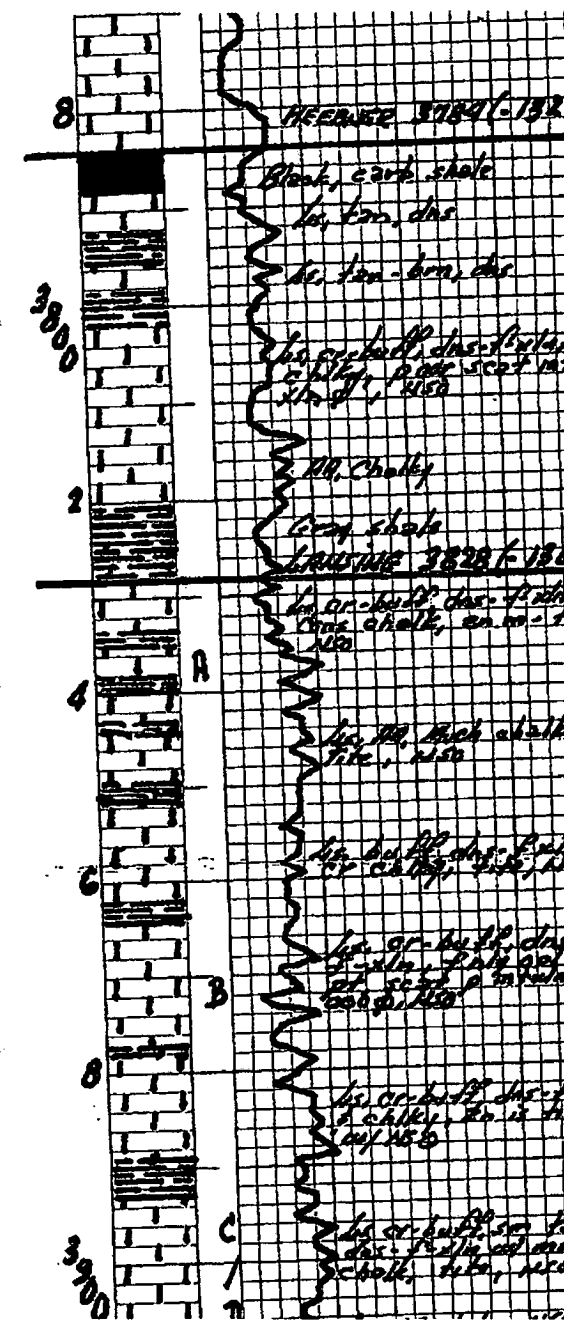
CASING RECORD

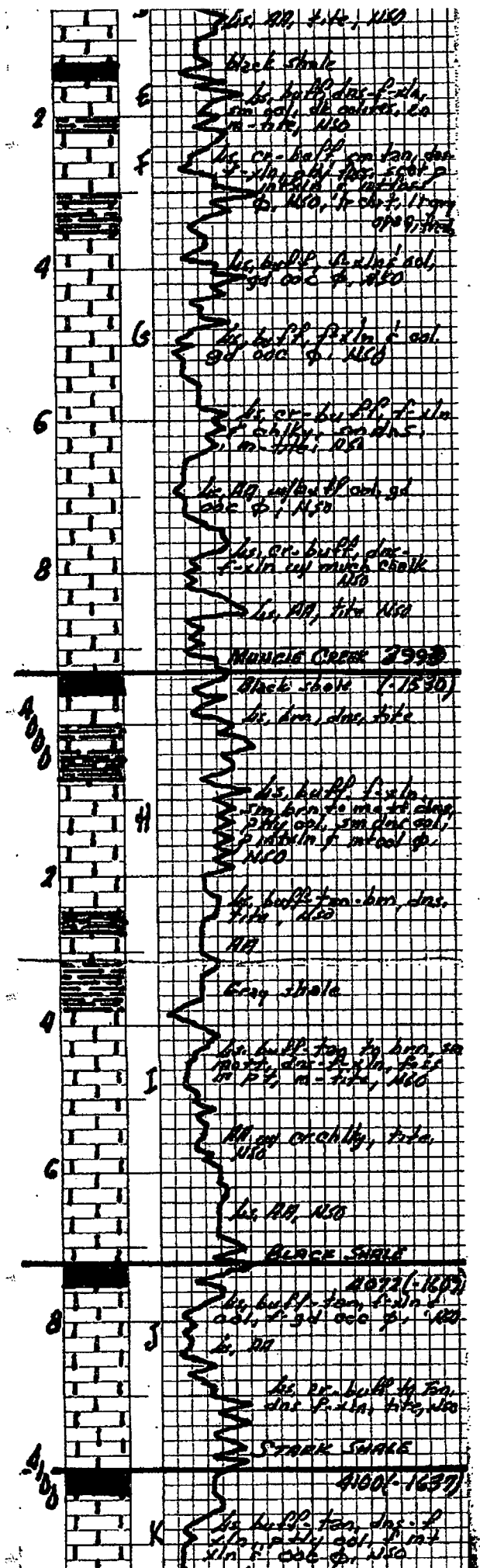
8 1/2" @ 253/KBM/175 SX

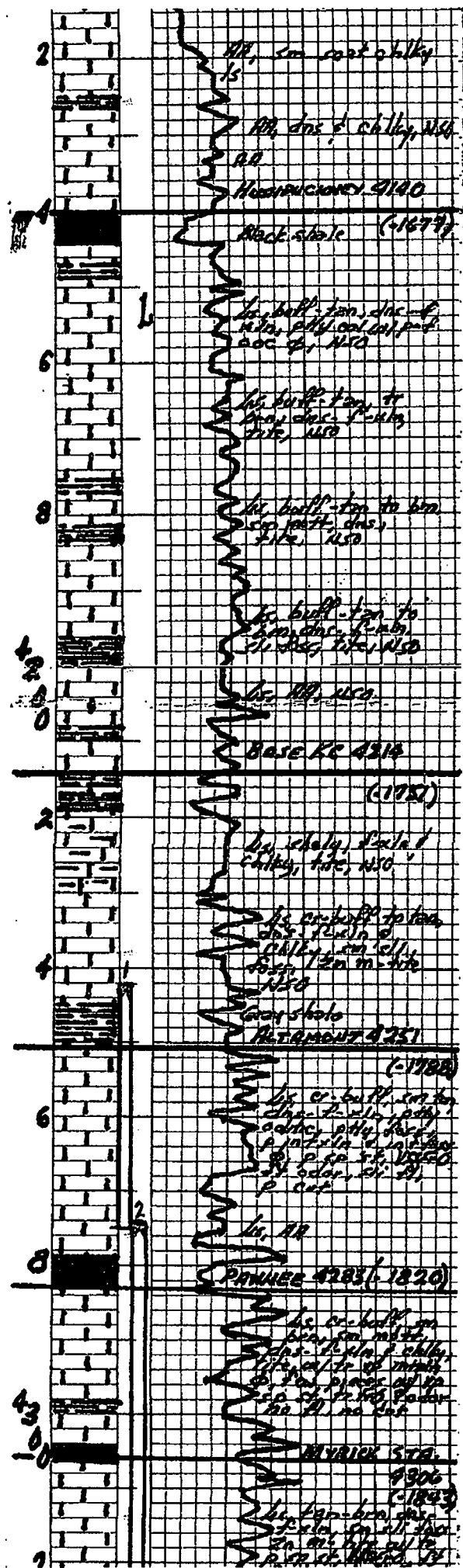
SHOT QUARTS BETWEEN

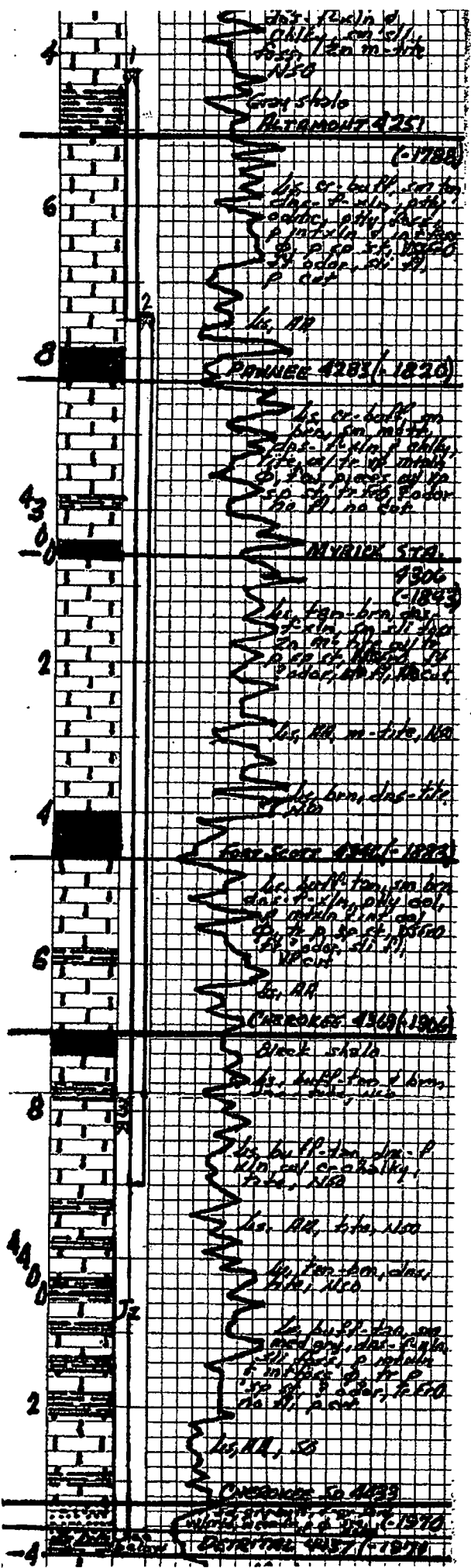
Table with 3 columns: SHOT, QUARTS, BETWEEN. The table is mostly empty with some faint markings.

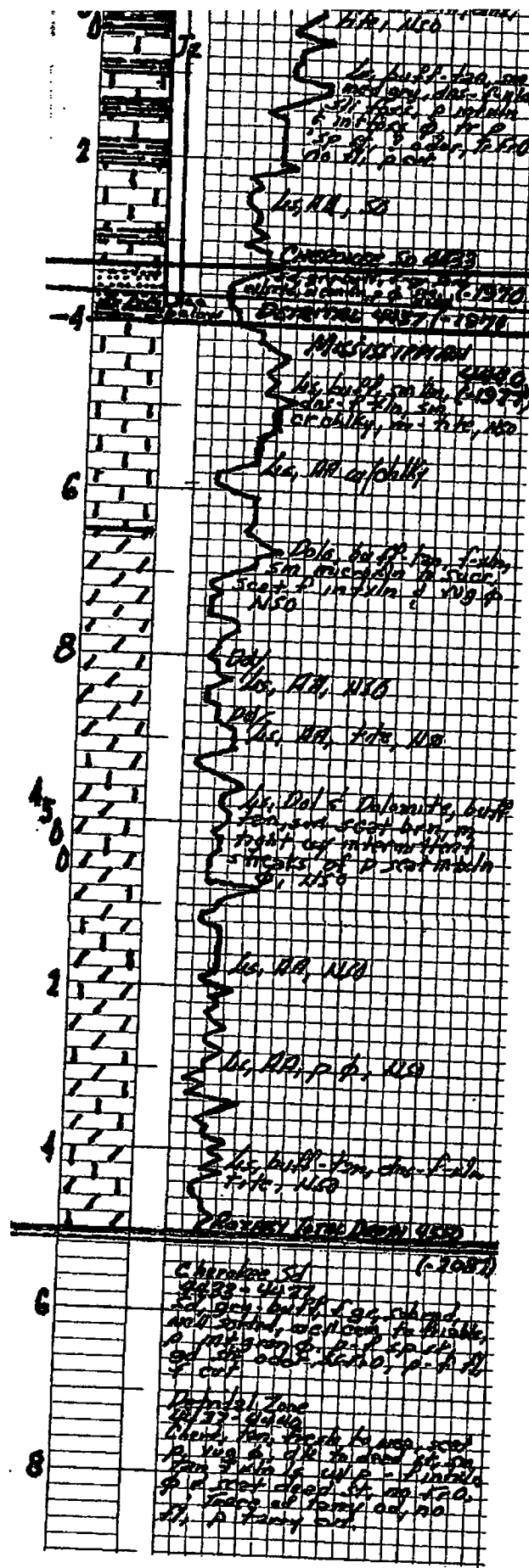
SHOT QUARTS BETWEEN

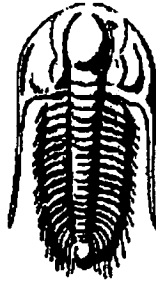












**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Larson Engineering, Inc.**

562 W State Rd 4  
Olmitz, KS 67564

ATTN: Bob Lewellyn

**26 20s 26w Ness KS**

**Goodman Unit #1-26**

Start Date: 2010.06.18 @ 13:53:00

End Date: 2010.06.18 @ 20:24:00

Job Ticket #: 37349                      DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Larson Engineering, Inc.

Goodman Unit #1-26

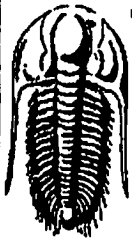
26 20s 26w Ness KS

DST # 1

Allamont

2010.06.18





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Larson Engineering, Inc.

**Goodman Unit #1-26**

562 W State Rd 4  
Olmitz, KS 67564

**26 20s 26w Ness KS**

Job Ticket: 37349

**DST#: 1**

ATTN: Bob Lewellyn

Test Start: 2010.06.18 @ 13:53:00

### GENERAL INFORMATION:

Formation: **Altamont**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 16:11:30

Time Test Ended: 20:24:00

Test Type: **Conventional Bottom Hole**

Tester: **James Winder**

Unit No: **46**

Interval: **4242.00 ft (KB) To 4275.00 ft (KB) (TVD)**

Reference Elevations: **2463.00 ft (KB)**

Total Depth: **4275.00 ft (KB) (TVD)**

**2456.00 ft (CF)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: **7.00 ft**

**Serial #: 8366**

**Inside**

Press@RunDepth: **17.30 psig @ 4243.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.06.18**

End Date:

**2010.06.18**

Last Calib.:

**2010.06.18**

Start Time: **13:53:05**

End Time:

**20:23:59**

Time On Btm:

**2010.06.18 @ 16:09:00**

Time Off Btm:

**2010.06.18 @ 17:42:30**

### TEST COMMENT:

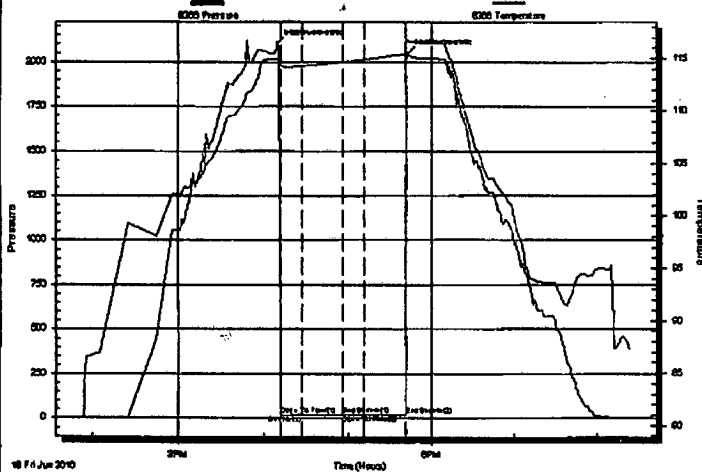
IF: No blow

IS: No blow back

FF: No blow

FS: No blow back

Pressure vs. Time



### PRESSURE SUMMARY

| Time (Mn.) | Pressure (psig) | Temp (deg F) | Annotation           |
|------------|-----------------|--------------|----------------------|
| 0          | 2104.29         | 114.87       | Initial Hydro-static |
| 3          | 16.65           | 114.33       | Open To Flow (1)     |
| 18         | 16.74           | 114.26       | Shut-In(1)           |
| 47         | 21.39           | 114.63       | End Shut-In(1)       |
| 47         | 16.62           | 114.64       | Open To Flow (2)     |
| 62         | 17.30           | 114.88       | Shut-In(2)           |
| 92         | 19.25           | 115.39       | End Shut-In(2)       |
| 94         | 2048.21         | 116.69       | Final Hydro-static   |

### Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 1.00        | Mud 100%    | 0.00         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

### Gas Rates

| Choke (inches) | Pressure (psig) | Gas Rate (Mc/d) |
|----------------|-----------------|-----------------|
|                |                 |                 |



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Larson Engineering, Inc.

**Goodman Unit #1-26**

562 W State Rd 4  
Olmritz, KS 67564

**26 20s 26w Ness KS**

Job Ticket: 37349

**DST#: 1**

ATTN: Bob Lewellyn

Test Start: 2010.06.18 @ 13:53:00

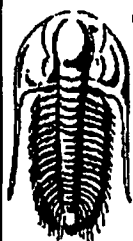
**Tool Information**

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4095.00 ft | Diameter: 3.80 inches | Volume: 57.44 bbl              | Tool Weight: 2500.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl               | Weight set on Packer: 25000.00 lb  |
| Drill Collar:             | Length: 141.00 ft  | Diameter: 2.25 inches | Volume: 0.69 bbl               | Weight to Pull Loose: 70000.00 lb  |
|                           |                    |                       | <u>Total Volume: 58.13 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 21.00 ft           |                       |                                | String Weight: Initial 52000.00 lb |
| Depth to Top Packer:      | 4242.00 ft         |                       |                                | Final 52000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 33.00 ft           |                       |                                |                                    |
| Tool Length:              | 60.00 ft           |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                |
|------------------|-------------|------------|----------|------------|-------------------------------|
| S.I. Tool        | 5.00        |            |          | 4220.00    |                               |
| HYD.S.I. Tool    | 5.00        |            |          | 4225.00    |                               |
| Jars             | 5.00        |            |          | 4230.00    |                               |
| Safety Joint     | 2.00        |            |          | 4232.00    |                               |
| Packer           | 5.00        |            |          | 4237.00    | 27.00 Bottom Of Top Packer    |
| Packer           | 5.00        |            |          | 4242.00    |                               |
| Shale Packer     | 0.00        |            |          | 4242.00    |                               |
| Stubb            | 1.00        |            |          | 4243.00    |                               |
| Recorder         | 0.00        | 8366       | Inside   | 4243.00    |                               |
| Recorder         | 0.00        | 8320       | Inside   | 4243.00    |                               |
| Perforations     | 29.00       |            |          | 4272.00    |                               |
| Bullnose         | 3.00        |            |          | 4275.00    | 33.00 Bottom Packers & Anchor |

**Total Tool Length: 60.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Larson Engineering, Inc.

**Goodman Unit #1-26**

562 W State Rd 4  
Olmritz, KS 67564

**26 20s 26w Ness KS**

Job Ticket: 37349

**DST#: 1**

ATTN: Bob Lewellyn

Test Start: 2010.06.18 @ 13:53:00

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.95 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

| Length<br>ft | Description | Volume<br>bbl |
|--------------|-------------|---------------|
| 1.00         | Mud 100%    | 0.005         |

Total Length: 1.00 ft      Total Volume: 0.005 bbl

Num Fluid Samples: 0

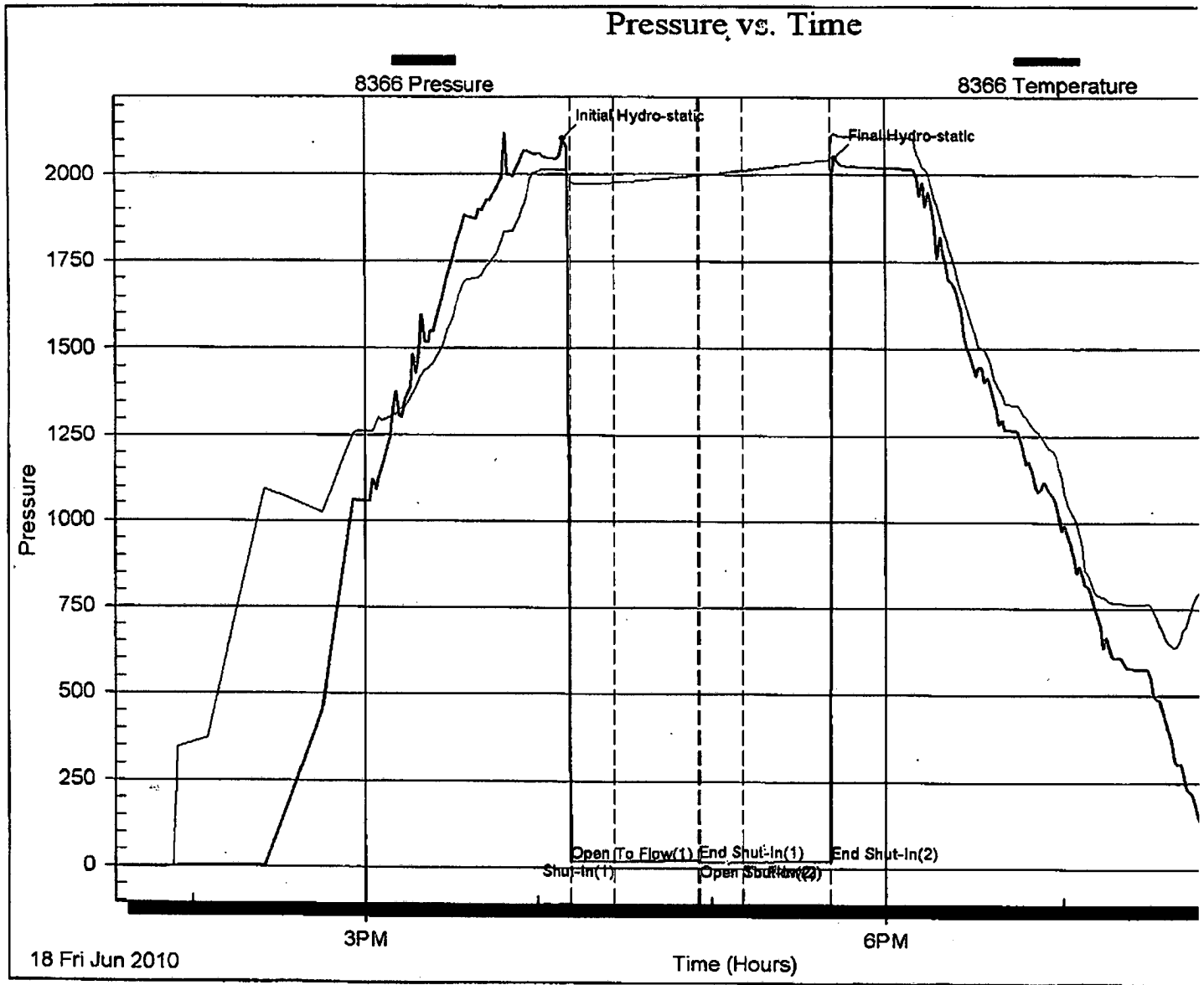
Num Gas Bombs: 0

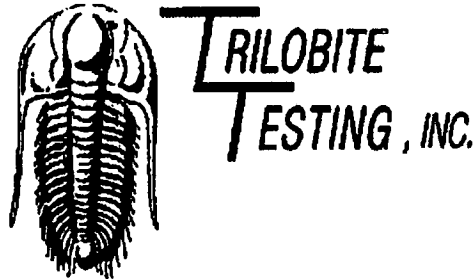
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





## DRILL STEM TEST REPORT

Prepared For: **Larson Engineering, Inc.**

562 W State Rd 4  
Olmitz, KS 67564

ATTN: Bob Lewellyn

**26 20s 26w Ness KS**

**Goodman Unit #1-26**

Start Date: 2010.06.19 @ 18:04:00

End Date: 2010.06.20 @ 02:01:00

Job Ticket #: 37350                      DST #: 2

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Larson Engineering, Inc.

562 W State Rd 4  
Olmritz, KS 67564

ATTN: Bob Lew elyn

**Goodman Unit #1-26**

**26 20s 26w Ness KS**

Job Ticket: 37350

**DST#: 2**

Test Start: 2010.06.19 @ 18:04:00

## GENERAL INFORMATION:

Formation: **Pawnee - Fort Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:10:00

Time Test Ended: 02:01:00

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 46

Interval: **4274.00 ft (KB) To 4390.00 ft (KB) (TVD)**

Total Depth: **4390.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Fair

Reference Elevations: **2463.00 ft (KB)**

**2456.00 ft (CF)**

KB to GR/CF: **7.00 ft**

**Serial #: 8366**

Inside

Press@RunDepth: **33.38 psig @ 4275.00 ft (KB)**

Start Date: **2010.06.19**

End Date: **2010.06.20**

Capacity: **8000.00 psig**

Last Calib.: **2010.06.20**

Start Time: **18:04:05**

End Time: **02:00:59**

Time On Btm: **2010.06.19 @ 21:06:00**

Time Off Btm: **2010.06.19 @ 23:26:00**

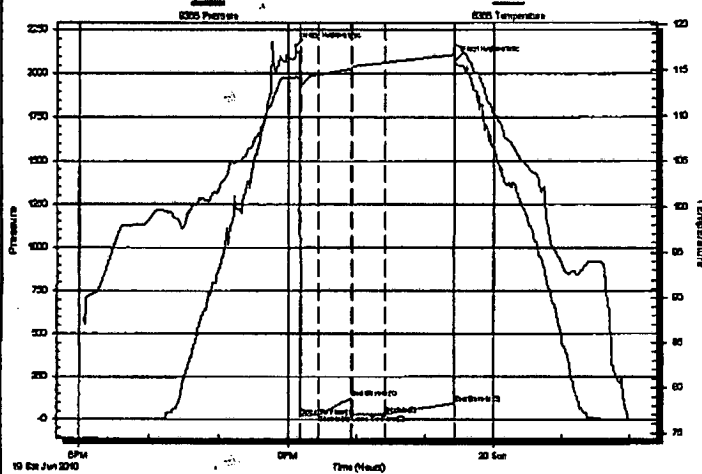
**TEST COMMENT:** IF: Blow built to 1/4 in 4 min., Intermittent blow @ 1/4" through open

IS: Bled off, No blow back

FF: No blow

FSt: No blow back

Pressure vs. Time



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2155.92         | 114.31       | Initial Hydro-static |
| 4           | 21.61           | 113.62       | Open To Flow (1)     |
| 20          | 28.92           | 114.53       | Shut-in(1)           |
| 49          | 124.74          | 115.14       | End Shut-in(1)       |
| 50          | 31.17           | 115.27       | Open To Flow (2)     |
| 79          | 33.38           | 115.85       | Shut-in(2)           |
| 139         | 93.42           | 116.68       | End Shut-in(2)       |
| 140         | 2073.95         | 117.99       | Final Hydro-static   |

## Recovery

| Length (ft) | Description            | Volume (bbl) |
|-------------|------------------------|--------------|
| 20.00       | SOOM 90% m, 6% o, 4% g | 0.10         |
|             |                        |              |
|             |                        |              |
|             |                        |              |
|             |                        |              |

## Gas Rates

|  | Choke (Inches) | Pressure (psig) | Gas Rate (Mc/d) |
|--|----------------|-----------------|-----------------|
|  |                |                 |                 |



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Larson Engineering, Inc.

**Goodman Unit #1-26**

562 W State Rd 4  
Olmitz, KS 67564

**26 20s 26w Ness KS**

Job Ticket: 37350

**DST#: 2**

ATTN: Bob Lewellyn

Test Start: 2010.06.19 @ 18:04:00

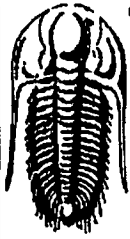
**Tool Information**

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4123.00 ft | Diameter: 3.80 inches | Volume: 57.83 bbl              | Tool Weight: 3500.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl               | Weight set on Packer: 25000.00 lb  |
| Drill Collar:             | Length: 141.00 ft  | Diameter: 2.25 inches | Volume: 0.69 bbl               | Weight to Pull Loose: 65000.00 lb  |
|                           |                    |                       | <u>Total Volume: 58.52 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 17.00 ft           |                       |                                | String Weight: Initial 56000.00 lb |
| Depth to Top Packer:      | 4274.00 ft         |                       |                                | Final 56000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 116.00 ft          |                       |                                |                                    |
| Tool Length:              | 143.00 ft          |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                 |
|------------------|-------------|------------|----------|------------|--------------------------------|
| S.I Tool         | 5.00        |            |          | 4252.00    |                                |
| HYD S.I Tool     | 5.00        |            |          | 4257.00    |                                |
| Jars             | 5.00        |            |          | 4262.00    |                                |
| Safety Joint     | 2.00        |            |          | 4264.00    |                                |
| Packer           | 5.00        |            |          | 4269.00    | 27.00 Bottom Of Top Packer     |
| Packer           | 5.00        |            |          | 4274.00    |                                |
| Shale Packer     | 0.00        |            |          | 4274.00    |                                |
| Shale Packer     | 0.00        |            |          | 4274.00    |                                |
| Stubb            | 1.00        |            |          | 4275.00    |                                |
| Recorder         | 0.00        | 8366       | Inside   | 4275.00    |                                |
| Recorder         | 0.00        | 8320       | Inside   | 4275.00    |                                |
| Perforations     | 15.00       |            |          | 4290.00    |                                |
| Blank Spacing    | 94.00       |            |          | 4384.00    |                                |
| Perforations     | 3.00        |            |          | 4387.00    |                                |
| Bullnose         | 3.00        |            |          | 4390.00    | 116.00 Bottom Packers & Anchor |

**Total Tool Length: 143.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Larson Engineering, Inc.

**Goodman Unit #1-26**

562 W State Rd 4  
Otritz, KS 67564

**26 20s 26w Ness KS**

Job Ticket: 37350

**DST#: 2**

ATTN: Bob Lewellyn

Test Start: 2010.06.19 @ 18:04:00

**Mud and Cushion Information**

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 49.00 sec/qt  
Water Loss: 7.94 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 3000.00 ppm  
Filter Cake: 1.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg API  
Water Salinity: ppm

**Recovery Information**

Recovery Table

| Length<br>ft | Description            | Volume<br>bbl |
|--------------|------------------------|---------------|
| 20.00        | SOQM 90% m, 6% o, 4% g | 0.098         |

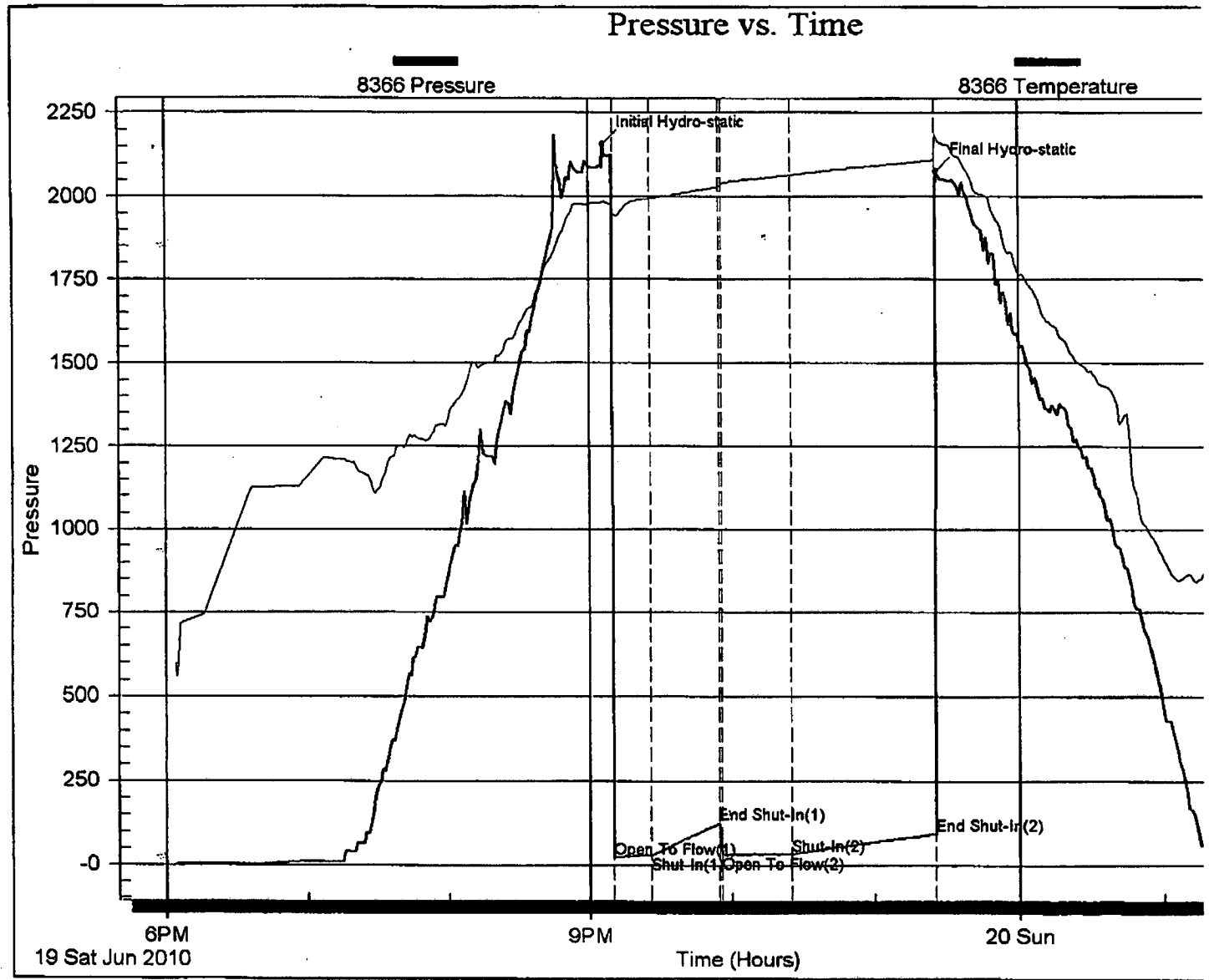
Total Length: 20.00 ft      Total Volume: 0.098 bbl

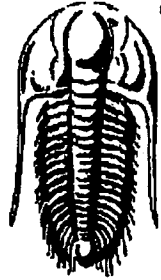
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:







**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Larson Engineering, Inc.**

562 W State Rd 4  
Olmitz, KS 67564

ATTN: Bob Lewellyn

**26 20s 26w Ness KS**

**Goodman Unit #1-26**

Start Date: 2010.06.20 @ 14:15:00

End Date: 2010.06.20 @ 21:42:30

Job Ticket #: 38326                      DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Larson Engineering, Inc.

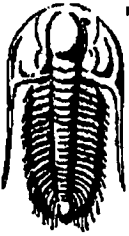
Goodman Unit #1-26

26 20s 26w Ness KS

DST # 3

Cherokee Sand

2010.06.20



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Larson Engineering, Inc.

**Goodman Unit #1-26**

562 W State Rd 4  
Olmritz, KS 67564

**26 20s 26w Ness KS**

Job Ticket: 38326

**DST#: 3**

ATTN: Bob Lewellyn

Test Start: 2010.06.20 @ 14:15:00

## GENERAL INFORMATION:

Formation: **Cherokee Sand**  
 Deviated: **No Whipstock** ft (KB)  
 Time Tool Opened: 17:06:30  
 Time Test Ended: 21:42:30

Test Type: **Conventional Bottom Hole**  
 Tester: **James Winder**  
 Unit No: **46**

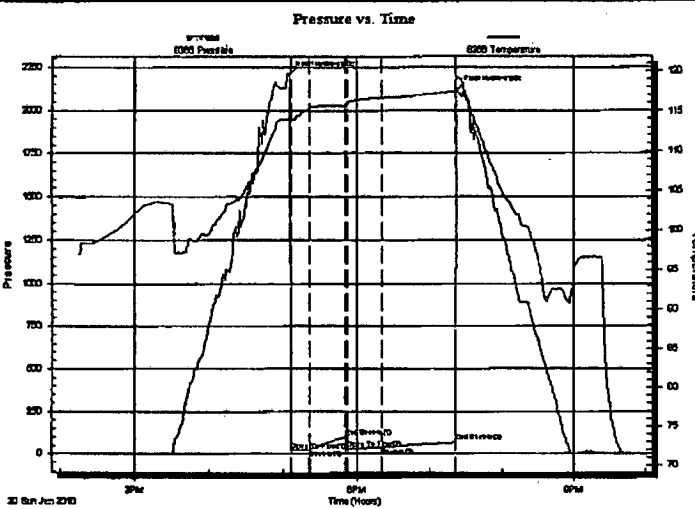
Interval: **4382.00 ft (KB) To 4438.00 ft (KB) (TVD)**  
 Total Depth: **4438.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2463.00 ft (KB)**  
**2456.00 ft (CF)**  
 KB to GR/CF: **7.00 ft**

**Serial #: 8366** Inside  
 Press@RunDepth: **36.58 psig @ 4383.00 ft (KB)**  
 Start Date: **2010.06.20** End Date: **2010.06.20**  
 Start Time: **14:15:05** End Time: **21:42:29**

Capacity: **8000.00 psig**  
 Last Calib.: **2010.06.20**  
 Time On Btrr: **2010.06.20 @ 17:04:30**  
 Time Off Btrr: **2010.06.20 @ 19:22:59**

**TEST COMMENT:** IF: 1/4" blow @ open, built to 3/4"  
 IS: Bled off, No blow back  
 FF: No blow  
 FSt: No blow back



## PRESSURE SUMMARY

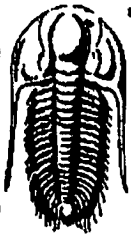
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2204.32         | 114.21       | Initial Hydro-static |
| 2           | 21.95           | 113.85       | Open To Flow (1)     |
| 17          | 26.61           | 115.44       | Shut-In(1)           |
| 47          | 99.45           | 115.74       | End Shut-In(1)       |
| 48          | 31.45           | 116.14       | Open To Flow (2)     |
| 77          | 36.58           | 116.73       | Shut-In(2)           |
| 137         | 68.31           | 117.48       | End Shut-In(2)       |
| 139         | 2118.36         | 119.33       | Final Hydro-static   |

## Recovery

| Length (ft) | Description             | Volume (bbl) |
|-------------|-------------------------|--------------|
| 30.00       | GOCM 78% m, 13% o, 9% g | 0.15         |
| 0.00        | GIP = 30'               | 0.00         |
|             |                         |              |
|             |                         |              |
|             |                         |              |

## Gas Rates

|  | Choke (Inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
|  |                |                 |                  |



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Larson Engineering, Inc.

562 W State Rd 4  
Olmitz, KS 67564

ATTN: Bob Lewellyn

**Goodman Unit #1-26**

**26 20s 26w Ness KS**

Job Ticket: 38326

DST#: 3

Test Start: 2010.06.20 @ 14:15:00

### Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4218.00 ft | Diameter: 3.80 inches | Volume: 59.17 bbl              | Tool Weight: 3000.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl               | Weight set on Packer: 25000.00 lb  |
| Drill Collar:             | Length: 141.00 ft  | Diameter: 2.25 inches | Volume: 0.69 bbl               | Weight to Pull Loose: 62000.00 lb  |
|                           |                    |                       | <b>Total Volume: 59.86 bbl</b> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 4.00 ft            |                       |                                | String Weight: Initial 56000.00 lb |
| Depth to Top Packer:      | 4382.00 ft         |                       |                                | Final 56000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 56.00 ft           |                       |                                |                                    |
| Tool Length:              | 83.00 ft           |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                |
|------------------|-------------|------------|----------|------------|-------------------------------|
| S.I. Tool        | 5.00        |            |          | 4360.00    |                               |
| HYD S.I. Tool    | 5.00        |            |          | 4365.00    |                               |
| Jars             | 5.00        |            |          | 4370.00    |                               |
| Safety Joint     | 2.00        |            |          | 4372.00    |                               |
| Packer           | 5.00        |            |          | 4377.00    | 27.00 Bottom Of Top Packer    |
| Packer           | 5.00        |            |          | 4382.00    |                               |
| Shale Packer     | 0.00        |            |          | 4382.00    |                               |
| Stubb            | 1.00        |            |          | 4383.00    |                               |
| Recorder         | 0.00        | 8366       | Inside   | 4383.00    |                               |
| Recorder         | 0.00        | 8320       | Inside   | 4383.00    |                               |
| Perforations     | 15.00       |            |          | 4398.00    |                               |
| Blank Spacing    | 33.00       |            |          | 4431.00    |                               |
| Perforations     | 4.00        |            |          | 4435.00    |                               |
| Bullnose         | 3.00        |            |          | 4438.00    | 56.00 Bottom Packers & Anchor |

**Total Tool Length: 83.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Larson Engineering, Inc.

**Goodman Unit #1-26**

562 W State Rd 4  
Olmitz, KS 67564

**26 20s 26w Ness KS**

Job Ticket: 38326

**DST#: 3**

ATTN: Bob Lewellyn

Test Start: 2010.06.20 @ 14:15:00

**Mud and Cushion Information**

|                                  |                            |                 |         |
|----------------------------------|----------------------------|-----------------|---------|
| Mud Type: Gel Chem               | Cushion Type:              | Oil API:        | deg API |
| Mud Weight: 9.00 lb/gal          | Cushion Length: ft         | Water Satinity: | ppm     |
| Viscosity: 46.00 sec/qt          | Cushion Volume: bbl        |                 |         |
| Water Loss: 7.95 in <sup>3</sup> | Gas Cushion Type:          |                 |         |
| Resistivity: ohm.m               | Gas Cushion Pressure: psig |                 |         |
| Salinity: 2300.00 ppm            |                            |                 |         |
| Filter Cake: 1.00 inches         |                            |                 |         |

**Recovery Information**

Recovery Table

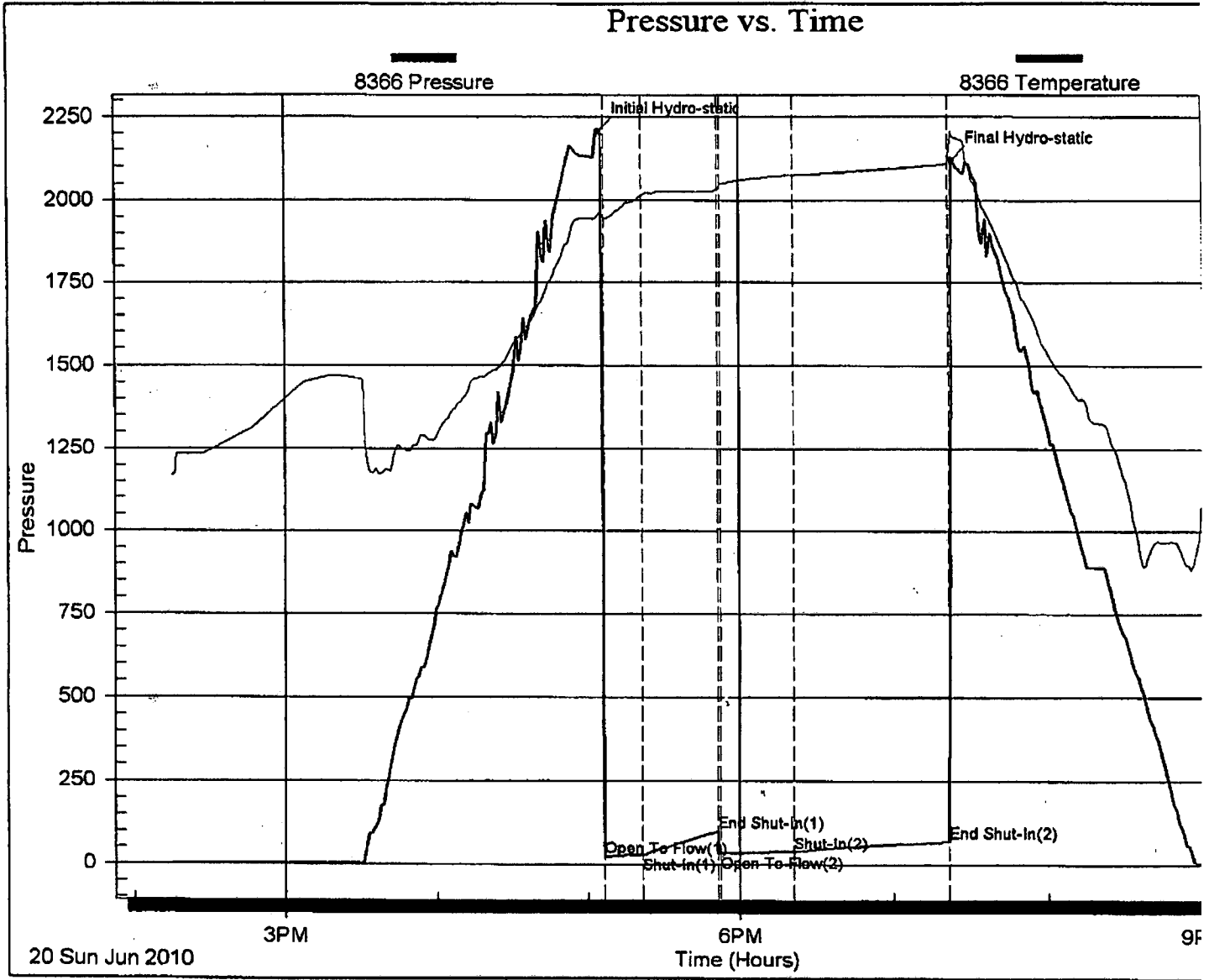
| Length ft | Description  | Volume bbl |
|-----------|--|------------|
| 30.00     | GOCM 78% <sub>m</sub> , 13% <sub>o</sub> , 9% <sub>g</sub> | 0.148      |
| 0.00      | GIP = 30'  | 0.000      |

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:





Mark Parkinson, Governor  
Thomas E. Wright, Chairman  
Joseph F. Harkins, Commissioner  
Ward Loyd, Commissioner

October 07, 2010

Thomas Larson  
Larson Engineering, Inc. dba Larson Operating  
Company  
562 W STATE RD 4  
OLMITZ, KS 67564-8561

Re: ACO1  
API 15-135-25072-00-00  
Goodman Unit 1-26  
NW/4 Sec.26-20S-26W  
Ness County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Thomas Larson