

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30931
Name: Daystar Petroleum, Inc.
Address: PO Box 360
City/State/Zip: Valley Center/KS/67147
Purchaser: NCRA
Operator Contact Person: Matt Osborn
Phone: (316) 755-3492
Contractor: Name: Murfin Drilling Company, Inc.
License: 30606
Wellsite Geologist: Brad Rine

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD

_____ Plug Back _____ Plug Back Total Depth

_____ Commingled Docket No. _____

_____ Dual Completion Docket No. _____

_____ Other (SWD or Enhr.?) Docket No. _____

| | | |
|-----------------------------------|-----------------|---|
| <u>6/20/07</u> | <u>7/05/07</u> | <u>7/31/07</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 175-22087-0000

County: Seward

 C SE NW Sec. 24 Twp. 31 S. R. 31 East West

1980 feet from S / (N) (circle one) Line of Section

1980 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Unruh B Well #: 4-24

Field Name: Thirty one SW

Producing Formation: Morrow

Elevation: Ground: 2790' Kelly Bushing: 2801'

Total Depth: 6076' Plug Back Total Depth: 5985'

Amount of Surface Pipe Set and Cemented at 1725' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to 1725' w/ 800 sx cmt.

Att-1-Dlg-2/11/09

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used Air Dry and Backfill

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Matt Osborn

Title: Operations Manager Date: 7/20/07

Subscribed and sworn to before me this 20th day of November

2007
Notary Public: Margh Beutenstein

Date Commission Expires: Sept 15, 2011

KCC Office Use ONLY

Letter of Confidentiality Received

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION
NOV 26 2007
CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

Side Two

Operator Name: Daystar Petroleum, Inc. Lease Name: Unruh B Well #: 4-24
Sec. 24 Twp. 24 S. R. 31 [] East [x] West County: Seward

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken [x] Yes [] No
Samples Sent to Geological Survey [x] Yes [] No
Cores Taken [] Yes [x] No
Electric Log Run [x] Yes [] No
List All E. Logs Run:
Dual Compensated Porosity Log
Dual Induction Log
Micro-Resistivity Log

CASING RECORD [x] New [] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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
Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Table with columns: Shots Per Foot, PERFORATION RECORD, Acid, Fracture, Shot, Cement Squeeze Record, Depth

TUBING RECORD
Size Set At Packer At Liner Run [] Yes [x] No
Date of First, Resumerd Production, SWD or Enhr. Producing Method [x] Flowing [] Pumping [] Gas Lift [] Other (Explain)
Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval
[] Vented [x] Sold [] Used on Lease [] Open Hole [x] Perf. [] Dually Comp. [] Commingled 5454-5495.5
(If vented, Submit ACO-18.) [] Other (Specify)

DST No. 1: Marmaton; 4934-5012'

30-60-60-120

Initial flow: BOB in 7"

Final Flow: BOB in 7"

Rec: 279' GIP; 388' TF

81' OSM; 62' GOCW(32 o, 8g, 28w, 32m)

123' GOCM(38g, 2o, 60m); 122'GOWCM (6g, 2o, 20w, 72m)

IFP: 40-118; FFP: 138-211

ISIP: 1214; FSIP: 1209

BHT: 119

DST No. 2: Pawnee; 5057-5103'.

30-90-90-150

Initial flow: BOB in 8 minutes

Final flow: BOB in 30 seconds

Rec: 41' GOCM (38g, 12o, 50m); 31' GMO (6g, 70o, 4w, 16m);

310' GMO (10g, 70o, 4w, 16m); 31' GMO (28g, 54o, 8w, 10m);

62' GMO (70g, 15o, 15m)

IFP: 51-138; FFP: 109-233

ISP: 1346; FSIP: 1493

BHT:126

DST No. 3; Morrow Sand; 5396-5510'

20-60-80-180

1st Open: BOB 30", GTS 5' into SI period

2nd Open: BOB Inst.; Built to 3426 MCFD in 30', Stab.@ 3177 MCFD @50'; .

Rec: 276' TF

152' SGCM (2g, 98m)

124' GOCM (30g, 10o, 60m)

IHP: 2625

FHP: 2583

IFP: 1149-919

FFP: 808-852

ISIP: 1745

FSIP: 1728

BHT: 125

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CONSERVATION DIVISION
WICHITA, KS

| Formation | Drilling Tops | |
|--------------|---------------|--------------|
| | Depth | Subsea |
| Heebner Sh | 4250 | -1449 |
| Toronto | 4266 | -1465 |
| Lansing | 4354 | -1553 |
| Stark Shale | 4797 | -1996 |
| Swope | 4808 | -2007 |
| Hushpuckney | 4854 | -2053 |
| Marmaton | 4958 | -2157 |
| Pawnee | | |
| Ft. Scott | 5109 | -2308 |
| Cherokee Sh | 5128 | -2327 |
| Atoka Sh | 5370 | -2569 |
| Morrow Sh | 5419 | -2618 |
| St. Gen | 5668 | -2867 |
| St. Louis | 5754 | -2953 |
| Spergen Por. | | |
| RTD | | |

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KANSAS CORPORATION COMMISSION
NOV 26 2007
CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

31061

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

SERVICE POINT:
Mechanicsville

| | | | | | | | |
|------------------------------------|--------------------|---|------------------|--------------------------|----------------------------|--------------------------|---------------------------|
| DATE <u>22 Jun 07</u> | SEC. <u>24</u> | TWP. <u>31s</u> | RANGE <u>31w</u> | CALLED OUT <u>2:00AM</u> | ON LOCATION <u>6:00 AM</u> | JOB START <u>10:30AM</u> | JOB FINISH <u>12:30PM</u> |
| LEASE <u>VARJUB</u> | WELL # <u>4-24</u> | LOCATION <u>US 160 S 4, at Plain SW, 4 1/2 mi, 1/2 mi E</u> | | | COUNTY <u>Seward</u> | STATE <u>Ks</u> | |
| OLD OR NEW (Circle one) <u>NEW</u> | | | | | | | |

CONTRACTOR Hamman #22

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1740

CASING SIZE 8 5/8 DEPTH 1740

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 1100 MINIMUM -

MEAS. LINE SHOE JOINT 42.68

CEMENT LEFT IN CSG. 43

PERFS.

DISPLACEMENT 109 Bbls Fresh H₂O

OWNER Daystar Petro

CEMENT

AMOUNT ORDERED 650 sx 65:35:6 +3%cc + 1/4"
Floreal AND 150 sx "A" +3%cc + 2%gel

EQUIPMENT

PUMP TRUCK CEMENTER D. Felio

343 HELPER S. Kramer

BULK TRUCK

356 DRIVER H. McMurray

BULK TRUCK

363 DRIVER L. Freeman Sr.

| | | | | |
|----------|-----------------------|---|--------------|-----------------|
| COMMON | <u>150 A</u> | @ | <u>12.60</u> | <u>1890.00</u> |
| POZMIX | | @ | | |
| GEL | <u>3</u> | @ | <u>16.65</u> | <u>49.95</u> |
| CHLORIDE | <u>26</u> | @ | <u>46.60</u> | <u>1211.60</u> |
| ASC | | @ | | |
| | <u>650 ALW</u> | @ | <u>11.85</u> | <u>7702.50</u> |
| | <u>F10 Seal 16.3</u> | @ | <u>2.00</u> | <u>326.00</u> |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| HANDLING | <u>870</u> | @ | <u>1.90</u> | <u>1653.00</u> |
| MILEAGE | <u>20 X 870 X .09</u> | | | <u>1566.00</u> |
| TOTAL | | | | <u>14399.05</u> |

REMARKS:

Pipe on Btm, Break Circ., Pump Pre-Finish, Mix 650sx 1740 weight Cement, Mix 150sx rail cement, Stop Pump, Release Plug, Start Disp., wash up on plug, See increase in PSI, Slow Rate, Bump Plug at 109 Bbls total Fresh H₂O Disp., Release PSI, Float Did Hold, Cement Did, Circ.

CHARGE TO: Daystar Petroleum

STREET _____

CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Kelly Wilson

SERVICE

| | | | |
|----------------------|--------------------|---|-----------------------------|
| DEPTH OF JOB | <u>1740'</u> | | |
| PUMP TRUCK CHARGE | | | <u>1610.00</u> |
| EXTRA FOOTAGE | | @ | |
| MILEAGE | <u>20</u> | @ | <u>6.00</u> <u>120.00</u> |
| MANIFOLD | <u>head rental</u> | @ | <u>100.00</u> <u>100.00</u> |
| | | @ | |
| TOTAL <u>1830.00</u> | | | |

8 5/8" PLUG & FLOAT EQUIPMENT

| | | | |
|----------------|---|---------------|---------------|
| 1-TRP | @ | <u>100.00</u> | <u>100.00</u> |
| 1-Guide shoe | @ | <u>250.00</u> | <u>250.00</u> |
| 1-AF J insert | @ | <u>335.00</u> | <u>335.00</u> |
| 1-Basket | @ | <u>220.00</u> | <u>220.00</u> |
| 5-centralizers | @ | <u>55.00</u> | <u>275.00</u> |

ANY APPLICABLE TAX WILL BE CHARGED UPON INVOICING

TOTAL CHARGE ~~1830.00~~

DISCOUNT ~~1180.00~~ IF PAID IN 30 DAYS

RECEIVED
KANSAS CORPORATION COMMISSION
PRINTED NAME
NOV 26 2007
CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

31118

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

SERVICE POINT:

Medicine Lodge

| | | | | | | | |
|--------------------------------|--------------------|--|------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|
| DATE <u>7-10-07</u> | SEC. <u>24</u> | TWP. <u>31S</u> | RANGE <u>31W</u> | CALLED OUT <u>6:00 A.M.</u> | ON LOCATION <u>9:15 A.M.</u> | JOB START <u>1:00 p.m.</u> | JOB FINISH <u>2:34 p.m.</u> |
| LEASE <u>UNEXP B</u> | WELL # <u>4-24</u> | LOCATION <u>1600+54 Sct. 5 west to</u> | | | COUNTY <u>Sevier</u> | STATE <u>Ks.</u> | |
| OLD OR <u>NEW</u> (Circle one) | | <u>Box 4 1/2 north, East into</u> | | | | | |

CONTRACTOR Murphy #22 OWNER Daystar Petroleum

TYPE OF JOB production

HOLE SIZE 7 7/8 T.D. 6070'

CASING SIZE 5 1/2 DEPTH 6051'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM -

MEAS. LINE SHOE JOINT 44'

CEMENT

AMOUNT ORDERED 325sx ASC + 5# Kol-Seal + 5% of 1-160

750gal Asf. 14gal - Clapro

CEMENT LEFT IN CSG. 44'

PERFS.

DISPLACEMENT 14 1/4 cals @ 20% Kcl/H₂O

| | | | |
|----------|---|----------------|------------------------|
| COMMON | @ | | |
| POZMIX | @ | | |
| GEL | @ | | |
| CHLORIDE | @ | | |
| ASC | A | 325 @ 14.90 | 4842.50 |
| Asf | | 750gal 1.00 | 750.00 |
| Clapro | | 14gal 25.00 | 350.00 |
| Kol-Seal | | 1625#@ .70 | 1137.50 |
| 1-160 | | 153#@ 10.65 | 1629.45 |
| | @ | | |
| | @ | | |
| | @ | | |
| | @ | | |
| HANDLING | | 417 @ 1.90 | 792.30 |
| MILEAGE | | 417 x 20 x .09 | 750.60 |
| | | | TOTAL <u>10,252.35</u> |

EQUIPMENT

PUMP TRUCK CEMENTER Mark C.

414 HELPER Steve K.

BULK TRUCK

363 DRIVER Randy M.

BULK TRUCK

DRIVER

REMARKS:

Pipe on bottom, break lift. Pump 750gal Asf. plug float mouse w/ 255x ASC + 5# Kol-Seal + 5% of 1-160. 3m x 300sx ASC + 5# Kol-Seal + 5% of 1-160. Stop, wash pump & lines, release disp. @ 6:00pm w/ 2% Kcl/H₂O. See lift. slow rate @ 10 cals to 3:00pm. Pump plug 700# over @ 14 1/4 cals. Advise. Float did hold.

SERVICE

| | | | |
|-------------------|------------------------------------|-----------------|-----------------------|
| DEPTH OF JOB | <u>6051</u> | | |
| PUMP TRUCK CHARGE | | <u>2,200.00</u> | |
| EXTRA FOOTAGE | @ | | |
| MILEAGE | <u>20</u> @ <u>6.00</u> | | <u>120.00</u> |
| MANIFOLD | <u>Head Rental</u> @ <u>100.00</u> | | <u>100.00</u> |
| | @ | | |
| | @ | | |
| | | | TOTAL <u>2,420.00</u> |

CHARGE TO: Daystar Petroleum

STREET _____

CITY _____ STATE _____ ZIP _____

5 1/2" PLUG & FLOAT EQUIPMENT

| | | |
|-----------------------|-------------|----------|
| 1-APJ Float Shoe | 1 @ 470.00 | 470.00 |
| 1-Basket | 1 @ 1165.00 | 1165.00 |
| 1-Stop ring | 1 @ 25.00 | 25.00 |
| 1-Latch Down A | 1 @ 410.00 | 410.00 |
| 15-Turbolizers | 15 @ 70.00 | 1,050.00 |
| TOTAL <u>2,120.00</u> | | |

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

ANY APPLICABLE TAX WILL BE CHARGED UPON INVOICING

TOTAL CHARGE [scribble]

DISCOUNT [scribble] IF PAID IN 30 DAYS

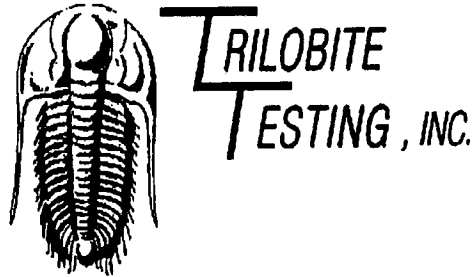
SIGNATURE [Signature]

[Signature] RECEIVED
KANSAS CORPORATION COMMISSION
PRINTED NAME

NOV 26 2007

CONSERVATION DIVISION
WICHITA, KS

15-175-22087-0000



DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum**

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

24 31 31 Seward KS

Unruh "B" 4-24

Start Date: 2007.06.29 @ 00:00:16

End Date: 2007.06.29 @ 11:56:46

Job Ticket #: 27323 DST #: 1

RECEIVED
KANSAS CORPORATION COMMIS:

DEC 31 2007

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

CONSERVATION DIVISION
WICHITA, KS

Daystar Petroleum

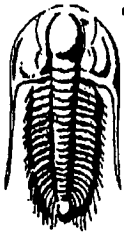
Unruh "B" 4-24

24 31 31 Seward KS

DST # 1

Marmaton

2007.06.29



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Daystar Petroleum
PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh "B" 4-24
24 31 31 Seward KS
Job Ticket: 27323 **DST#: 1**
Test Start: 2007.06.29 @ 00:00:16

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:02:46
Time Test Ended: 11:56:46

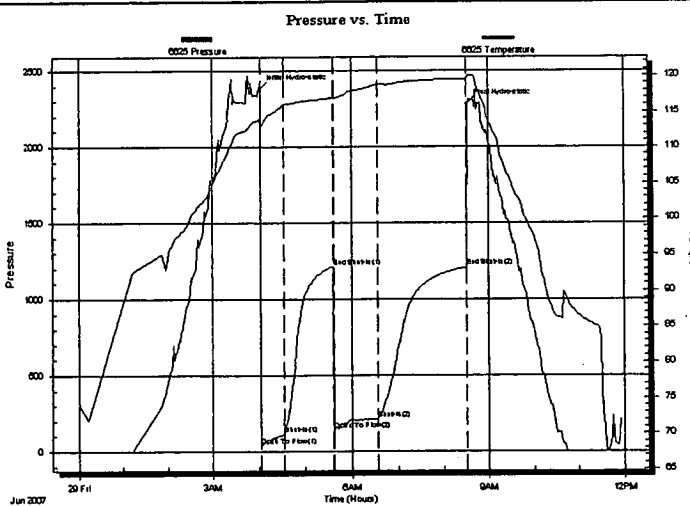
Interval: **4934.00 ft (KB) To 5012.00 ft (KB) (TVD)**
Total Depth: **5012.00 ft (KB) (TVD)**
Hole Diameter: **7.78 inches** Hole Condition: Fair

Test Type: Conventional Bottom Hole
Tester: Delton Brown
Unit No: 20

Reference Elevations: **2801.00 ft (KB)**
2790.00 ft (CF)
KB to GR/CF: **11.00 ft**

Serial #: 6625 Inside
Press@RunDepth: **210.83 psig @ 4937.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2007.06.29** End Date: **2007.06.29** Last Calib.: **1899.12.30**
Start Time: **00:00:17** End Time: **11:56:46** Time On Btm: **2007.06.29 @ 04:02:16**
Time Off Btm: **2007.06.29 @ 08:31:46**

TEST COMMENT: IF Strong blow BOB 7 min.
ISI No return blow
FF Strong blow BOB 7 min.
FSI No return blow



PRESSURE SUMMARY

| Time (Mn.) | Pressure (psig) | Temp (deg F) | Annotation |
|------------|-----------------|--------------|----------------------|
| 0 | 2385.53 | 113.95 | Initial Hydro-static |
| 1 | 40.49 | 113.17 | Open To Flow (1) |
| 31 | 117.66 | 115.97 | Shut-In(1) |
| 94 | 1214.29 | 116.85 | End Shut-In(1) |
| 95 | 138.18 | 116.66 | Open To Flow (2) |
| 152 | 210.83 | 118.73 | Shut-In(2) |
| 269 | 1209.30 | 119.50 | End Shut-In(2) |
| 270 | 2278.85 | 119.80 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------|--------------|
| 81.00 | OspotM 100%M | 0.40 |
| 62.00 | GOcMW 32%G 8%O 28%W 32%M | 0.30 |
| 62.00 | GOcM 4%G 2%O 60%M | 0.30 |
| 61.00 | GOcM 8%G 2%O 60%M | 0.30 |
| 122.00 | OcVM 6%G 2%O 20%W 72%M | 0.78 |

Gas Rates

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

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CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum
PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh "B" 4-24
24 31 31 Seward KS
Job Ticket: 27323 **DST#: 1**
Test Start: 2007.06.29 @ 00:00:16

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4565.00 ft | Diameter: 3.80 inches | Volume: 64.03 bbl | Tool Weight: 2000.00 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: 368.00 ft | Diameter: 2.25 inches | Volume: 1.81 bbl | Weight to Pull Loose: 98000.00 lb |
| | | | <u>Total Volume: 65.84 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 26.00 ft | | | String Weight: Initial 84000.00 lb |
| Depth to Top Packer: | 4934.00 ft | | | Final 90000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 78.00 ft | | | |
| Tool Length: | 105.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|---------------|------------|----------|------------|------------------------------------|
| Change Over Sub | 1.00 | | | 4908.00 | |
| Shut In Tool | 5.00 | | | 4913.00 | |
| Hydraulic tool | 5.00 | | | 4918.00 | |
| Jars | 5.00 | | | 4923.00 | |
| Safety Joint | 2.00 | | | 4925.00 | |
| Packer | 5.00 | | | 4930.00 | 27.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4934.00 | |
| Stubb | 1.00 | | | 4935.00 | |
| Perforations | 2.00 | | | 4937.00 | |
| Recorder | 0.00 | 6625 | Inside | 4937.00 | |
| Change Over Sub | 1.00 | | | 4938.00 | |
| Drill Pipe | 60.00 | | | 4998.00 | |
| Change Over Sub | 1.00 | | | 4999.00 | |
| Perforations | 10.00 | | | 5009.00 | |
| Recorder | 0.00 | 13761 | Inside | 5009.00 | |
| Bullnose | 3.00 | | | 5012.00 | 78.00 Bottom Packers & Anchor |
| Total Tool Length: | 105.00 | | | | |

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DEC 31 2007

CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum
PO Box 360
Valley Center KS 67147
ATTN: Brad Rine

Unruh "B" 4-24
24 31 31 Seward KS
Job Ticket: 27323 DST#: 1
Test Start: 2007.06.29 @ 00:00:16

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: 73000 ppm | |
| Viscosity: 55.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 7.96 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 1800.00 ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------------|---------------|
| 81.00 | OspotM 100%M | 0.398 |
| 62.00 | GOcMMV 32%G 8%O 28%W 32%M | 0.305 |
| 62.00 | GOcM 4%G 2%O 60%M | 0.305 |
| 61.00 | GOcM 8%G 2%O 60%M | 0.300 |
| 122.00 | OcVM 6%G 2%O 20%W 72%M | 0.782 |

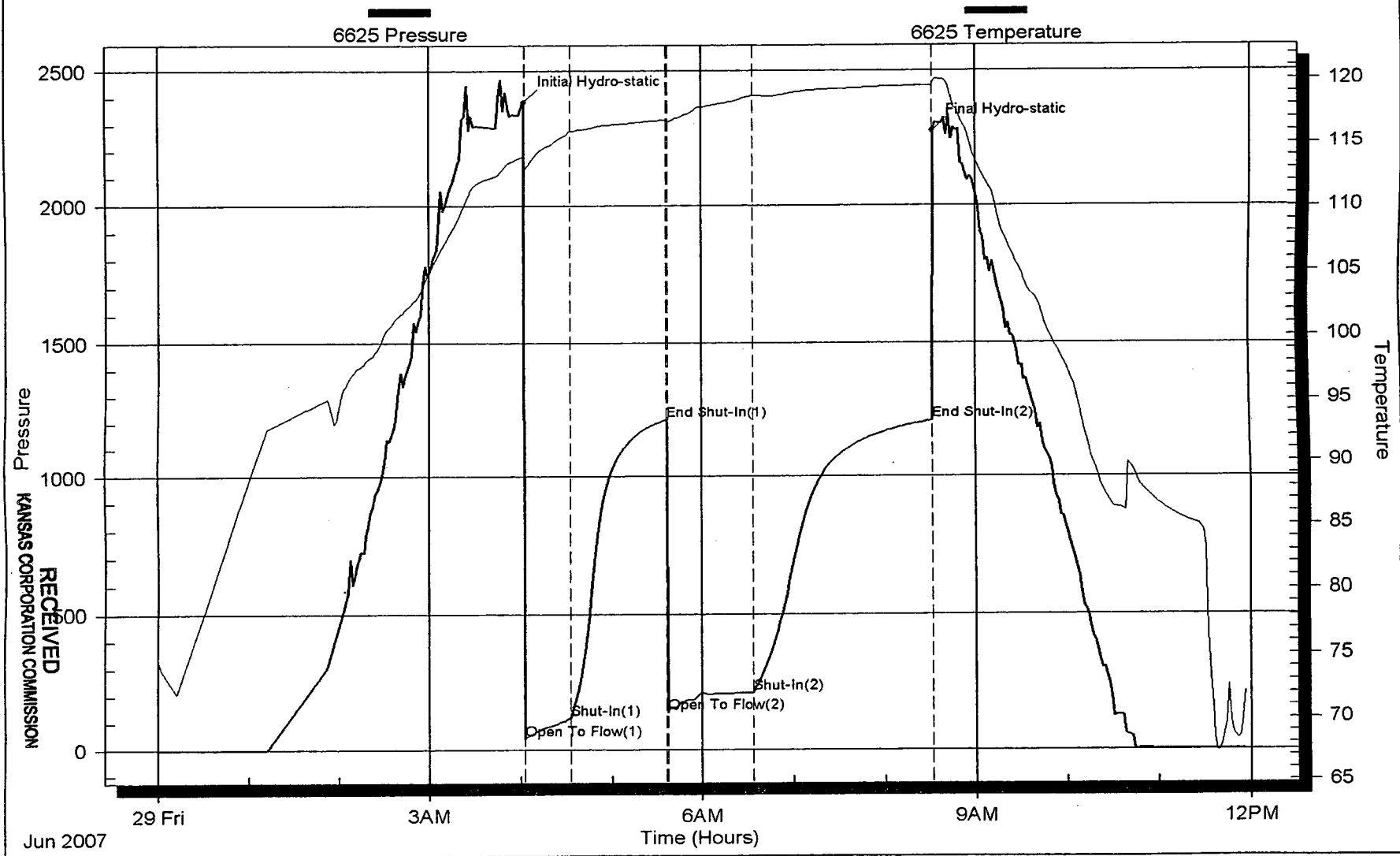
Total Length: 388.00 ft Total Volume: 2.090 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW=.125@65F=73000ppm

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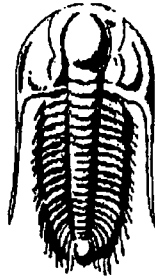
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CONSERVATION DIVISION
WICHITA, KS

Pressure vs. Time



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JUN 21 2007
WICHITA KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum**

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

24 31 31 Seward KS

Unruh "B" 4-24

Start Date: 2007.06.30 @ 02:23:26

End Date: 2007.06.30 @ 13:14:41

Job Ticket #: 27324 DST #: 2

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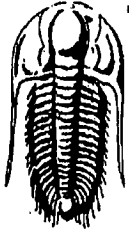
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CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Daystar Petroleum
PO Box 360
Valley Center KS 67147
ATTN: Brad Rine

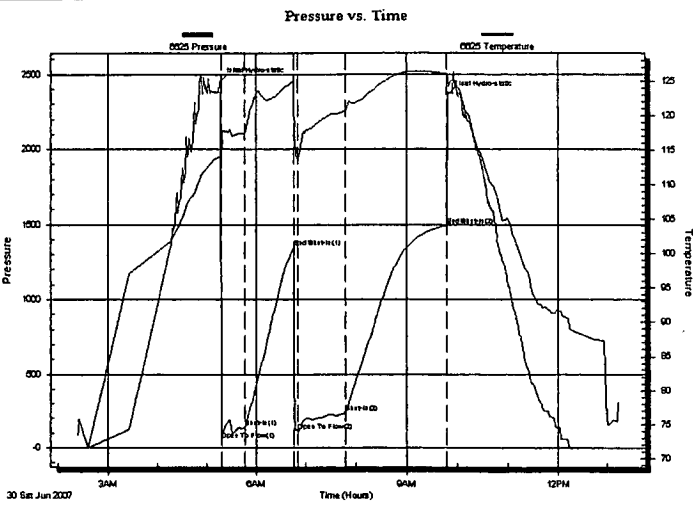
Unruh "B" 4-24
24 31 31 Seward KS
Job Ticket: 27324 **DST#: 2**
Test Start: 2007.06.30 @ 02:23:26

GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:17:41
Time Test Ended: 13:14:41
Interval: **5057.00 ft (KB) To 5103.00 ft (KB) (TVD)**
Total Depth: **5103.00 ft (KB) (TVD)**
Hole Diameter: **7.78 inches** Hole Condition: Fair
Reference Elevations: **2801.00 ft (KB)**
2790.00 ft (CF)
KB to GR/CF: **11.00 ft**

Serial #: 6625 **Inside**
Press@RunDepth: **233.36 psig @ 5058.00 ft (KB)**
Start Date: **2007.06.30** End Date: **2007.06.30**
Start Time: **02:23:27** End Time: **13:14:41**
Capacity: **7000.00 psig**
Last Calib.: **1899.12.30**
Time On Btm: **2007.06.30 @ 05:17:11**
Time Off Btm: **2007.06.30 @ 09:47:41**

TEST COMMENT: IF Strong blow BOB 8 min.
ISI No return blow
FF Strong blow BOB 30 sec. GTS 5 min.
FSI



PRESSURE SUMMARY

| Time (Mn.) | Pressure (psig) | Temp (deg F) | Annotation |
|------------|-----------------|--------------|----------------------|
| 0 | 2450.46 | 114.21 | Initial Hydro-static |
| 1 | 51.77 | 112.38 | Open To Flow (1) |
| 30 | 137.98 | 117.52 | Shut-In(1) |
| 89 | 1346.40 | 124.95 | End Shut-In(1) |
| 94 | 109.07 | 113.62 | Open To Flow (2) |
| 150 | 233.36 | 120.66 | Shut-In(2) |
| 270 | 1493.14 | 126.06 | End Shut-In(2) |
| 271 | 2361.29 | 125.62 | Final Hydro-static |

Recovery

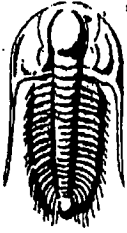
| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------|--------------|
| 41.00 | GOcM38%G 12%O 50%M | 0.20 |
| 31.00 | GMO 6%G 70%O 8%W 16%M | 0.15 |
| 310.00 | GMO 10%G 70%O 4%W 16%M | 1.65 |
| 31.00 | GMO 28%G 54%O 8%W 10%M | 0.43 |
| 62.00 | GMO 70%G 15%O 15%M | 0.87 |

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|----------------|-----------------|------------------|
| First Gas Rate | 0.13 | 7.50 | 8.20 |
| Last Gas Rate | 0.13 | 16.00 | 11.38 |
| Max. Gas Rate | 0.13 | 16.00 | 11.38 |

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum
PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh "B" 4-24
24 31 31 Seward KS
Job Ticket: 27324 **DST#: 2**
Test Start: 2007.06.30 @ 02:23:26

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|-----------------------------------|
| Drill Pipe: | Length: 4686.00 ft | Diameter: 3.80 inches | Volume: 65.73 bbl | Tool Weight: 2000.00 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: 368.00 ft | Diameter: 2.25 inches | Volume: 1.81 bbl | Weight to Pull Loose: lb |
| | | | <u>Total Volume: 67.54 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 24.00 ft | | | String Weight: Initial lb |
| Depth to Top Packer: | 5057.00 ft | | | Final lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 46.00 ft | | | |
| Tool Length: | 73.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

Tool Description

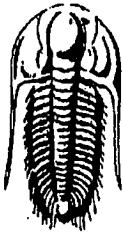
Length (ft) Serial No. Position Depth (ft) Accum. Lengths

| | | | | | |
|---------------------------|--------------|-------|--------|---------|------------------------------------|
| Change Over Sub | 1.00 | | | 5031.00 | |
| Shut In Tool | 5.00 | | | 5036.00 | |
| Hydraulic tool | 5.00 | | | 5041.00 | |
| Jars | 5.00 | | | 5046.00 | |
| Safety Joint | 2.00 | | | 5048.00 | |
| Packer | 5.00 | | | 5053.00 | 27.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 5057.00 | |
| Stubb | 1.00 | | | 5058.00 | |
| Recorder | 0.00 | 6625 | Inside | 5058.00 | |
| Change Over Sub | 1.00 | | | 5059.00 | |
| Drill Pipe | 31.00 | | | 5090.00 | |
| Change Over Sub | 1.00 | | | 5091.00 | |
| Perforations | 9.00 | | | 5100.00 | |
| Recorder | 0.00 | 13761 | Inside | 5100.00 | |
| Bullnose | 3.00 | | | 5103.00 | 46.00 Bottom Packers & Anchor |
| Total Tool Length: | 73.00 | | | | |

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WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum
PO Box 360
Valley Center KS 67147
ATTN: Brad Rine

Unruh "B" 4-24
24 31 31 Seward KS
Job Ticket: 27324 DST#: 2
Test Start: 2007.06.30 @ 02:23:26

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: 50.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 7.97 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 2100.00 ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------------|---------------|
| 41.00 | GOcM 38%G 12%O 50%M | 0.202 |
| 31.00 | GMO 6%G 70%O 8%W 16%M | 0.152 |
| 310.00 | GMO 10%G 70%O 4%W 16%M | 1.652 |
| 31.00 | GMO 28%G 54%O 8%W 10%M | 0.435 |
| 62.00 | GMO 70%G 15%O 15%M | 0.870 |

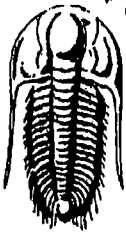
Total Length: 475.00 ft Total Volume: 3.311 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: Gravity=40API@90F=37API

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WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Daystar Petroleum
PO Box 360
Valley Center KS 67147

Unruh "B" 4-24
24 31 31 Seward KS
Job Ticket: 27324 **DST#: 2**
Test Start: 2007.06.30 @ 02:23:26

ATTN: Brad Rine

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

| Flow Period | Elapsed Time | Choke (mm) | Pressure (kPaa) | Gas Rate (m ³ /d) |
|-------------|--------------|------------|-----------------|------------------------------|
| 2 | 10 | 0.13 | 7.50 | 8.20 |
| 2 | 20 | 0.13 | 9.00 | 8.76 |
| 2 | 30 | 0.13 | 11.00 | 9.51 |
| 2 | 40 | 0.13 | 13.00 | 10.26 |
| 2 | 50 | 0.13 | 15.00 | 11.00 |
| 2 | 60 | 0.13 | 16.00 | 11.38 |

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