



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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 #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1088284

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. 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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|---|---|

| CASING RECORD <input 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 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

| | | | | | |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|

| | | |
|---|--|--|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL: _____ _____ |
|---|--|--|

| | |
|-----------|---|
| Form | ACO1 - Well Completion |
| Operator | Carrie Exploration & Development, a General Partnership |
| Well Name | DOXON/BUNKER C-1 |
| Doc ID | 1088284 |

Tops

| Name | Top | Datum |
|---------------|------|-------|
| ANHYDRITE TOP | 1782 | +587 |
| TOPEKA | 3405 | -1036 |
| HEEBNER SHALE | 3624 | -1255 |
| TORONTO | 3645 | -1276 |
| LKC | 3658 | -1289 |
| BKC | 3893 | -1524 |
| MARMATON | 3983 | -1614 |
| ARBUCKLE | 4059 | -1690 |
| RTD | 4136 | -1767 |
| LTD | 4139 | -1770 |

OPERATOR

Company: CARRIE EXPLORATION
 Address: 210 W 22ND
 HAYS, KS 67601

Contact Geologist: RON HEROLD
 Contact Phone Nbr: (785) 625-9318
 Well Name: DOXON/BUNKER C #1
 Location: N2 SW SW NE 23-12S-22W
 Pool:
 State: KANSAS

API: 15-195-22761
 Field: OGALLAH NORTH
 Country: USA

Scale 1:240 Imperial

Well Name: DOXON/BUNKER C #1
 Surface Location: N2 SW SW NE 23-12S-22W
 Bottom Location:
 API: 15-195-22761
 License Number: 6768
 Spud Date: 2/1/2012 Time: 3:34 PM
 Region: TREGO
 Drilling Completed: 2/10/2012 Time: 1:47 AM
 Surface Coordinates: 2194' FNL & 2310' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 2362.00ft
 K.B. Elevation: 2369.00ft
 Logged Interval: 0.00ft To: 4139.00ft
 Total Depth: 4136.00ft
 Formation:
 Drilling Fluid Type: FRESH WATER/CHEMICAL GEL

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: -99.7312099 Latitude: 38.9941957
 N/S Co-ord: 2194' FNL
 E/W Co-ord: 2310' FEL

LOGGED BY

Company: SOLUTIONS CONSULTING
 Address: 108 W 35TH
 HAYS, KS 67601

Phone Nbr: (785) 259-3737
 Logged By: Geologist

Name: JEFF LAWLER

CONTRACTOR

Contractor: SOUTHWIND DRILLING, INC.
 Rig #: 4
 Rig Type: MUD ROTARY
 Spud Date: 2/1/2012 Time: 3:34 PM
 TD Date: 2/10/2012 Time: 1:47 AM
 Rig Release: 2/12/2012 Time: 12:00 AM

ELEVATIONS

K.B. Elevation: 2369.00ft Ground Elevation: 2362.00ft
 K.B. to Ground: 7.00ft


NOTES

NOTES
 DECISION WAS MADE BY THE OPERATOR TO RUN 5 1/2" X 15.5# PRODUCTION CASING TO FURTHER EVALUATE ZONES FAVORABLE WITH LOG ANALYSIS AND DST RECOVERY.

RESPECTFULLY SUBMITTED,
 JEFF LAWLER

| FORMATION | DOXON/BUNKER C #1 | | STANTON #1 | | NIXON #2 | | NIXON #1 | | STECKLINE #1 | | STECKLINE #2 | | | | | | | | |
|-----------------|------------------------|-------------|-------------------|------------|------------|------------|-------------------|------------|--------------|------------|--------------|------------|-------|-------|-------|-------|-------|-------|------|
| | N2 SW SW NE 23-125-23W | | N2 NE SW 23-12-22 | | LEGAL | | NE SW NW 23-12-22 | | NW NW SW | | NW NW SW | | | | | | | | |
| | KB 2369 | | KB 2383 | | KB 2386 | | KB 2375 | | KB 2382 | | KB 2386 | | | | | | | | |
| | LOG TOPS | SAMPLE TOPS | COMP. CARD | COMP. CARD | COMP. CARD | COMP. CARD | COMP. CARD | COMP. CARD | COMP. CARD | COMP. CARD | COMP. CARD | COMP. CARD | | | | | | | |
| DEPTH | DATUM | DEPTH | DATUM | DEPTH | DATUM | CORR. | DEPTH | DATUM | CORR. | DEPTH | DATUM | CORR. | DEPTH | DATUM | CORR. | DEPTH | DATUM | CORR. | |
| ANHYDRITE TOP | 1782 | 587 | 1782 | 587 | 1796 | 587 | + 0 | 1803 | 583 | + 4 | 1802 | 573 | + 14 | 1800 | 582 | + 5 | 1805 | 581 | + 6 |
| BASE | 1827 | 542 | 1803 | 566 | 1840 | 543 | + 23 | 1847 | 539 | + 27 | | | | 1846 | 536 | + 30 | | | |
| TARKIO | | | | | | | | | | | | | | | | | | | |
| TOPEKA | 3405 | -1036 | 3405 | -1036 | 3407 | -1024 | - 12 | 3410 | -1024 | - 12 | 3409 | -1034 | - 2 | 3408 | -1026 | - 10 | 3420 | -1034 | - 2 |
| OREAD | | | | | | | | | | | | | | | | | | | |
| HEBNER SHALE | 3624 | -1255 | 3623 | -1254 | 3625 | -1242 | - 12 | 3625 | -1239 | - 15 | 3626 | -1251 | - 3 | 3626 | -1244 | - 10 | 3626 | -1240 | - 14 |
| TORONTO | 3645 | -1276 | 3642 | -1273 | 3639 | -1256 | - 17 | 3644 | -1258 | - 15 | | | | 3645 | -1263 | - 10 | 3658 | -1272 | - 1 |
| DOUGLAS | | | | | | | | | | | | | | | | | | | |
| BROWN LIME | | | | | | | | | | | | | | | | | | | |
| LKC | 3658 | -1289 | 3658 | -1289 | 3655 | -1272 | - 17 | 3658 | -1272 | - 17 | 3660 | -1285 | - 4 | 3659 | -1277 | - 12 | 3671 | -1285 | - 4 |
| BKC | 3893 | -1524 | 3898 | -1529 | 3890 | -1507 | - 22 | 3901 | -1515 | - 14 | 3900 | -1525 | - 4 | 3900 | -1518 | - 11 | 3913 | -1527 | - 2 |
| MARMATON | | | | | 3912 | -1529 | | | | | | | | | | | | | |
| MARMATON/PAWNEE | 3983 | -1614 | 3996 | -1627 | 3986 | -1603 | - 24 | 3992 | -1606 | - 21 | 3988 | -1613 | - 14 | 3990 | -1608 | - 19 | 4002 | -1616 | - 11 |
| VIGLA | | | | | | | | | | | | | | | | | | | |
| SIMPSON SHALE | | | | | | | | | | | | | | | | | | | |
| ARBUCKLE | 4059 | -1690 | 4063 | -1694 | 4064 | -1681 | - 13 | 4079 | -1693 | - 1 | 4070 | -1695 | + 1 | 4070 | -1688 | - 6 | 4065 | -1679 | - 15 |
| RTD | | | 4136 | -1767 | | | | 4082 | -1696 | - 71 | | | | 4102 | -1720 | - 47 | 4089 | -1703 | - 64 |
| LTD | 4139 | -1770 | | | | | | | | | | | | | | | | | |

DST #1 LKC "A_B"

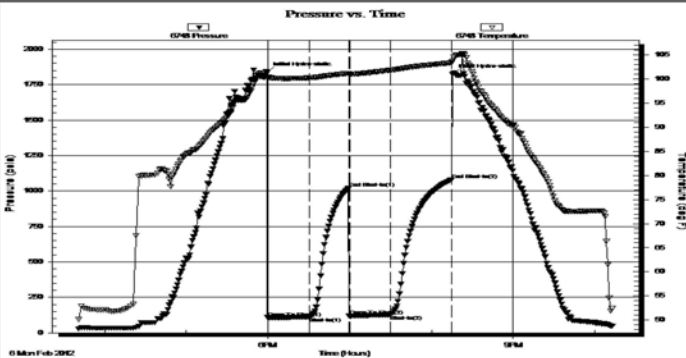
| | | |
|--|--|--|
|  | DRILL STEM TEST REPORT | |
| | Carrie Exploration 210 West 22ND Hays, Kansas 67601 ATTN: Jeff Lawler | 23/12S/22W/Trego Doxon/Bunker #C-1 Job Ticket: 17152 DST#: 1 Test Start: 2012.02.06 @ 15:40:00 |

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:00:00
 Time Test Ended: 22:12:30
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/50
 Interval: **3648.00 ft (KB) To 3690.00 ft (KB) (TVD)**
 Total Depth: 3690.00 ft (KB) (TVD)
 Reference Elevations: 2369.00 ft (KB)
 2362.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 6748 **Inside**
 Press@RunDepth: 127.97 psia @ 3686.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.02.06 End Date: 2012.02.06 Last Calib.: 2012.02.06
 Start Time: 15:40:00 End Time: 22:12:30 Time On Btm: 2012.02.06 @ 17:59:00
 Time Off Btm: 2012.02.06 @ 20:15:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow /Blow built to 1 inch
 1ST Shut In 30 Minutes/No blow back
 2ND Open 30 Minutes/No blow /Flush tool/Very weak surface blow /Blow died in 3 minutes
 2ND Shut In 30 Minutes/No blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1839.66 | 101.32 | Initial Hydro-static |
| 1 | 106.54 | 100.41 | Open To Flow (1) |
| 31 | 112.52 | 100.19 | Shut-In(1) |
| 60 | 1020.01 | 101.12 | End Shut-In(1) |
| 61 | 119.11 | 100.92 | Open To Flow (2) |
| 91 | 127.97 | 101.76 | Shut-In(2) |
| 136 | 1079.78 | 103.31 | End Shut-In(2) |
| 137 | 1823.97 | 103.70 | Final Hydro-static |


Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 15.00 | Mud 100% | 0.07 |
| | | |
| | | |
| | | |

Gas Rates

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

DST #2 LKC 'C'

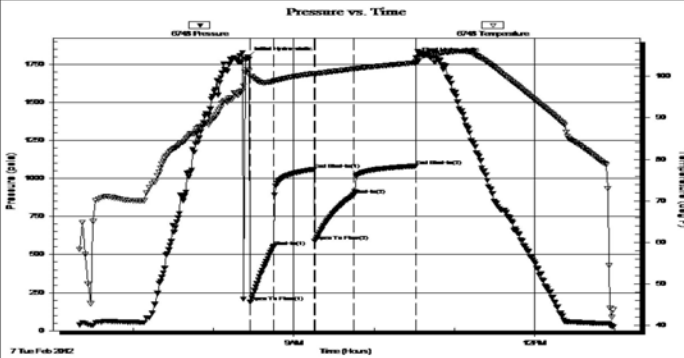
| | | |
|---|---|--|
|  | DRILL STEM TEST REPORT | |
| | Carrie Explortation 210 West 22ND Hays, Kansas 67601 ATTN: Jeff Lawler | 23/12S/22W/Trego Doxon/Bunker #C-1 Job Ticket: 17153 DST#: 2 Test Start: 2012.02.07 @ 06:19:00 |

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:27:30
 Time Test Ended: 12:59:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/50
 Interval: **3685.00 ft (KB) To 3715.00 ft (KB) (TVD)**
 Total Depth: 3715.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 2369.00 ft (KB)
 2362.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6748 Inside
 Press@RunDepth: 894.10 psia @ 3711.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.02.07 End Date: 2012.02.07 Last Calib.: 2012.02.07
 Start Time: 06:19:00 End Time: 12:59:00 Time On Btm: 2012.02.07 @ 08:25:30
 Time Off Btm: 2012.02.07 @ 10:31:30

TEST COMMENT: 1ST Open 15 Minutes/Strong blow /Blow to bottom of bucket in 2 minutes
 1ST Shut In 30 Minutes/No blow back
 2ND Open 30 Minutes/Strong blow /Blow to bottom of bucket in 2 minutes
 2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1797.20 | 101.64 | Initial Hydro-static |
| 3 | 190.33 | 99.93 | Open To Flow (1) |
| 20 | 554.18 | 98.77 | Shut-In(1) |
| 50 | 1059.75 | 100.67 | End Shut-In(1) |
| 50 | 589.32 | 100.45 | Open To Flow (2) |
| 80 | 894.10 | 101.77 | Shut-In(2) |
| 126 | 1081.78 | 103.26 | End Shut-In(2) |
| 126 | 1792.75 | 103.66 | Final Hydro-static |


Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------------------|--------------|
| 240.00 | Muddy Water | 2.35 |
| 0.00 | Mud 50% Water 50% | 0.00 |
| 1230.00 | Muddy Water | 17.99 |
| 0.00 | Mud 5% Water 95% | 0.00 |
| 0.00 | Recovery Chlorides 108000 ppm | 0.00 |
| 0.00 | Recov. Resist. .11 ohms @ 68 degrees | 0.00 |

Gas Rates

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

DST #3 MARMATON/PAWNEE

| | | |
|---|---|--|
|  | DRILL STEM TEST REPORT | |
| | Carrie Explortation 210 West 22ND Hays, Kansas 67601 ATTN: Jeff Lawler | 23/12S/22W/Trego Doxon/Bunker #C-1 Job Ticket: 17154 DST#: 3 Test Start: 2012.02.09 @ 20:56:00 |

GENERAL INFORMATION:

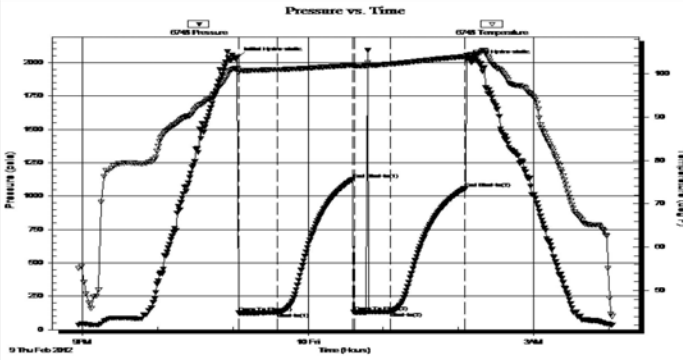
Formation: **Marmaton/Pawnee**

Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:05:00
 Time Test Ended: 04:02:30
Interval: 3990.00 ft (KB) To 4035.00 ft (KB) (TVD)
 Total Depth: 4035.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/50
 Reference Elevations: 2369.00 ft (KB)
 2362.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6748 Inside
 Press@RunDepth: 134.36 psia @ 4031.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.02.09 End Date: 2012.02.10 Last Calib.: 2012.02.09
 Start Time: 20:56:00 End Time: 04:02:30 Time On Btm: 2012.02.09 @ 23:03:30
 Time Off Btm: 2012.02.10 @ 02:06:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow /Blow built to 2 inches
 1ST Shut In 60 Minutes/No blow back
 2ND Open 30 Minutes/No blow /Flush tool/Didnt help
 2ND Shut In 60 Minutes/No blow back



| PRESSURE SUMMARY | | | |
|------------------|-----------------|--------------|----------------------|
| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
| 0 | 2041.19 | 101.28 | Initial Hydro-static |
| 2 | 125.57 | 100.84 | Open To Flow (1) |
| 32 | 127.37 | 101.00 | Shut-In(1) |
| 92 | 1124.65 | 101.99 | End Shut-In(1) |
| 94 | 130.82 | 101.77 | Open To Flow (2) |
| 122 | 134.36 | 102.26 | Shut-In(2) |
| 182 | 1058.94 | 104.00 | End Shut-In(2) |
| 183 | 2019.26 | 104.30 | Final Hydro-static |

| Recovery | | |
|-------------|----------------------|--------------|
| Length (ft) | Description | Volume (bbl) |
| 10.00 | Slightly oil cut mud | 0.05 |
| 0.00 | Oil 2% Mud 98% | 0.00 |
| | | |
| | | |
| | | |

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

DST #4 ARBUCKLE

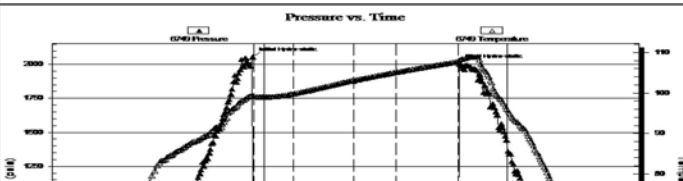


DRILL STEM TEST REPORT
 Carrie Exploraton **23/12S/22W/Trego**
 210 West 22ND **Doxon/Bunker #C-1**
 Hays, Kansas 67601 Job Ticket: 17155 **DST#: 4**
 ATTN: Jeff Lawler Test Start: 2012.02.09 @ 12:42:00

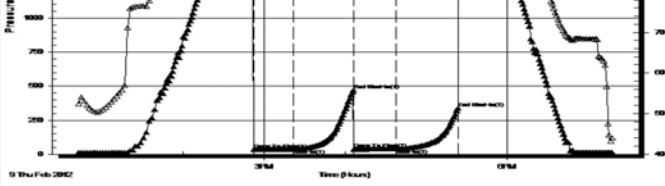
GENERAL INFORMATION:
 Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 14:52:30 Tester: Ken Swinney
 Time Test Ended: 19:18:00 Unit No: 3325 Hays/50
Interval: 4044.00 ft (KB) To 4070.00 ft (KB) (TVD) Reference Elevations: 2369.00 ft (KB)
 Total Depth: 4070.00 ft (KB) (TVD) 2362.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 6749 Outside
 Press@RunDepth: 38.83 psia @ 4067.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.02.09 End Date: 2012.02.09 Last Calib.: 2012.02.09
 Start Time: 12:42:00 End Time: 19:18:00 Time On Btm: 2012.02.09 @ 14:51:30
 Time Off Btm: 2012.02.09 @ 17:24:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow /Blow built to 1 inch
 1ST Shut In 45 Minutes/No blow back
 2ND Open 30 Minutes/No blow /Flush tool/Didnt help
 2ND Shut In 45 Minutes/No blow back



| PRESSURE SUMMARY | | | |
|------------------|-----------------|--------------|----------------------|
| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
| 0 | 2053.49 | 99.40 | Initial Hydro-static |
| 1 | 36.94 | 99.05 | Open To Flow (1) |
| 30 | 37.18 | 99.78 | Shut-In(1) |
| 75 | 469.78 | 103.14 | End Shut-In(1) |
| 75 | 37.43 | 102.93 | Open To Flow (2) |



| | | | |
|-----|---------|--------|--------------------|
| 107 | 38.83 | 105.11 | Shut-In(2) |
| 152 | 339.90 | 107.72 | End Shut-In(2) |
| 154 | 2002.61 | 108.16 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------|--------------|
| 5.00 | Slightly oil cut Mud | 0.02 |
| 0.00 | Oil 2% Mud 98% | 0.00 |
| | | |
| | | |
| | | |

Gas Rates

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

Superior Testers Enterprises LLC

Ref. No: 17155

Printed: 2012.02.09 @ 19:29:39

ROCK TYPES

| | | | |
|----------|-----------|------------|------------|
| Cht | Dolprim | shale, grn | shale, red |
| Cht vari | Dolsec | shale, gry | Ss |
| Chtcongl | Lmst fw7> | Carbon Sh | |

ACCESSORIES

MINERAL

- * Sandy
- △ Chert White

STRINGER

- ~~~~ Chert

OTHER SYMBOLS

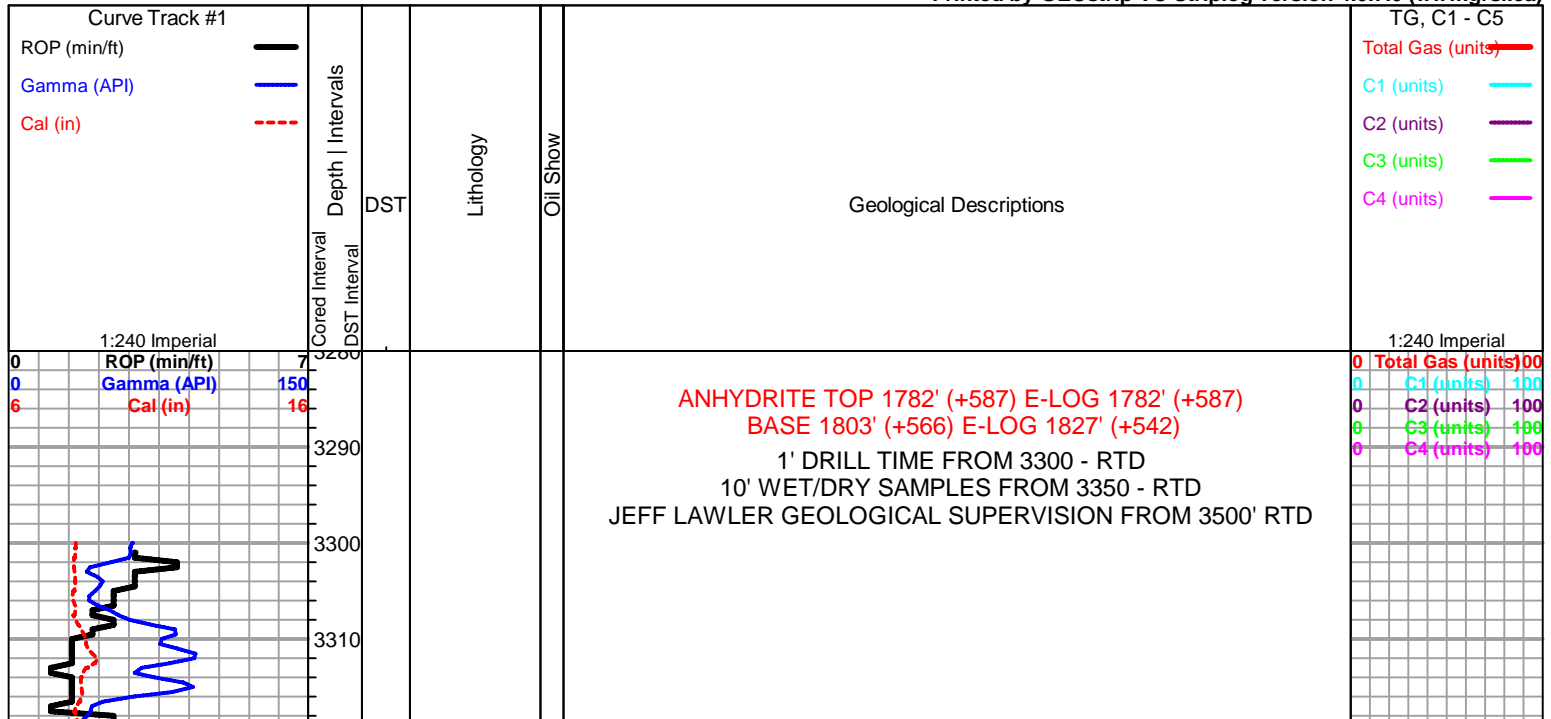
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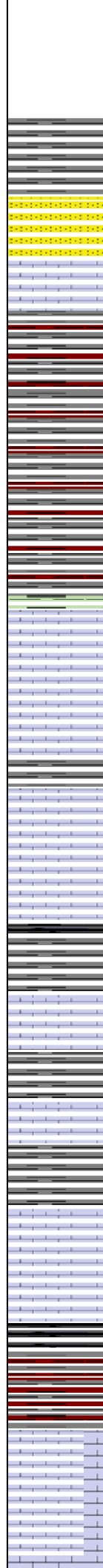
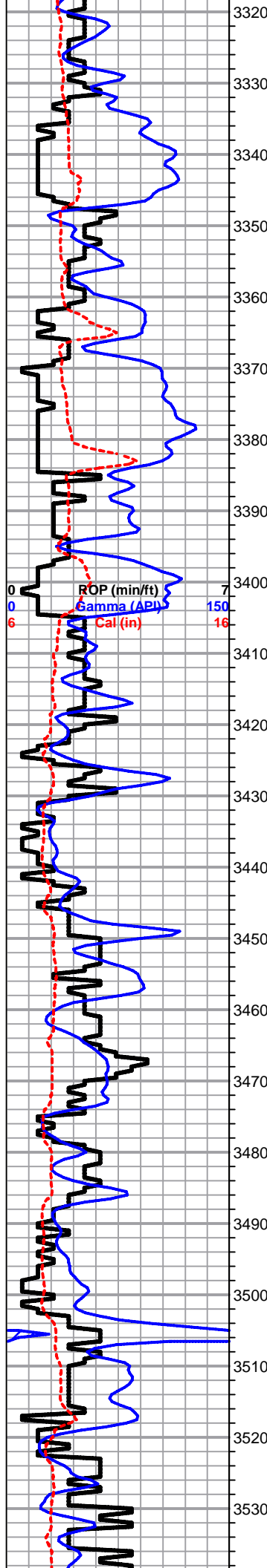
- Daily Report
- Digital Photo
- Document
- Folder
- Link
- Vertical Log File
- Horizontal Log File
- Core Log File
- Drill Cuttings Rpt

DST

- DST Int
- DST alt
- Core

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)





3340 Sh- Gray Red Maroon

3350 Ss- Dove Gray, VF gr., consolidated & well sorted, glauconite speckled, friable, clean & barren, abundant shale *samples ground up*

3360 Lm- Cream, VF, cryptocrystalline, dense, semi-brittle, little visible porosity, few fine gr. Ss clusters, clear, friable, glauconite speckled, abundant shale *samples ground up*

Sh- multi-colored abundant slivers & chips, light purple & red sticky argillaceous clumps

3380 Sh- Gray Red Marron, dense well compacted slivers, gritty earthy chips, few clusters of VF gr, semi-silty Ss, consolidated, loosely cemented, slightly speckled w/ glauconite

3400 Sh- A/A, w/ lime green dense slivers

TOPEKA 3405' (-1036) E-LOG 3405' (-1036) Lm- Cream Lt Gray, F-Med gr., granular, consolidated & well cemented, silty mud supported matrix w/ pinpoint porosity, few chips of trashy bio-clastic mud supported siltstone

Lm- Lt & Drk Gray, VF gr., dense, silty mud supported matrix, bio-clastic, FSL w/ crinoids

Lm- Cream Tan, FXLN, dense, siliceous, FSL w/ crinoids & fusulinids, some brittle, scattered XLN porosity, mostly dense

Lm- Drk Gray Tan Cream, VF gr., dense, well cemented, some siliceous, mostly all dense w/ no visible porosity, bio-clastics w/ fossil fragments

Lm- Cream Tan A/A

Sh- Black Gray, fissile, dense well compacted

Lm- Cream Tan, F-Med XLN, well developed w/ mostly consistant pinpoint porosity, granular, well developed

Sh- Black Gray

Lm- Gray Cream Tan, VF-F XLN, granular, dense, poorly developed, semi-siliceous, some brittle, all well cemented & tight, little visible porosity

Lm- Gray, Med-Coarse gr., trashy bio-clastic, FSL fragments, few chips of granular dolomitic chert

Sh- Black Gray Maroon, fissile carbonaceous

Sh- Gray Maroon Red

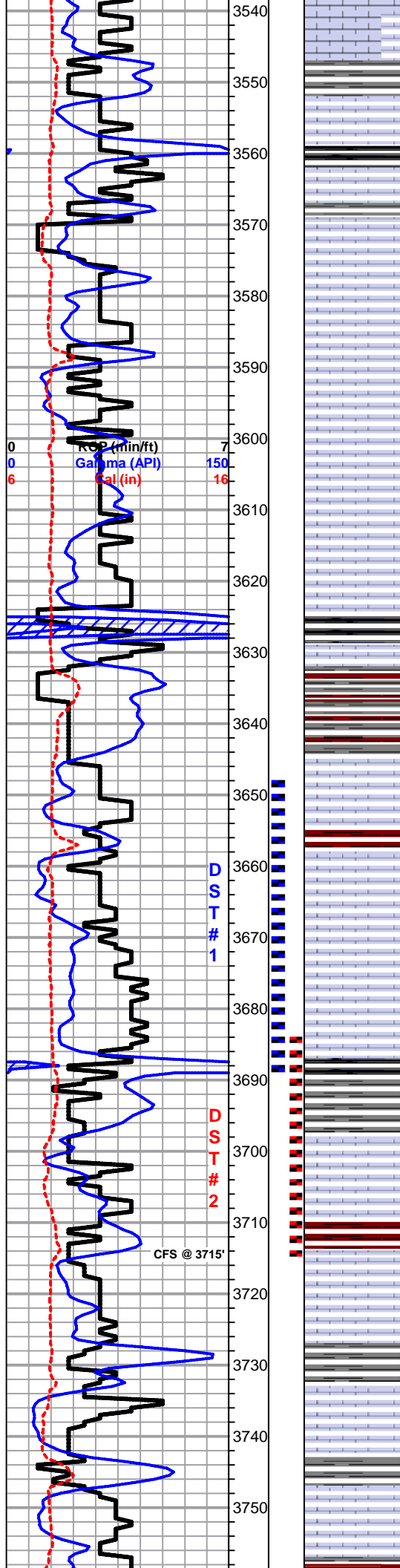
Lm- Cream Tan, VF, dense, some semi-granular w/ pinpoint porosity, some very well cemented, dense w/ no visible porosity

Lm- Cream Tan Buff, VF-Med XLN, some well developed w/ consistant pinpoint porosity, some dense well cemented, poorly developed w/ minimal visible porosity, some dolomitic ls, some abundant ls, some sharp angular bedded chert, no obvious neted

DISPLACE
3355' - 3380'

| | | |
|---|-------------------|-----|
| 0 | Total Gas (units) | 00 |
| 0 | C1 (units) | 100 |
| 0 | C2 (units) | 100 |
| 0 | C3 (units) | 100 |
| 0 | C4 (units) | 100 |

Ls, some cherty Ls., some sharp angular bedded chert, no shows noted



Sh- Gray Black, dense slivers

Lm- Tan Buff, VF XLN, dense, tight w/ no visible porosity, few granular dolomitic Ls w/ scattered pinpoint porosity

Lm- Cream Buff, Med XLN, granular, good consistant porosity, LT GSY SCATTERED STN, ODR, FEW CHIPS W/ FO UPON CRUSH, INSTANT STREAMING WET CUT & FLOR.

Lm- Cream Buff, FXLN, dense, FSL w/ fusulinids, well cemented, scattered pinpoint to minimal visible porosity, chalky in part

Lm- VF-F XLN, dense, chalky to silty in part, well cemented, no visible porosity

Lm- Lt Brown Lt Gray Tan, VF-F gr., dirty, silty & chalky, semi-soft mostly

Lm- Cream Tan, VF, chalky, silty, mud supported Ls & chalk

HEEBNER 3623' (-1254) E-LOG 3624' (-1255) Sh- Black fissile carbonaceous

Sh- Gray Red Lime Green, slivers and chips of calcareous shale

TORONTO 3642' (-1273) E-LOG 3645' (-1276) Lm- Lt Gray Buff, FXLN, mostly dense & poorly developed w/ scattered secondary coarse XLN porosity, silty & chalky in part

LKC 3658' (-1289) E-LOG 3658' (-1289) Lm- Cream Off White, VF-Coarse XLN, clean, FSL w/ fusulinids, mostly dense & well cemented, few chips w/ scattered coarse XLN pinpoint porosity, solution recrystallization w/ in porosity, RARE SCATTERED LT GSY STN, FNT ODR, NSFO, SLOW STREAMING WET CUT & FLOR.

Lm- Cream Tan, F-Med XLN, scattered development w/ mostly consistant pinpoint porosity, LT GSY STN, FNT ODR, NSFO, SLOW STREAMING WET CUT & FLOR.

Sh- Gray Red Maroon White, dense chips & slivers, sticky argillaceous chalky clumps, sandy shales & shaley sands, friable

Lm- Cream Tan, Med-Coarse, med gr. oolitic clusters, good development w/ consistant pinpoint porosity, few chips of coarse XLN, oolitic Ls w/ consistant scattered pinpoint porosity, LT GSY SCATTERED STN, FR ODR, 1-2 CHIPS W/ FEW GLOBULES OF LIVELY FO UPON CRUSH, COARSE XLN-FLAKEY STN, INSTANT STREAMING WET CUT & FLOR.

Lm- Cream Tan, Fine XLN, dense, semi-cryptocrystalline, minimal development & visible porosity

Lm- Cream, Med XLN, granular, slightly dolomitic, dense, mostly well cemented, poorly developed, scattered consistent porosity, 1-2 pcs w/ scattered WEAK STN, NSFO, NO ODR,

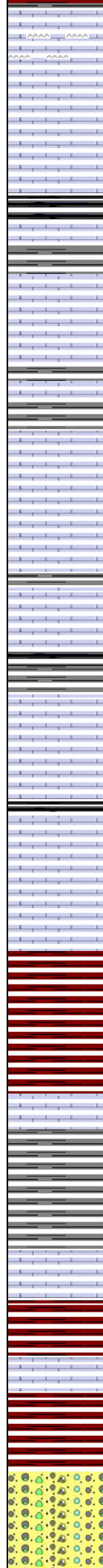
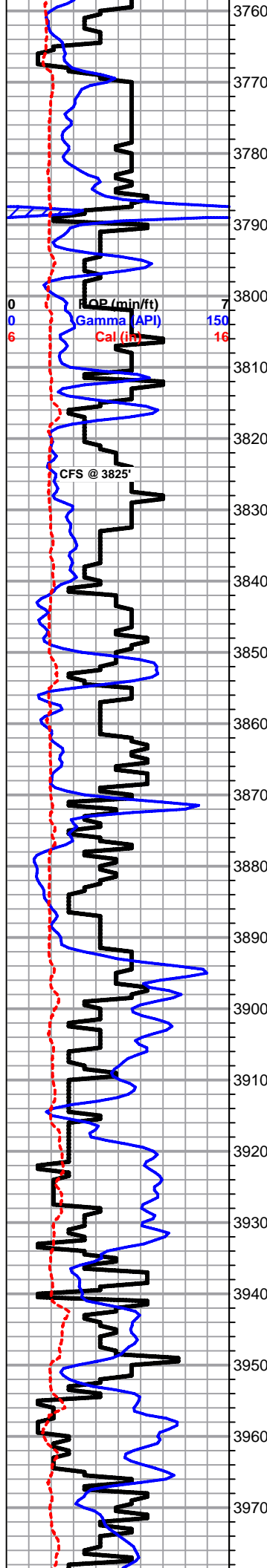
Lm- Cream Tan, Fine gr., chalky, soft,

| | | |
|---|-------------------|-----|
| 0 | Total Gas (units) | 00 |
| 0 | C1 (units) | 100 |
| 0 | C2 (units) | 100 |
| 0 | C3 (units) | 100 |
| 0 | C4 (units) | 100 |

SHORT TRIP
SLOPE 1 dgr.
STRAP 3701.17
BOARD 3697.47
STRAP +3.71

DST #1
LKC 'A,B'
3648' - 3690'

DST #2 3685 - 3715



Lm- Cream, Fine-Med XLN, mostly dense, poorly developed and tight, slightly cherty Ls, very well cemented, no visible porosity to microcrystalline pinpoint porosity, few chips of off white sharp angular bedded chert

Lm- A/A w/ more cryptocrystalline & chert, tight

Sh- Black Gray, dense well compacted slivers

Lm- Cream Tan Lt Brown, Fine gr., mix of loosely cemented Ss, slightly dolomitic chert and chalky Ls, consistent pinpoint porosity, HVY GSY ODR, LT SCATTERED TO SATURATED STN, NSFO, MOST CHIPS INSTANT STREAMING WET CUT & FLOR UPON CRUSH

Lm- Cream Tan, VF-F XLN, mostly dense, semi-cryptocrystalline, well cemented, limited development w/ minimal visible porosity

Lm- Lt Brown Tan Cream, FXLN, mostly dense cherty Ls, well cemented w/ minimal visible porosity, 1-2 CHIPS W/ SCATTERED PINPOINT POROSITY, SCATTERED DRK STN, NSFO, NO ODR

Lm- Cream Tan, VF-Coarse XLN, well developed coarse XLN, oolitic, some secondary XLN porosity, sub-vugular porosity, interconnected, DRK SCATTERED STN, 1-2 CHIPS W/ FEW GLOBULES OF FREE OIL, SEMI-LIVELY, CHIPS W/ DRK HVY DEAD OIL STN, FNT ODR, development and porosity decrease w/ depth into a VF XLN, semi-brittle, microcrystalline, dense w/ scattered pinpoint porosity

Lm- Tan Cream, Fn-Med XLN, dense well cemented, slightly cherty Ls, scattered well developed pinpoint porosity, DRK SCATTERED TO SATURATED STN, FNT ODR, NSFO

Lm- Tan Fn-Med XLN, dense, very well cemented, scattered secondary XLN porosity, mostly poorly developed w/ minimal visible porosity

BKC 3898' (-1529) E-LOG 3893' (-1524) Sh- Red Gray, red wash shale, sandy shale & VF gr. loosely cemented Ss.

Sh- Gray Red Brown Lime Green, dense well compacted gritty slivers & chips

Lm-Cream Tan, F XLN, dense well cemented, scattered pinpoint porosity

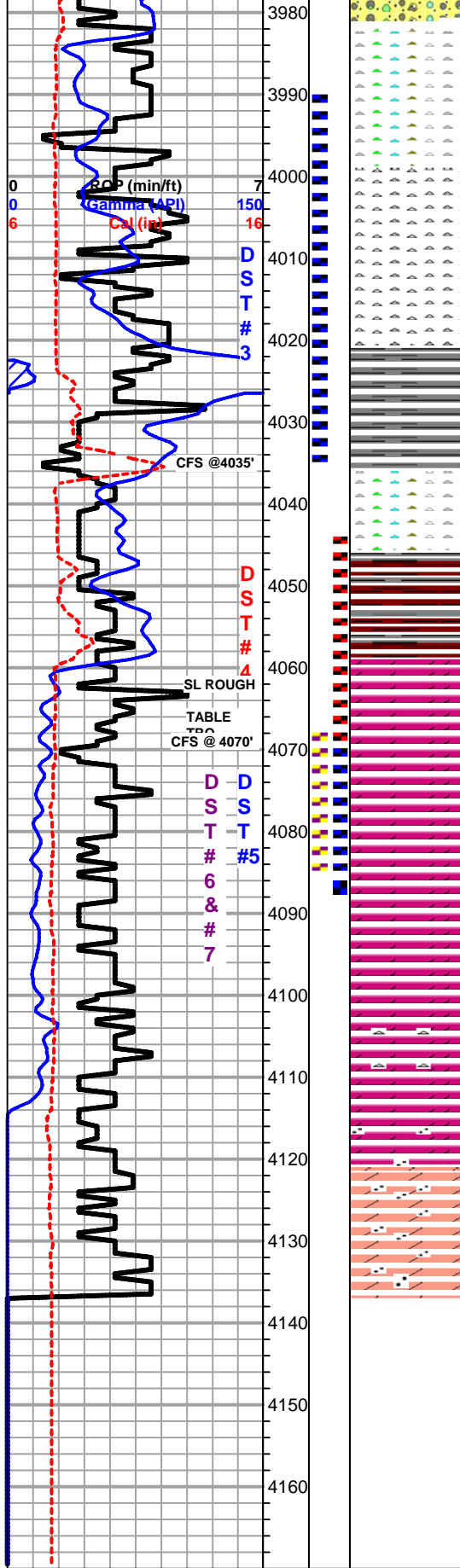
Sh- Gray Brown Maroon Lime Green, dense slivers and brown wash shale

Sh- Red Brown Maroon, sticky argillaceous clumps, silty sandy shales, VF gr. loosely cemented Ss

Lm- Cream Tan, FXLN, dense, scattered pinpoint porosity

Sh- Red Gray, red wash shale

Conglomerate- mix of conglomerate shale, unconsolidated Ls & some sharp angular chert



Comglomerate- A/A w/ more sharp angular chert, semi-translucent & golden yellow

Chert- Salmon Semi-translucent Off White, mix of dolomitic or weathered chert and angular bedded chert, some oolitic & slightly FSL

MARMATON-PAWNEE 3996' (-1627) E-LOG 3983' (-1614) Chert- Cream Tan & Multi-colored, sharp angular bedded chert, some VF XLN, well sorted & cemented dolomite, dense, LT GSY SATURATED STN, FR ODR, VERY SLOW HALO CUT & FLOR.

Chert- A/A, SHOWS SAME AS ABOVE, FR ODR, more sharp angular bedded chert

Chert/Ls- Cream Tan, mostly dense VF gr. well cemented Ls. Chert- A/A lacking shows

Sh- Drk & Lt Gray, few dense slivers, mostly sticky argillaceous clumps

Chert- Golden Yellow Black Translucent, sharp angular bedded, black oolite clusters w/ siliceous cement, some golden yellow oolitic bedded chert, few chips of oolmoldic oolitic

Sh- Multi-colored, soft sandy shales, dense blocky, well compacted, few argillaceous clumps

ARBUCKLE 4063' (-1694) E-LOG 4059' (-1690) Dolomite- Cream Tan, VF-F XLN, dense sucrosic, some loosely cemented, well sorted, few chips of MED XLN w/ pinpoint porosity, mostly all consistent porosity throughout, LT GSY MOSTLY SATURATED STN, FR ODR, 1-2 CHIPS OF LIVELY FO UPON CRUSH, 40" & 60" smpl w/ VF dense well cemented, clean & barren

Dolomite- Tan Off White, Med-Coarse XLN, some slightly unconsolidated mix, very well developed w/ good porosity, large visible rhombs w/ vuggy porosity, SCATTERD GSY STN, GOOD ODR, FO UPON CRUSH, INSTANT CLOUDY WET CUT & FLOR

Dolomite- FXLN, dense, well sorted & cemented, pinpoint porosity, SHOWS STARTING TO DEplete, few w/ scattered STN, SLIGHT FO UPON CRUSH

Dolomite- VF-F XLN, dense, well sorted & cemented, tight w/ mostly micro XLN porosity, clean & barren

Dolomite- Off White Cream, A/A w/ few chips of sandy cherty dolomite & cherty dolomite, all clean & barren


Dolomite- A/A, w/ a few chips of lime green sandy dolomite w/ clear coarse gr. well round individual grain inclusions

Dolomite- Off White Light Pink, Med-Coarse XLN, abundant sandy dolomite, loosely cemented

RTD 4136' (-1767) @ 01:47 2/10/2012 LTD 4139' (-1770)

| | | |
|--|-------------------|-----|
| 0 | Total Gas (units) | 00 |
| 0 | C1 (units) | 100 |
| 0 | C2 (units) | 100 |
| 0 | C3 (units) | 100 |
| 0 | C4 (units) | 100 |
| DST #3 3990 - 4035 | | |
| DST #4 4044 - 4070 | | |
| DST #5 4070 - 4088 STRADDLE BOTTOM PACKER FAILURE | | |
| DST #6 (MISRUN) STRADDLE *TOOL PLUGGED* 4066 - 4084 | | |
| DST #7 (RERUN) 4066 - 4084 | | |
| CTCH 1.5 hrs. SLOPE | | |

- DST #5.jpg
- DST #6.jpg
- DST #7.jpg

| | | |
|---|---|--|
|  | DRILL STEM TEST REPORT | |
| | Carrie Exploraton 210 West 22ND Hays, Kansas 67601 ATTN: Jeff Lawler | 23/12S/22W/Trego Doxon/Bunker #C-1 Job Ticket: 17156 DST#: 5 Test Start: 2012.02.10 @ 10:00:00 |

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:42:30
 Time Test Ended: 17:41:00

Interval: 4068.00 ft (KB) To 4140.00 ft (KB) (TVD)
 Total Depth: 4140.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Straddle (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/50

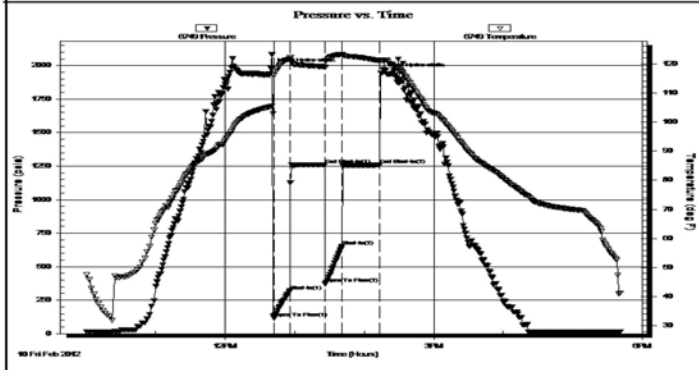
Reference Elevations: 2369.00 ft (KB)
 2362.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6749 Outside

Press@RunDepth: 652.89 psia @ 4083.00 ft (KB)
 Start Date: 2012.02.10 End Date: 2012.02.10
 Start Time: 10:00:00 End Time: 17:41:00

Capacity: 5000.00 psia
 Last Calib.: 2012.02.10
 Time On Btm: 2012.02.10 @ 12:39:30
 Time Off Btm: 2012.02.10 @ 14:14:30

TEST COMMENT: 1ST Open 15 Minutes/Strong blow /Blow to bottom of bucket in 3 minutes
 1ST Shut In 30 Minutes/No blow back
 2ND Open 15 Mintues/Strong blow /Blow to bottom of bucket in 1 1/2 minutes
 2ND Shut In 30 Mintues/No blow back



| PRESSURE SUMMARY | | | |
|------------------|-----------------|--------------|----------------------|
| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
| 0 | 1979.38 | 105.27 | Initial Hydro-static |
| 3 | 115.52 | 116.03 | Open To Flow (1) |
| 17 | 320.73 | 121.71 | Shut-In(1) |
| 47 | 1259.32 | 118.96 | End Shut-In(1) |
| 47 | 372.59 | 118.76 | Open To Flow (2) |
| 62 | 652.89 | 123.26 | Shut-In(2) |
| 95 | 1258.91 | 121.05 | End Shut-In(2) |
| 95 | 1946.30 | 121.19 | Final Hydro-static |

| Recovery | | |
|-------------|--------------------------|--------------|
| Length (ft) | Description | Volume (bbl) |
| 1740.00 | Oil cut Muddy Water | 23.70 |
| 0.00 | Oil 5% Mud 40% Water 55% | 0.00 |
| | | |
| | | |
| | | |

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



DRILL STEM TEST REPORT

Carrie Exploration
 210 West 22ND
 Hays, Kansas 67601
 ATTN: Jeff Lawler

23/12S/22W/Trego
Doxon/Bunker #C-1
 Job Ticket: 17157 **DST#: 6**
 Test Start: 2012.02.10 @ 18:10:00

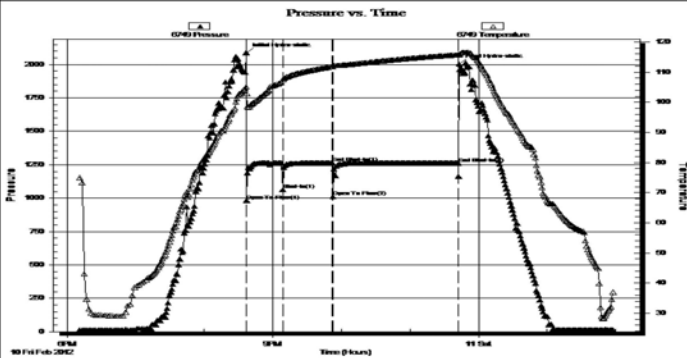
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:47:00
 Time Test Ended: 00:00:00
 Test Type: Conventional Straddle (Initial)
 Tester: Jared Scheck
 Unit No: 3325 Hays/50
 Interval: **4066.00 ft (KB) To 4084.00 ft (KB) (TVD)**
 Total Depth: 4140.00 ft (KB) (TVD)
 Reference Elevations: 2369.00 ft (KB)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 7.00 ft

Serial #: 6749

Press@RunDepth: 1261.97 psia @ ft (KB) Capacity: psia
 Start Date: 2012.02.10 End Date: 2012.02.11 Last Calib.: 1899.12.30
 Start Time: 18:10:00 End Time: 01:57:30 Time On Btm: 2012.02.10 @ 20:36:30
 Time Off Btm: 2012.02.10 @ 23:43:00

TEST COMMENT: 1st Opening 30 Minutes-Weak blow built 1 1/2 into bucket water stayed steady throughout open
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 30 Minutes-Weak surface blow died off
 2nd Shut-in 60 Minutes-No blow back



PRESSURE SUMMARY


| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2088.10 | 105.11 | Initial Hydro-static |
| 1 | 979.14 | 102.78 | Open To Flow (1) |
| 32 | 1062.06 | 107.47 | Shut-In(1) |
| 76 | 1262.71 | 111.82 | End Shut-In(1) |
| 76 | 1011.05 | 111.80 | Open To Flow (2) |
| 186 | 1261.97 | 115.72 | End Shut-In(2) |
| 187 | 2005.08 | 115.92 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 10.00 | mud | 0.05 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

| | | |
|---|--|--|
|  | DRILL STEM TEST REPORT | |
| | Carrie Exploration 210 West 22ND Hays, Kansas 67601 ATTN: Jeff Lawler | 23/12S/22W/Trego Doxon/Bunker #C-1 Job Ticket: 17158 DST#: 7 Test Start: 2012.02.11 @ 08:30:00 |

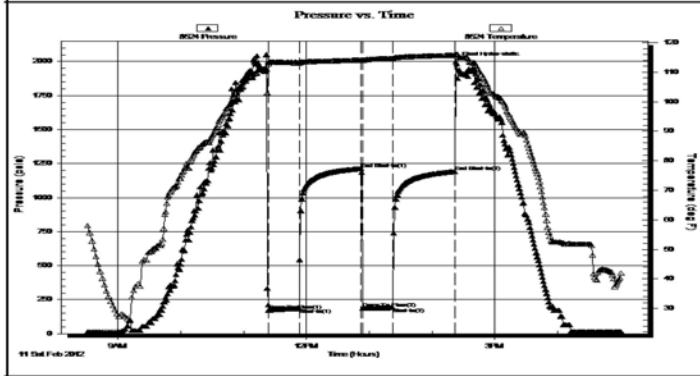
GENERAL INFORMATION:

| | |
|---|--|
| Formation: Arbuckle | Test Type: Conventional Straddle (Initial) |
| Deviated: No Whipstock: ft (KB) | Tester: Jared Scheck |
| Time Tool Opened: 11:24:00 | Unit No: 3325-Hays-50 |
| Time Test Ended: 17:00:30 | Reference Elevations: 2369.00 ft (KB) |
| Interval: 4066.00 ft (KB) To 4084.00 ft (KB) (TVD) | 2362.00 ft (CF) |
| Total Depth: 4140.00 ft (KB) (TVD) | KB to GR/CF: 7.00 ft |
| Hole Diameter: 7.88 inches | Hole Condition: Poor |

Serial #: 8524

| | |
|---------------------------------------|-------------------------------------|
| Press@RunDepth: 190.66 psia @ ft (KB) | Capacity: 5000.00 psia |
| Start Date: 2012.02.11 | End Date: 2012.02.11 |
| Start Time: 08:30:00 | End Time: 17:00:30 |
| | Last Calib.: 2012.02.11 @ 11:21:00 |
| | Time On Btm: 2012.02.11 @ 11:21:00 |
| | Time Off Btm: 2012.02.11 @ 14:22:30 |

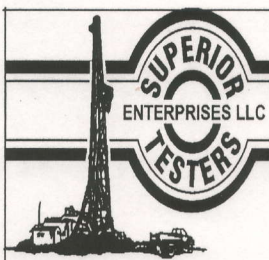
TEST COMMENT: 1st Opening 30 Minutes-Tool chased 10 feet to bottom w eak blow built 6 inches into bucket in 30 minutes
 1st Shut-in 60 Minutes-No blow back
 2nd Opening 30 minutes-Weak blow built 1 1/2 into bucket in 30 minutes
 2nd shut-in 60 Minutes-No blow back



| PRESSURE SUMMARY | | | |
|------------------|-----------------|--------------|----------------------|
| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
| 0 | 1941.04 | 110.96 | Initial Hydro-static |
| 3 | 172.43 | 113.33 | Open To Flow (1) |
| 32 | 185.20 | 113.10 | Shut-In(1) |
| 91 | 1213.00 | 114.09 | End Shut-In(1) |
| 93 | 184.93 | 113.98 | Open To Flow (2) |
| 122 | 190.66 | 114.62 | Shut-In(2) |
| 181 | 1191.56 | 115.72 | End Shut-In(2) |
| 182 | 1995.98 | 115.92 | Final Hydro-static |

| Recovery | | |
|-------------|---------------------------|--------------|
| Length (ft) | Description | Volume (bbl) |
| 120.00 | Oily mud 60 %mud 40% oil | 0.59 |
| 120.00 | Oily mud 20 %oil 80 %mud | 1.14 |
| 180.00 | muddy oil 90% mud 10% oil | 2.52 |
| | | |
| | | |
| | | |

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



DRILL STEM TEST REPORT

Carrie Explorations
 210 West 22ND
 Hays, Kansas 67601
 ATTN: Jeff Lawler

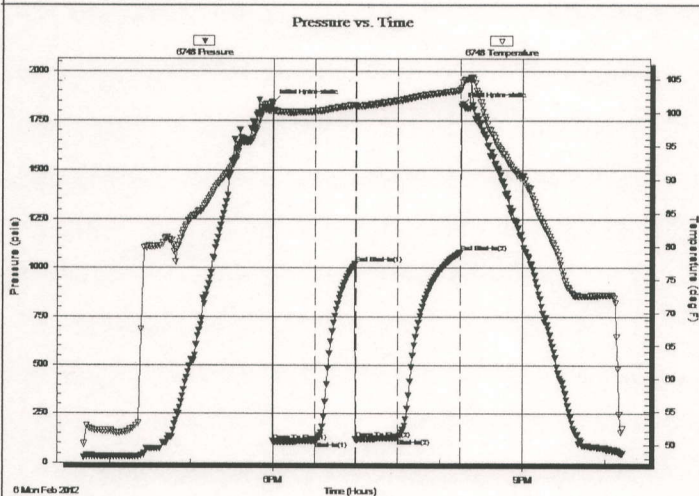
23/12S/22W/Trego
Doxon/Bunker #C-1
 Job Ticket: 17152 **DST#: 1**
 Test Start: 2012.02.06 @ 15:40:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:00:00
 Time Test Ended: 22:12:30
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/50
 Interval: **3648.00 ft (KB) To 3690.00 ft (KB) (TVD)**
 Total Depth: 3690.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 2369.00 ft (KB)
 2362.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6748 Inside
 Press@RunDepth: 127.97 psia @ 3686.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.02.06 End Date: 2012.02.06 Last Calib.: 2012.02.06
 Start Time: 15:40:00 End Time: 22:12:30 Time On Btm: 2012.02.06 @ 17:59:00
 Time Off Btm: 2012.02.06 @ 20:15:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow /Blow built to 1 inch
 1ST Shut In 30 Minutes/No blow back
 2ND Open 30 Minutes/No blow /Flush tool/Very weak surface blow /Blow died in 3 minutes
 2ND Shut In 30 Minutes/No blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1839.66 | 101.32 | Initial Hydro-static |
| 1 | 106.54 | 100.41 | Open To Flow (1) |
| 31 | 112.52 | 100.19 | Shut-In(1) |
| 60 | 1020.01 | 101.12 | End Shut-In(1) |
| 61 | 119.11 | 100.92 | Open To Flow (2) |
| 91 | 127.97 | 101.76 | Shut-In(2) |
| 136 | 1079.78 | 103.31 | End Shut-In(2) |
| 137 | 1823.97 | 103.70 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 15.00 | Mud 100% | 0.07 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

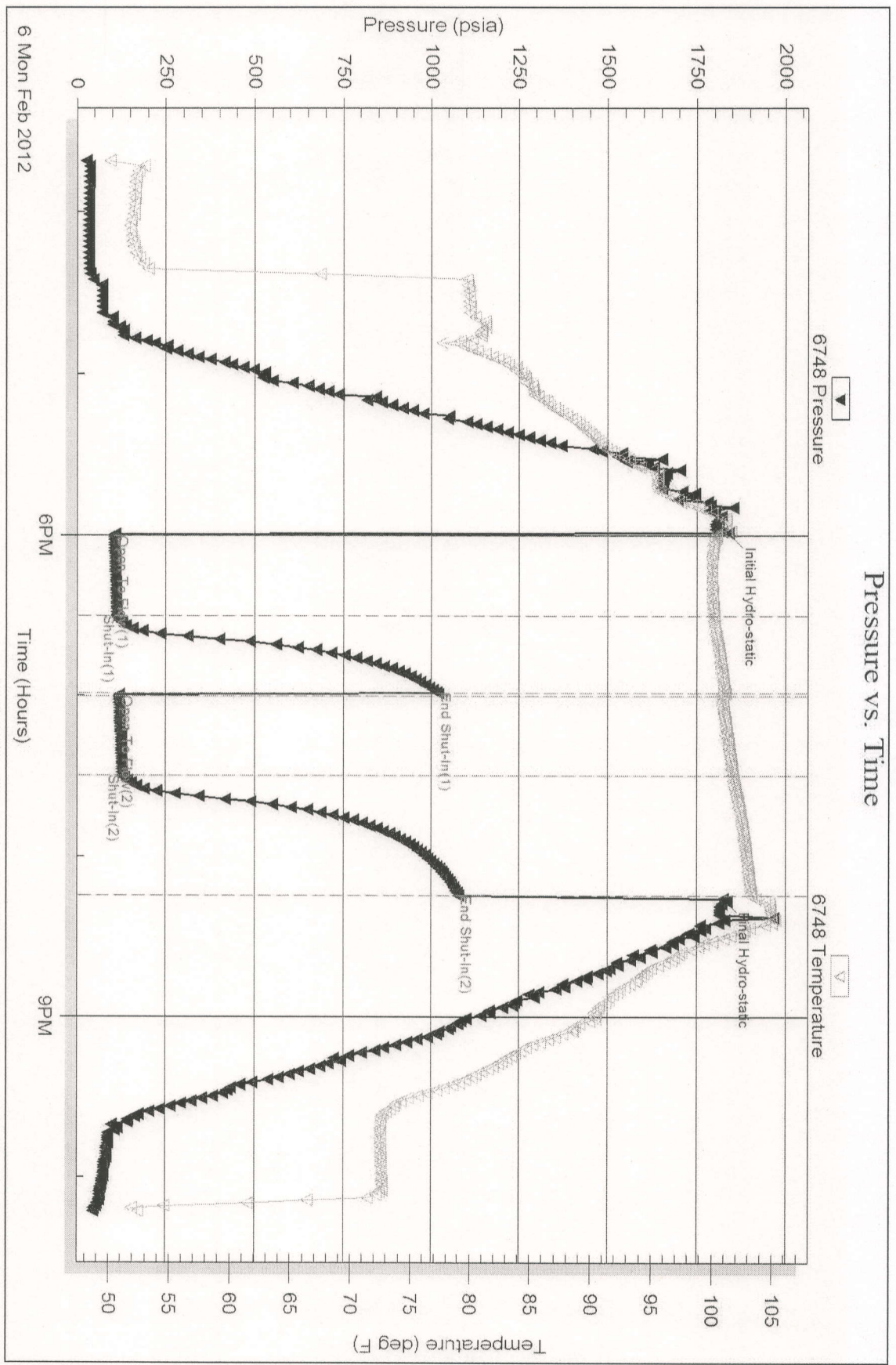
Serial #: 6748

Inside

Carrie Exploration

Doxon/Bunker #C-1

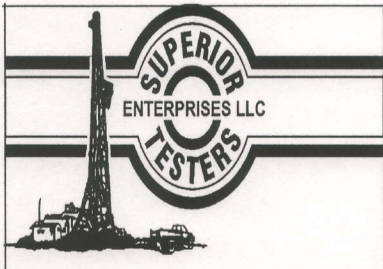
DST Test Number: 1



Superior Testers Enterprises LLC

Ref. No: 17152

Printed: 2012.02.06 @ 20:23:31



DRILL STEM TEST REPORT

Carrie Exploration
 210 West 22ND
 Hays, Kansas 67601
 ATTN: Jeff Lawler

23/12S/22W/Trego
Doxon/Bunker #C-1
 Job Ticket: 17153 **DST#: 2**
 Test Start: 2012.02.07 @ 06:19:00

GENERAL INFORMATION:

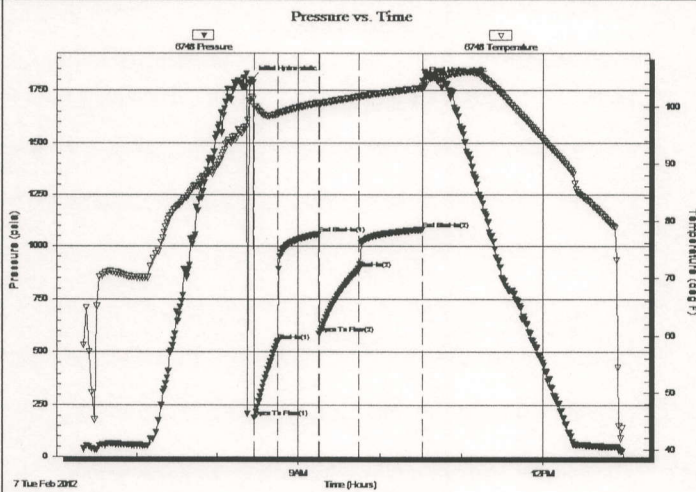
Formation: **Lansing/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:27:30
 Time Test Ended: 12:59:00
 Interval: **3685.00 ft (KB) To 3715.00 ft (KB) (TVD)**
 Total Depth: 3715.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/50
 Reference Elevations: 2369.00 ft (KB)
 2362.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6748

Inside

Press@RunDepth: 894.10 psia @ 3711.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.02.07 End Date: 2012.02.07 Last Calib.: 2012.02.07
 Start Time: 06:19:00 End Time: 12:59:00 Time On Btm: 2012.02.07 @ 08:25:30
 Time Off Btm: 2012.02.07 @ 10:31:30

TEST COMMENT: 1ST Open 15 Minutes/Strong blow /Blow to bottom of bucket in 2 minutes
 1ST Shut In 30 Minutes/No blow back
 2ND Open 30 Minutes/Strong blow /Blow to bottom of bucket in 2 minutes
 2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1797.20 | 101.64 | Initial Hydro-static |
| 3 | 190.33 | 99.93 | Open To Flow (1) |
| 20 | 554.18 | 98.77 | Shut-In(1) |
| 50 | 1059.75 | 100.67 | End Shut-In(1) |
| 50 | 589.32 | 100.45 | Open To Flow (2) |
| 80 | 894.10 | 101.77 | Shut-In(2) |
| 126 | 1081.78 | 103.26 | End Shut-In(2) |
| 126 | 1792.75 | 103.66 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------------------|--------------|
| 240.00 | Muddy Water | 2.35 |
| 0.00 | Mud 50% Water 50% | 0.00 |
| 1230.00 | Muddy Water | 17.99 |
| 0.00 | Mud 5% Water 95% | 0.00 |
| 0.00 | Recovery Chlorides 108000 ppm | 0.00 |
| 0.00 | Recov. Resist. .11 ohms @ 68 degrees | 0.00 |

Gas Rates

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

Serial #: 6748

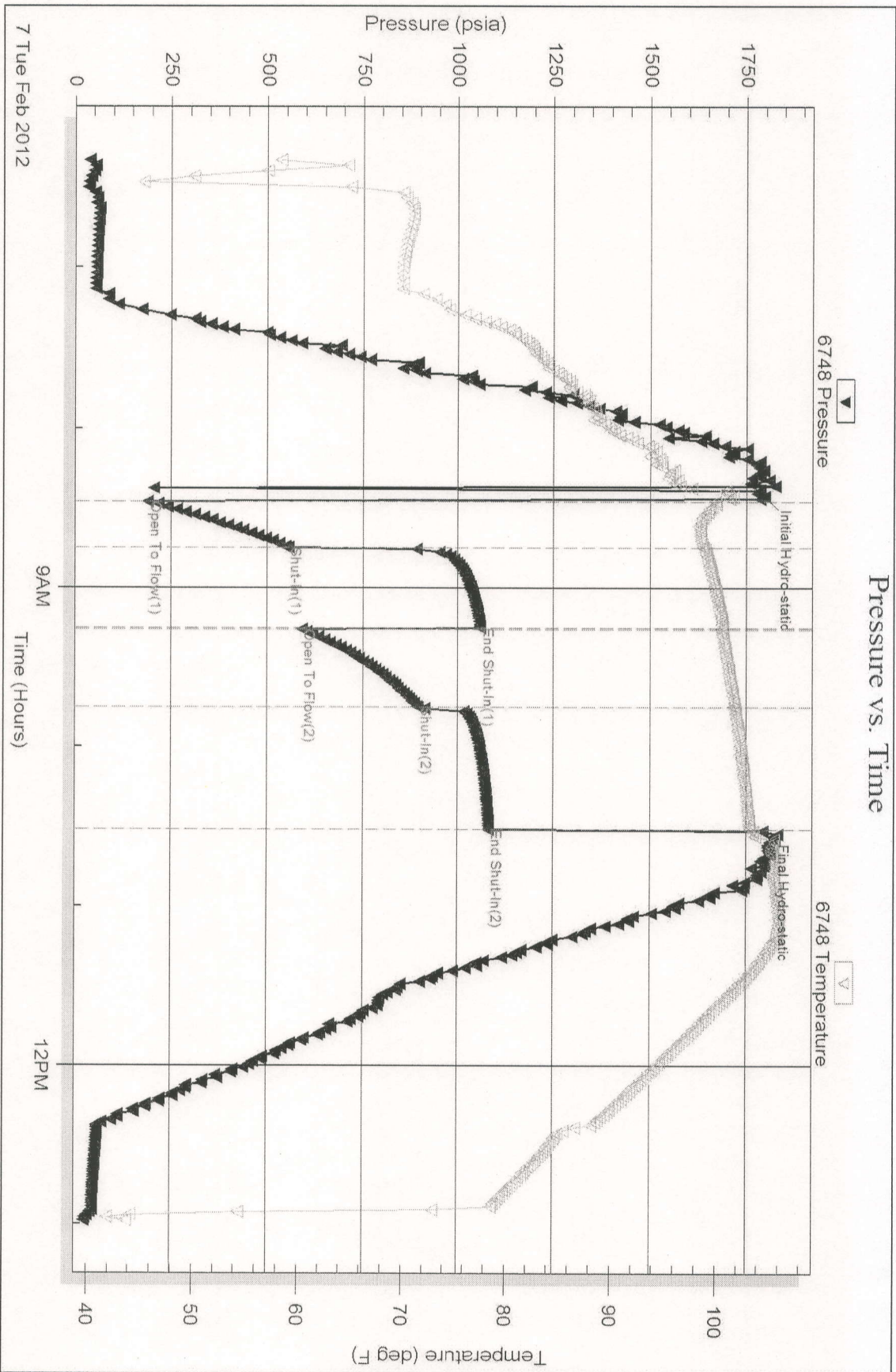
Inside

Carrie Exploration

Doxon/Bunker #C-1

DST Test Number: 2

Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 17753

Printed: 2012.02.07 @ 13:33:17

Serial #: 6748

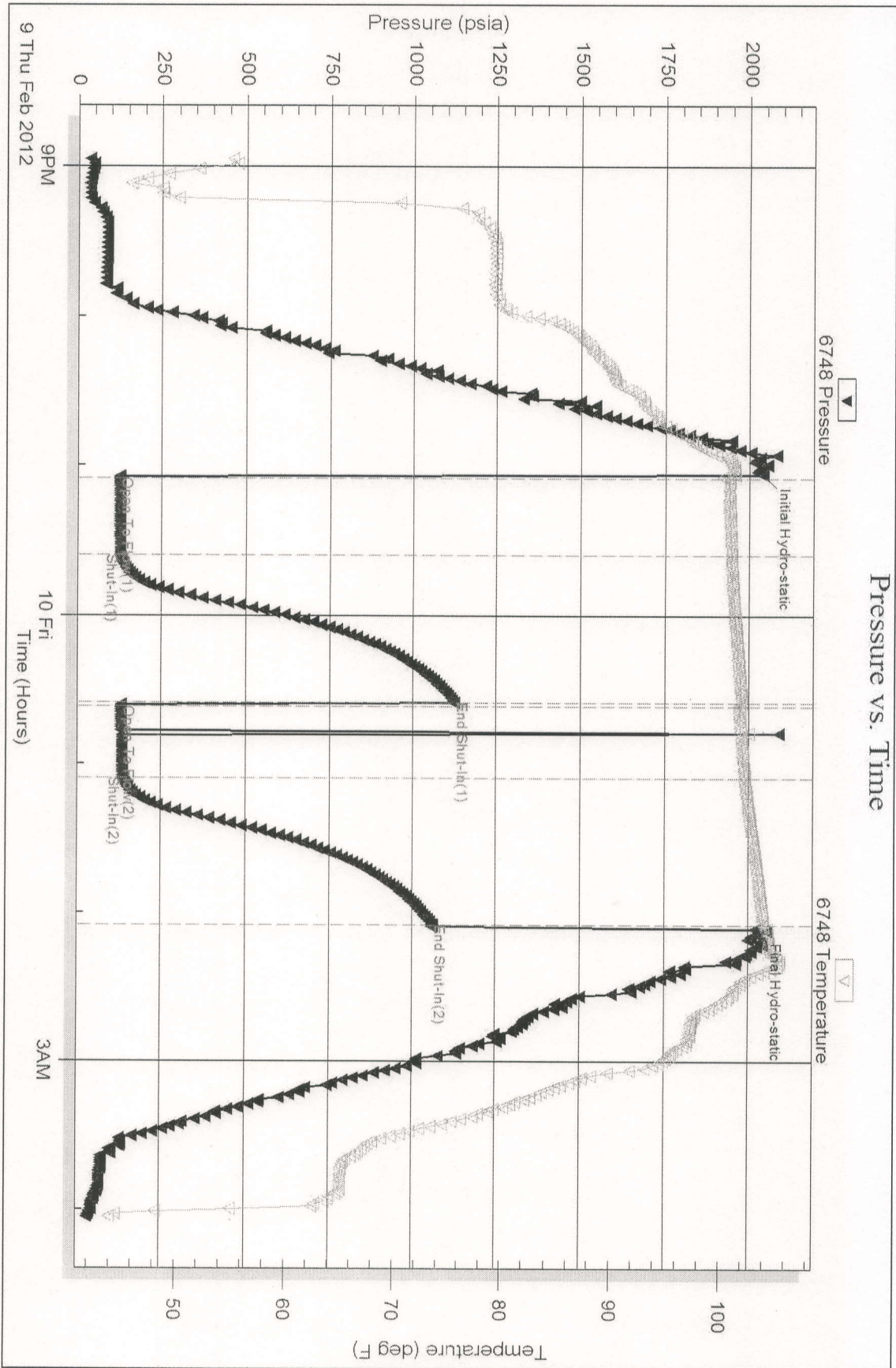
Inside

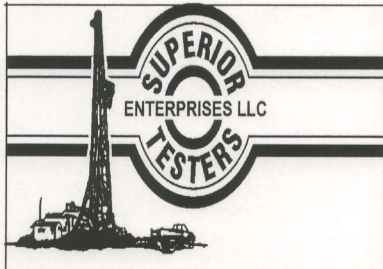
Carrie Exploration

Doxon/Bunker #C-1

DST Test Number: 3

Pressure vs. Time





DRILL STEM TEST REPORT

Carrie Exploration
 210 West 22ND
 Hays, Kansas 67601
 ATTN: Jeff Lawler

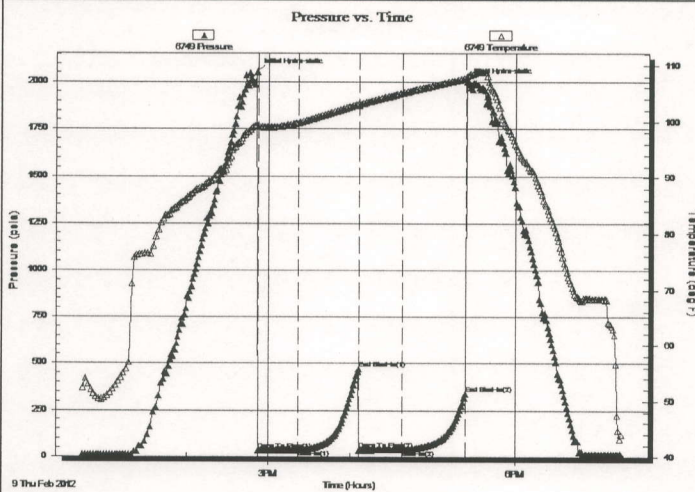
23/12S/22W/Trego
Doxon/Bunker #C-1
 Job Ticket: 17155 **DST#: 4**
 Test Start: 2012.02.09 @ 12:42:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:52:30
 Time Test Ended: 19:18:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/50
 Interval: **4044.00 ft (KB) To 4070.00 ft (KB) (TVD)**
 Total Depth: 4070.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 2369.00 ft (KB)
 2362.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6749 Outside
 Press@RunDepth: 38.83 psia @ 4067.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.02.09 End Date: 2012.02.09 Last Calib.: 2012.02.09
 Start Time: 12:42:00 End Time: 19:18:00 Time On Btm: 2012.02.09 @ 14:51:30
 Time Off Btm: 2012.02.09 @ 17:24:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow /Blow built to 1 inch
 1ST Shut In 45 Minutes/No blow back
 2ND Open 30 Minutes/No blow /Flush tool/Didnt help
 2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2053.49 | 99.40 | Initial Hydro-static |
| 1 | 36.94 | 99.05 | Open To Flow (1) |
| 30 | 37.18 | 99.78 | Shut-In(1) |
| 75 | 469.78 | 103.14 | End Shut-In(1) |
| 75 | 37.43 | 102.93 | Open To Flow (2) |
| 107 | 38.83 | 105.11 | Shut-In(2) |
| 152 | 339.90 | 107.72 | End Shut-In(2) |
| 154 | 2002.61 | 108.16 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------|--------------|
| 5.00 | Slightly oil cut Mud | 0.02 |
| 0.00 | Oil 2% Mud 98% | 0.00 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

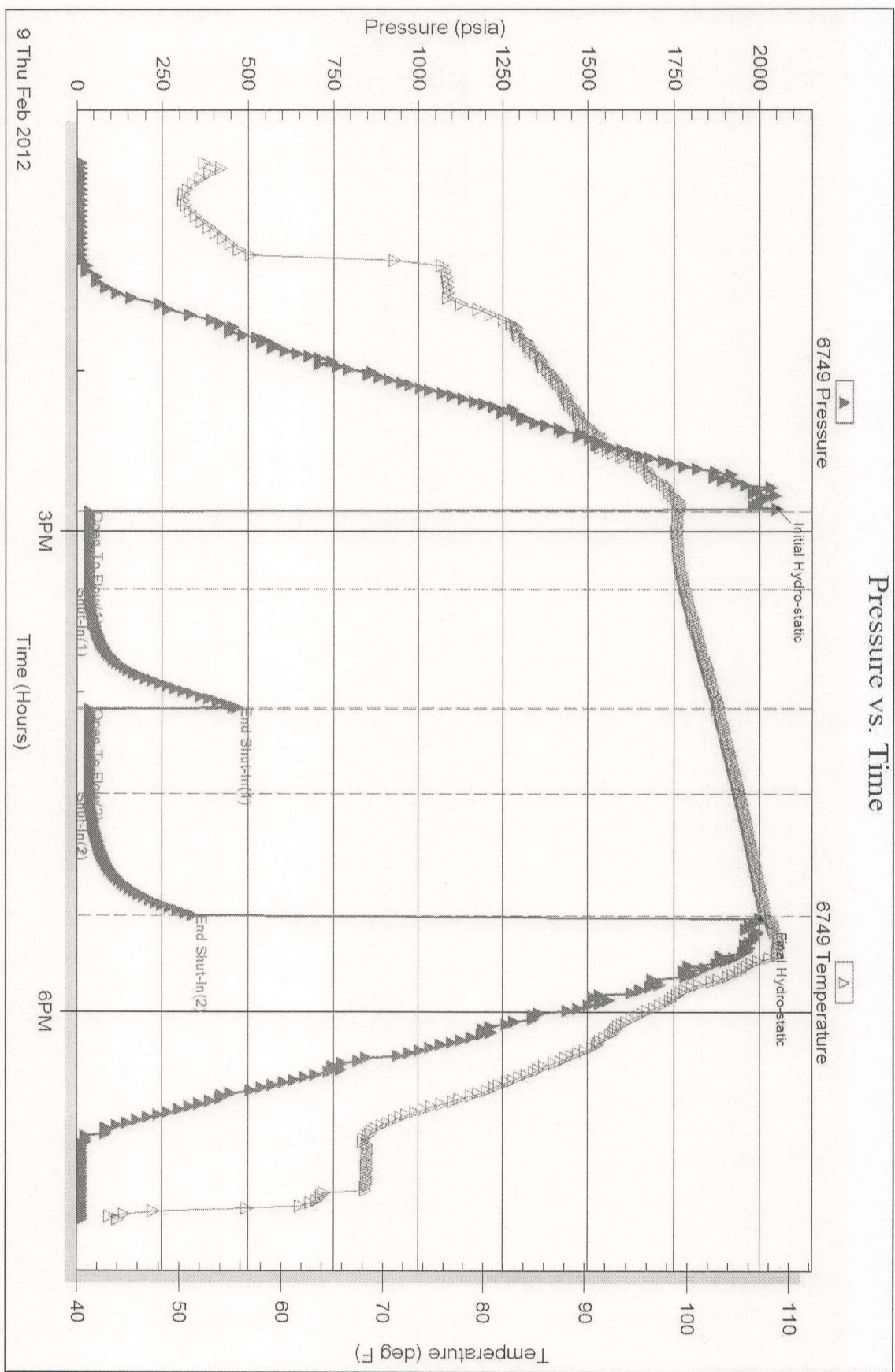
Serial #: 6749

Outside Carrie Exploration

Doxon/Bunker #C-1

DST Test Number: 4

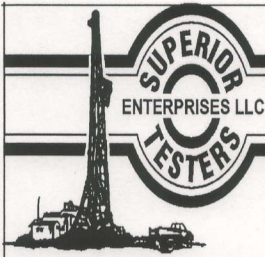
Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 17155

Printed: 2012.02.09 @ 19:29:41



DRILL STEM TEST REPORT

Carrie Exploration
 210 West 22ND
 Hays, Kansas 67601
 ATTN: Jeff Lawler

23/12S/22W/Trego
Doxon/Bunker #C-1
 Job Ticket: 17156 **DST#: 5**
 Test Start: 2012.02.10 @ 10:00:00

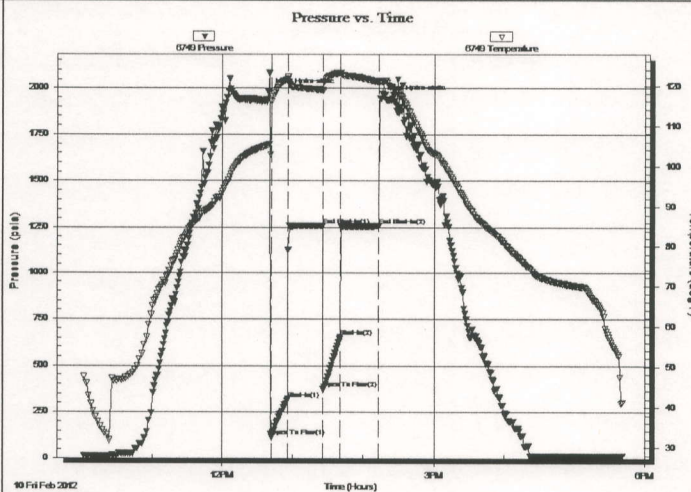
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:42:30
 Time Test Ended: 17:41:00
 Interval: **4068.00 ft (KB) To 4140.00 ft (KB) (TVD)**
 Total Depth: 4140.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/50
 Reference Elevations: 2369.00 ft (KB)
 2362.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6749 Outside
 Press@RunDepth: 652.89 psia @ 4083.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.02.10 End Date: 2012.02.10 Last Calib.: 2012.02.10
 Start Time: 10:00:00 End Time: 17:41:00 Time On Btm: 2012.02.10 @ 12:39:30
 Time Off Btm: 2012.02.10 @ 14:14:30

TEST COMMENT: 1ST Open 15 Minutes/Strong blow/Blow to bottom of bucket in 3 minutes
 1ST Shut In 30 Minutes/No blow back
 2ND Open 15 Minutes/Strong blow/Blow to bottom of bucket in 1 1/2 minutes
 2ND Shut In 30 Minutes/No blow back

Bottom Packer Failure



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1979.38 | 105.27 | Initial Hydro-static |
| 3 | 115.52 | 116.03 | Open To Flow (1) |
| 17 | 320.73 | 121.71 | Shut-In(1) |
| 47 | 1259.32 | 118.96 | End Shut-In(1) |
| 47 | 372.59 | 118.76 | Open To Flow (2) |
| 62 | 652.89 | 123.26 | Shut-In(2) |
| 95 | 1258.91 | 121.05 | End Shut-In(2) |
| 95 | 1946.30 | 121.19 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------|--------------|
| 1740.00 | Oil cut Muddy Water | 23.70 |
| 0.00 | Oil 5% Mud 40% Water 55% | 0.00 |
| | | |
| | | |
| | | |

Gas Rates

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

Serial #: 6749

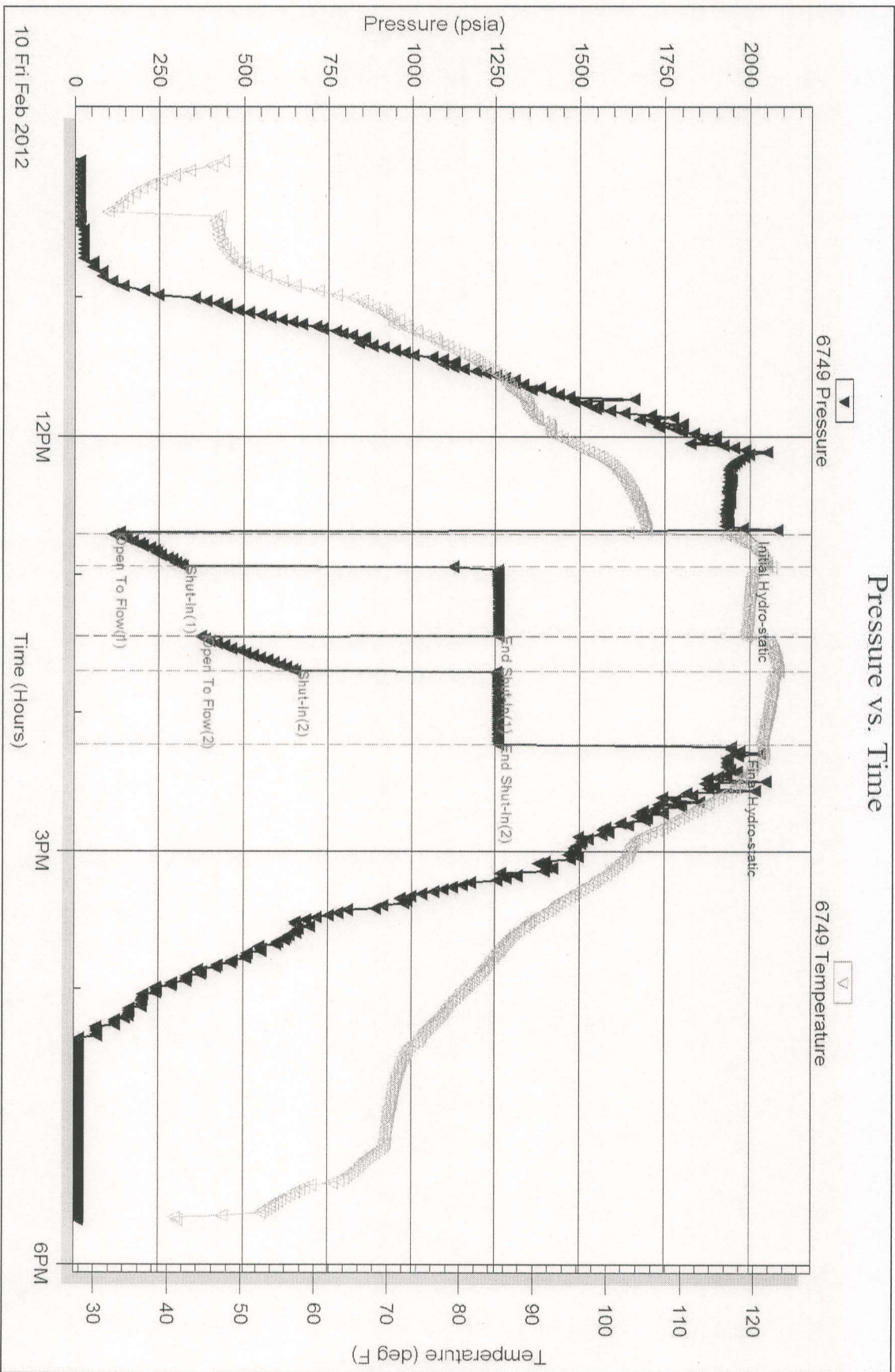
Outside

Carrie Exploration

Doxon/Bunker #C-1

DST Test Number: 5

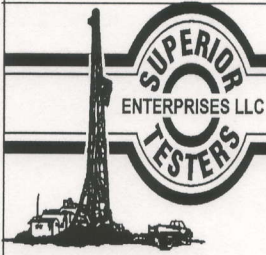
Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 17156

Printed: 2012.02.10 @ 18:17:08



DRILL STEM TEST REPORT

Carrie Exploration
 210 West 22ND
 Hays, Kansas 67601
 ATTN: Jeff Lawler

23/12S/22W/Trego
Doxon/Bunker #C-1
 Job Ticket: 17157 **DST#: 6**
 Test Start: 2012.02.10 @ 18:10:00

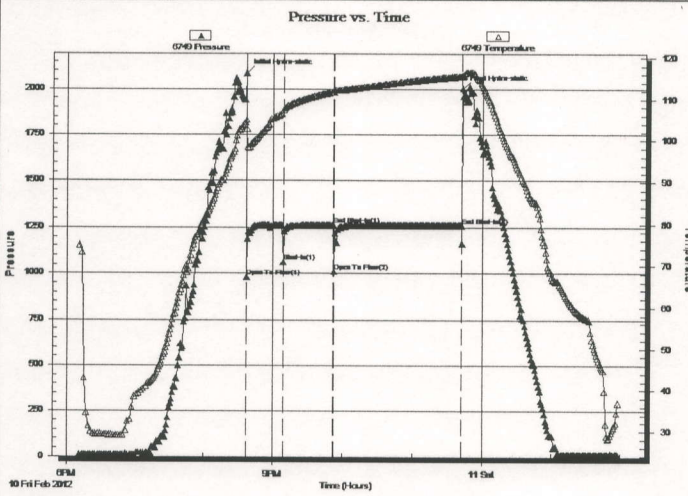
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:47:00
 Time Test Ended: 00:00:00
 Test Type: Conventional Straddle (Initial)
 Tester: Jared Scheck
 Unit No: 3325 Hays/50
 Interval: **4066.00 ft (KB) To 4084.00 ft (KB) (TVD)**
 Total Depth: 4140.00 ft (KB) (TVD)
 Reference Elevations: 2369.00 ft (KB)
 2362.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 7.00 ft

Serial #: 6749

Press@RunDepth: 1261.97 psia @ ft (KB) Capacity: psia
 Start Date: 2012.02.10 End Date: 2012.02.11 Last Calib.: 1899.12.30
 Start Time: 18:10:00 End Time: 01:57:30 Time On Btm: 2012.02.10 @ 20:36:30
 Time Off Btm: 2012.02.10 @ 23:43:00

TEST COMMENT: 1st Opening 30 Minutes-Weak blow built 1 1/2 into bucket w water stayed steady throughout open
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 30 Minutes-Weak surface blow died off
 2nd Shut-in 60 Minutes-No blow back
Mis Run - Tool plugged



| PRESSURE SUMMARY | | | |
|------------------|-----------------|--------------|----------------------|
| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
| 0 | 2088.10 | 105.11 | Initial Hydro-static |
| 1 | 979.14 | 102.78 | Open To Flow (1) |
| 32 | 1062.06 | 107.47 | Shut-In(1) |
| 76 | 1262.71 | 111.82 | End Shut-In(1) |
| 76 | 1011.05 | 111.80 | Open To Flow (2) |
| 186 | 1261.97 | 115.72 | End Shut-In(2) |
| 187 | 2005.08 | 115.92 | Final Hydro-static |

| Recovery | | |
|-------------|-------------|--------------|
| Length (ft) | Description | Volume (bbl) |
| 10.00 | mud | 0.05 |
| | | |
| | | |
| | | |
| | | |

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



DRILL STEM TEST REPORT

Carrie Exploration
 210 West 22ND
 Hays, Kansas 67601
 ATTN: Jeff Lawler

23/12S/22W/Trego
Doxon/Bunker #C-1
 Job Ticket: 17158 **DST#: 7**
 Test Start: 2012.02.11 @ 08:30:00

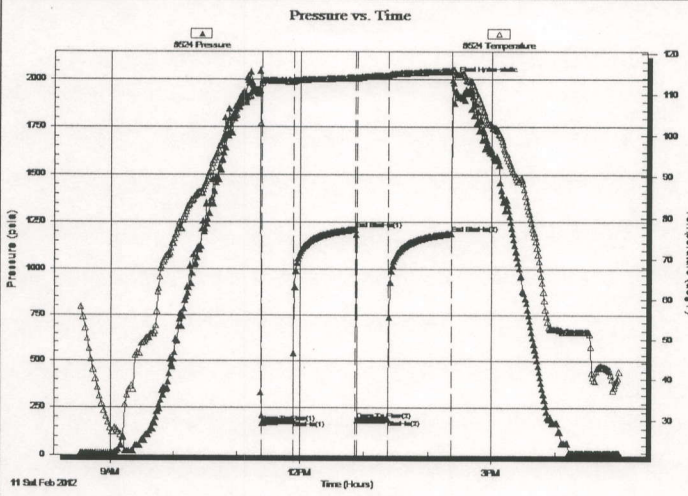
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:24:00
 Time Test Ended: 17:00:30
 Test Type: Conventional Straddle (Initial)
 Tester: Jared Scheck
 Unit No: 3325-Hays-50
 Interval: **4066.00 ft (KB) To 4084.00 ft (KB) (TVD)**
 Total Depth: 4140.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Reference Elevations: 2369.00 ft (KB)
 2362.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8524

Press@RunDepth: 190.66 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.02.11 End Date: 2012.02.11 Last Calib.: 2012.02.11
 Start Time: 08:30:00 End Time: 17:00:30 Time On Btm: 2012.02.11 @ 11:21:00
 Time Off Btm: 2012.02.11 @ 14:22:30

TEST COMMENT: 1st Opening 30 Minutes-Tool chased 10 feet to bottom weak blow built 6 inches into bucket in 30 minutes
 1st Shut-in 60 Minutes-No blow back
 2nd Opening 30 minutes-Weak blow built 1 1/2 into bucket in 30 minutes
 2nd shut-in 60 Minutes-No blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1941.04 | 110.96 | Initial Hydro-static |
| 3 | 172.43 | 113.33 | Open To Flow (1) |
| 32 | 185.20 | 113.10 | Shut-In(1) |
| 91 | 1213.00 | 114.09 | End Shut-In(1) |
| 93 | 184.93 | 113.98 | Open To Flow (2) |
| 122 | 190.66 | 114.62 | Shut-In(2) |
| 181 | 1191.56 | 115.72 | End Shut-In(2) |
| 182 | 1995.98 | 115.92 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------|--------------|
| 120.00 | Oily mud 60 %mud 40% oil | 0.59 |
| 120.00 | Oily mud 20 %oil 80 %mud | 1.14 |
| 180.00 | muddy oil 90% mud 10% oil | 2.52 |
| | | |
| | | |

Gas Rates

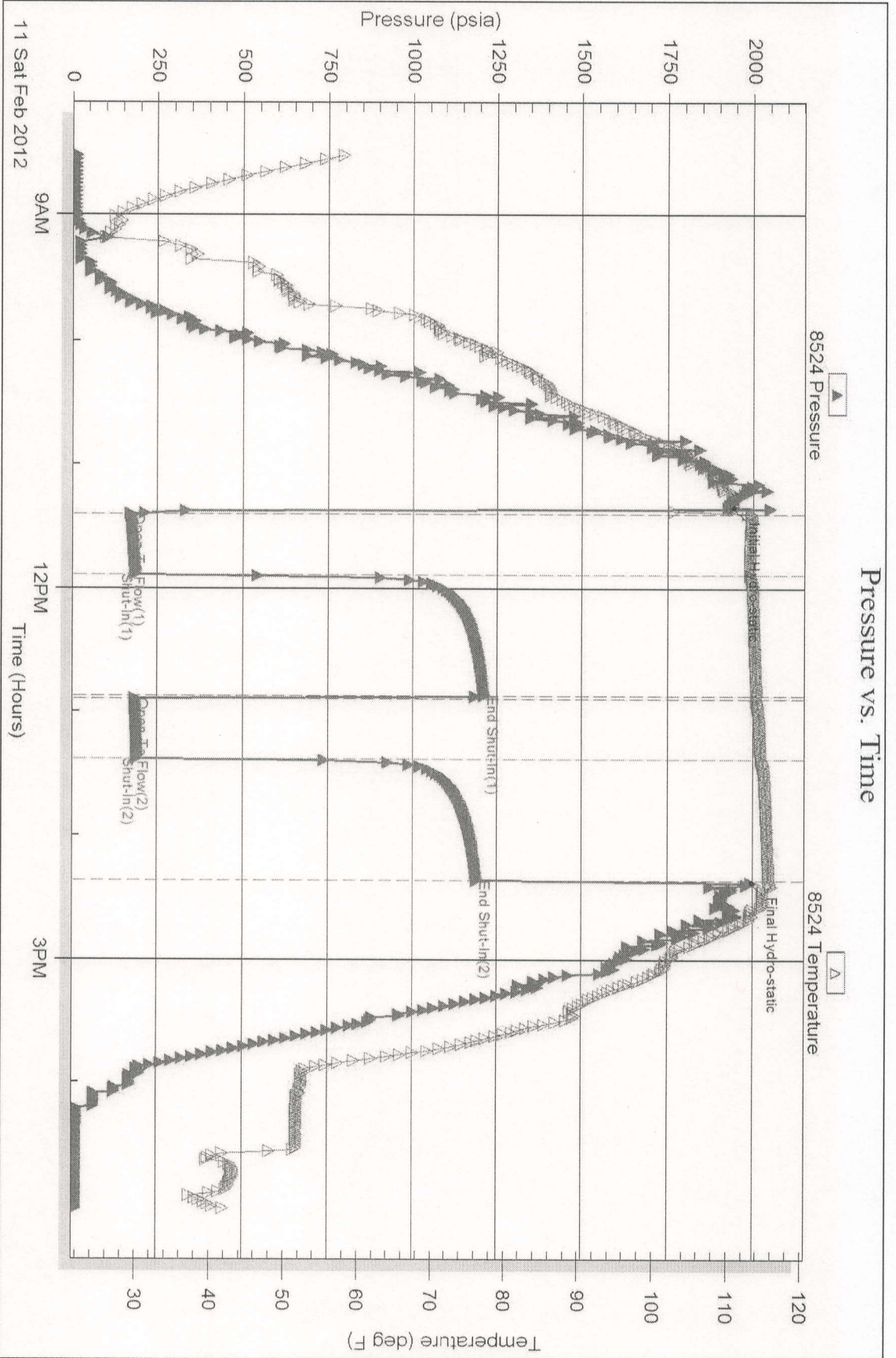
| Choke (inches) | Pressure (psia) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
| | | |

Serial #: 8524

Carrie Exploration

Doxon/Bunker #C-1

DST Test Number: 7

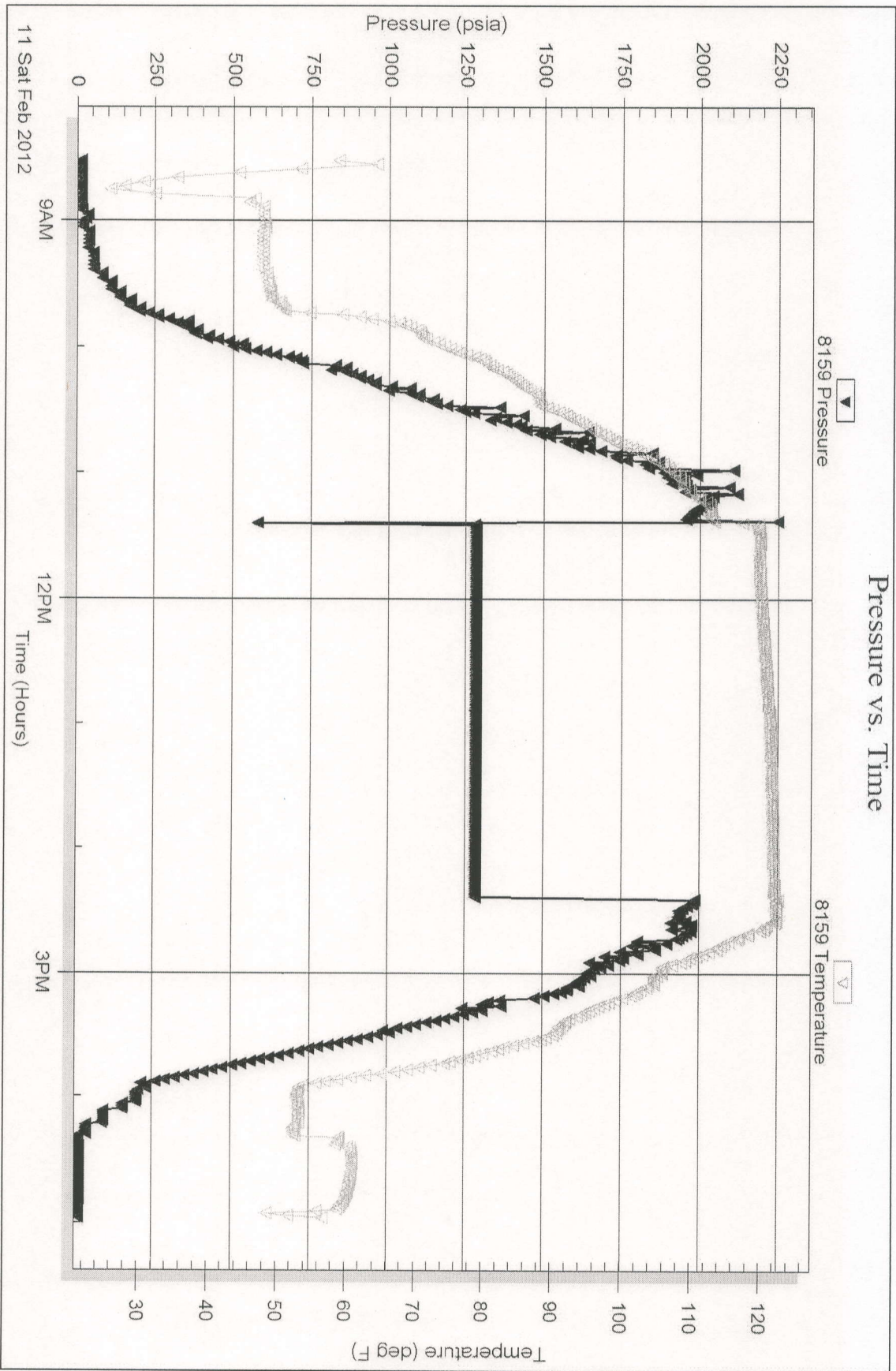


Serial #: 8159

Carrie Exploration

Dox on/Bunker #C-1

DST Test Number: 7



SOUTHWIND DRILLING, INC.

RIG #4

PO Box 276, Ellinwood, KS 67526
Office Phone 620-564-3800, Fax 620-564-3845

DRILLING REPORT

Doxon/Bunker C-1

Location: 2194' FNL & 2310' FEL
API#: 15-195-22761-00-00

Section: 23-12S-22W
Trego County, Kansas

OWNER: Carrie Exploration & Development
CONTRACTOR: Southwind Drilling, Inc.

COMMENCED: 02/01/2012
COMPLETED: 02/12/2012

TOTAL DEPTH: Driller: 4136'
Logger: 4139'

Ground Elevation: 2362'
KB Elevation: 2369'

LOG:

| | | | |
|-------|---|-------|--------------|
| 0' | - | 260' | Surface Hole |
| 260' | - | 1782' | Sand / Shale |
| 1782' | - | 1807' | Anhydrite |
| 1807' | - | 3136' | Sand / Shale |
| 3136' | - | 3660' | Lime / Shale |
| 3660' | - | 3715' | Kansas City |
| 3715' | - | 4035' | Lime / Shale |
| 4035' | - | 4078' | Marmaton |
| 4078' | - | 4136' | Arbuckle |
| | | 4136' | RTD |

CASING RECORDS

Surface casing

Ran 6 joints of new 24# 8 5/8" casing, Tally @ 250', Set @ 260', cemented with 250 sacks of common, 3% cc, 2% gel, cement did circulate, by Allied (Ticket #056952), plug was down @ 12:45 am on 2/2/2012.

Production casing

Ran 98 joints of 5 1/2" casing, Tally @ 4177', Set @ 4137', cemented with 205 sacks, 175 sacks of AA2, 30 sacks of 60/40 Poz, by Basic (Ticket #4137), plug was down @ 8:30 am on 2/12/2012.

DEVIATION SURVEYS

| | | |
|-----------------|---|-------|
| 1/2 degree(s) | @ | 260' |
| 1 degree(s) | @ | 3690' |
| 1 3/4 degree(s) | @ | 4035' |
| 2 degree(s) | @ | 4136' |

COPELAND

Acid & Cement

POST OFFICE BOX 438
 HAYSVILLE, KS 67060
 (316) 524-1225
 (316) 524-1027 FAX

Invoice

BURRTON, KS ♦ GREAT BEND, KS
 (620) 463-5161 (620) 793-3366
 FAX (620) 463-2104 FAX (620) 793-3536

INVOICE NUMBER:
C39009-IN

BILL TO:
CARRIE EXPLORATION & DEV.
210 WEST 22ND STREET
HAYS, KS 67601

LEASE: DOXON-BUNKER C-1

C

| DATE | ORDER | SALESMAN | ORDER DATE | PURCHASE ORDER | SPECIAL INSTRUCTIONS | |
|---|--------|---|------------|-----------------------|----------------------|------------------------|
| 02/29/2012 | C39009 | | 02/24/2012 | | NET 30 | |
| QUANTITY | U/M | ITEM NO./DESCRIPTION | | D/C | PRICE | EXTENSION |
| 40.00 | MI | CEMENT MILEAGE PUMP TRUCK | | 0.00 | 4.00 | 160.00 |
| 40.00 | MI | CEMENT MILEAGE PU TRUCK | | 0.00 | 2.00 | 80.00 |
| 1.00 | EA | CEMENT PUMP CHARGE | | 0.00 | 950.00 | 950.00 |
| 275.00 | SAX | 65-35 POZ MIX 2% GEL | | 0.00 | 9.25 | 2,543.75 |
| 10.00 | SAX | 4% ADDITIONAL GEL | | 0.00 | 20.00 | 200.00 |
| 285.00 | EA | BULK CHARGE | | 0.00 | 1.25 | 356.25 |
| 504.00 | MI | BULK TRUCK - TON MILES | | 0.00 | 1.10 | 554.40 |
| | | <i>pd 3-23-12 # 3044</i> | | | | |
| | | <i>Add 400⁰⁰ to Becker for packer</i> | | | | |
| | | | | <i>so 5509.00</i> | | |
| REMIT TO: P.O. BOX 438 HAYSVILLE, KS 67060 | | COP | | Net Invoice: | | 4,844.40 |
| | | FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY. | | TRECO Sales Tax: | | 64.60 |
| RECEIVED BY _____ | | NET 30 DAYS | | Invoice Total: | | <u><u>4,909.00</u></u> |

There will be a charge of 1.5% "per month" (18% annual rate) on all accounts over 30 days past due.

| | | | |
|--------------------------------------|-------------------------|--------------------------------------|---------------------|
| Customer <i>Carrie Explorativ</i> | Lease No. | Date <i>2-12-12</i> | |
| Lease <i>Dolan Bunker</i> | Well # <i>C-1</i> | | |
| Field Order # <i>5649</i> | Station <i>Pratt</i> | Casing <i>5 7/8 15.5</i> | Depth <i>784</i> |
| Type Job <i>CNW-5 1/2 L.S.</i> | Formation | County <i>T. 90</i> | State <i>KS</i> |
| | | Legal Description <i>23-12-22</i> | |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|--------------------------------|--------------|------------------|----|---------------------------|------------|------------------|------------------|--|
| Casing Size | Tubing Size | Shots/Ft | | Acid | RATE | PRESS | ISIP | |
| <i>5 7/8 15.5</i> | | <i>175 sks</i> | | <i>AAJ Cement</i> | | | Max 5 Min. | |
| Depth <i>4137</i> | Depth | From | To | Pre Pad <i>1.36 yd</i> | Max | | 10 Min. | |
| Volume <i>924</i> | Volume | From | To | Pad <i>60/40 PZ</i> | Min | | 15 Min. | |
| Max Press <i>3000</i> | Max Press | From | To | Frac <i>1.26 yd</i> | Avg | | HHP Used | |
| Well Connection <i>P.C.</i> | Annulus Vol. | From | To | | | | Annulus Pressure | |
| Plug Depth | Packer Depth | From | To | Flush <i>97.6</i> | Gas Volume | | Total Load | |

| | | |
|---|--------------------------------------|---------------------------------|
| Customer Representative | Station Manager <i>Dave Scott</i> | Treater <i>Steve Orlando</i> |
| Service Units <i>27273 33703/20920 15830/21010</i> | | |
| Driver Names <i>D.L. J. Mitchell Young</i> | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|-----------------|-----------------|-----------------|--------------|----------|---|
| <i>12:30 AM</i> | | | | | <i>On Location - Safety Meeting</i> |
| | | | | | <i>Run 7 1/2 5 7/8 CS</i> |
| | | | | | <i>Contraband 1.3.5.7.9.12.15.57</i> |
| | | | | | <i>Basket 57 port collar 58 1678</i> |
| | | | | | <i>Casing on Bottom Break Circ w/R.</i> |
| <i>7:57</i> | <i>300</i> | | <i>8</i> | <i>6</i> | <i>Super Slush =</i> |
| <i>7:59</i> | <i>300</i> | | <i>5</i> | <i>6</i> | <i>H2O Spacer =</i> |
| <i>8:00</i> | <i>250</i> | | <i>42</i> | <i>6</i> | <i>mix 175 sks AAJ Cement @ 15.5% / gal</i> |
| | | | | | <i>Shut Down - Clear pump line</i> |
| <i>8:13</i> | <i>0</i> | | <i>0</i> | <i>7</i> | <i>Start H2O Displacement</i> |
| <i>8:23</i> | <i>300</i> | | <i>70</i> | <i>6</i> | <i>L.C.I. Pressure</i> |
| <i>8:27</i> | <i>600</i> | | <i>90</i> | <i>5</i> | <i>Slow Rate</i> |
| <i>8:30 AM</i> | <i>1500</i> | | <i>97.6</i> | <i>4</i> | <i>Plug Down - Hold</i> |
| | | | | | <i>Plus R11 w/ 60/40 PZ 30 sks</i> |
| | | | | | <i>Circulation This Job</i> |



| | | |
|-----------------|---------|--------------|
| PAGE | CUST NO | INVOICE DATE |
| 1 of 1 | 1005952 | 02/15/2012 |
| INVOICE NUMBER | | |
| 1718 - 90830692 | | |

Pratt (620) 672-1201
 B CARRIE EXPLORATION & DEVELOPMENT LLC
 I 210 W 22ND ST
 L HAYS
 L KS US 67601
 T
 O ATTN: HEROLD

J LEASE NAME Doxon Bunker C-1
 O LOCATION
 B COUNTY Trego
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

 pd 1695
 3-21-12

| JOB # | EQUIPMENT # | PURCHASE ORDER NO. | TERMS | DUE DATE |
|----------|-------------|--------------------|---------------|------------|
| 40430217 | 20920 | | Net - 30 days | 03/16/2012 |

| | QTY | U of M | UNIT PRICE | INVOICE AMOUNT |
|--|--------|--------|------------|----------------|
| For Service Dates: 02/12/2012 to 02/12/2012 | | | | |
| 0040430217 | | | | |
| 171805649A Cement-New Well Casing/Pi 02/12/2012 | | | | |
| Cement 5 1/2" Longstring Port Collar | | | | |
| AA2 Cement | 175.00 | EA | 13.60 | 2,380.00 T |
| 60/40 POZ | 30.00 | EA | 9.60 | 288.00 T |
| C-41P | 42.00 | EA | 3.20 | 134.40 T |
| Salt | 804.00 | EA | 0.40 | 321.60 T |
| C-44 | 124.00 | EA | 4.12 | 510.88 T |
| FLA-322 | 83.00 | EA | 6.00 | 498.00 T |
| Gilsonite | 875.00 | EA | 0.54 | 469.00 T |
| Super Flush | 336.00 | EA | 1.96 | 658.56 T |
| Auto Fill float Shoe 5 1/2" (Blue) | 1.00 | EA | 288.00 | 288.00 |
| Latch Down Plug & Baffle 5 1/2" (Blue) | 1.00 | EA | 320.00 | 320.00 |
| 5 1/2" Port Collar | 1.00 | EA | 2,800.00 | 2,800.00 |
| 5 1/2" Basket (Blue) | 1.00 | EA | 232.00 | 232.00 |
| Turbolizer 5 1/2" (Blue) | 8.00 | EA | 88.00 | 704.00 |
| Heavy Equipment Mileage | 200.00 | MI | 5.60 | 1,120.00 |
| Proppant and Bulk Delivery Charge | 955.00 | MI | 1.28 | 1,222.40 |
| Blending & Mixing Service Charge | 205.00 | MI | 1.12 | 229.60 |
| Plug Conatiner Utilization Charge | 1.00 | EA | 200.00 | 200.00 |
| Unit Mileage Charge-Pickups, Vans & Cars | 100.00 | HR | 3.40 | 340.00 |
| Depth Charge; 4001-5000' | 1.00 | HR | 2,016.00 | 2,016.00 |
| Service Supervisor | 1.00 | HR | 140.00 | 140.00 |

| | | | |
|---------------------------|-------------------------------|---------------|-----------|
| PLEASE REMIT TO: | SEND OTHER CORRESPONDENCE TO: | SUB TOTAL | 14,872.44 |
| BASIC ENERGY SERVICES, LP | BASIC ENERGY SERVICES, LP | TAX | 357.71 |
| PO BOX 841903 | PO BOX 10460 | INVOICE TOTAL | 15,230.15 |
| DALLAS, TX 75284-1903 | MIDLAND, TX 79702 | | |