



KANSAS CORPORATION COMMISSION 1088545
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33235
Name: Chieftain Oil Co., Inc.
Address 1: 101 S. 5th St.; PO Box 124
Address 2: _____
City: KIOWA State: KS Zip: 67070 + 1912
Contact Person: Ron Molz
Phone: (620) 825-4030
CONTRACTOR: License # 34233
Name: Maverick Drilling LLC
Wellsite Geologist: Arden Ratzlaff
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>05/28/2010</u> | <u>06/07/2010</u> | <u>07/20/2010</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 15-007-23543-00-00

Spot Description: _____

NE SW SE SE Sec. 36 Twp. 34 S. R. 12 East West
466 Feet from North / South Line of Section
680 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barber

Lease Name: Yates A Well #: 2

Field Name: _____

Producing Formation: Mississippian

Elevation: Ground: 1391 Kelly Bushing: 1400

Total Depth: 5440 Plug Back Total Depth: 5386

Amount of Surface Pipe Set and Cemented at: 312 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: 10000 ppm Fluid volume: 1200 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite: _____

Operator Name: Molz Oil Co., Inc.

Lease Name: Garner License #: 6006

Quarter NW Sec. 11 Twp. 33 S. R. 10 East West

County: Barber Permit #: D-28060

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: Deanne Garrison Date: 07/31/2012



1088545

Operator Name: Chieftain Oil Co., Inc. Lease Name: Yates A Well #: 2
 Sec. 36 Twp. 34 S. R. 12 East West County: Barber

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 checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Geological Log Compensated Density/Neutron PE Log Dual Induction Log | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border: none;"> <tr> <td style="width:33%; text-align: center;">Name</td> <td style="width:33%; text-align: center;">Top</td> <td style="width:33%; text-align: center;">Datum</td> </tr> <tr> <td style="border: none;">Attached</td> <td style="border: none;">Attached</td> <td style="border: none;">Attached</td> </tr> </table> | Name | Top | Datum | Attached | Attached | Attached |
| Name | Top | Datum | | | | | |
| Attached | Attached | Attached | | | | | |

| 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 | 17.25 | 13.375 | 24 | 312 | 60/40 Poz | 340 | 2% Salt |
| Production | 7.875 | 5.5 | 15.5 | 5438 | Common | 200 | Gas Block 2% Salt |
| | | | | | | | |

| 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 |
|----------------|---|--|-----------|
| 3 | 4742-4782 | 1000 Gal. 7-1/2% HCL Acid | 4742-4782 |
| | | 1500 Gal. 15% HCL Acid | |
| | | Frac 25,000 BBLS Slick Water | |
| | | 411,000# Sand | |

| | | | | |
|--|--------------------|---|-------------|---|
| TUBING RECORD: | Size: <u>2-7/8</u> | Set At: <u>4800</u> | Packer At: | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumed Production, SWD or ENHR. <u>09/25/2010</u> | | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____ | | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio |
| | | | | |

| | | |
|--|--|---|
| 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> <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: _____ _____ |
|--|--|---|

| | |
|-----------|-------------------------|
| Form | ACO1 - Well Completion |
| Operator | Chieftain Oil Co., Inc. |
| Well Name | Yates A 2 |
| Doc ID | 1088545 |

Tops

| Name | Top | Depth |
|------------------|------|-------|
| Heebner | 3792 | -2392 |
| Stark | 4480 | -3080 |
| Base Kansas City | 4543 | -3143 |
| Cherokee | 4699 | -3299 |
| Mississippian | 4743 | -3343 |
| Kinderhook | 4494 | -3594 |
| Viola | 5153 | -3753 |
| Simpson | 5244 | -3844 |
| Simpson Sand | 5265 | -3865 |
| Total Depth | 5440 | -4040 |



| | | |
|------------------------|---------|--------------|
| PAGE | CT NO | INVOICE DATE |
| 1 of 1 | 1000719 | 06/01/2010 |
| INVOICE NUMBER | | |
| 1718 - 90328345 | | |

Pratt (620) 672-1201
 B CHIEFTAIN OIL COMPANY
 I PO Box: 124
 L KIOWA
 L KS US 67070
 T
 O ATTN:

J LEASE NAME Yates "A" 2
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

| JOB # | EQUIPMENT # | PURCHASE ORDER NO. | TERMS | DUE DATE |
|----------|-------------|--------------------|---------------|------------|
| 40189169 | 19905 | | Net - 30 days | 07/01/2010 |

| | QTY | U of M | UNIT PRICE | INVOICE AMOUNT |
|--|--------|--------|------------|----------------|
| <i>For Service Dates: 05/29/2010 to 05/29/2010</i> | | | | |
| 0040189169 | | | | |
| 171802077A Cement-New Well Casing/Pi 05/29/2010 | | | | |
| Cement | 340.00 | EA | 5.40 | 1,835.85 T |
| 60/40 POZ | | | | |
| Calcium Chloride | 879.00 | EA | 0.47 | 415.29 T |
| Additives | 85.00 | EA | 1.66 | 141.51 T |
| Cello-flake | | | | |
| Mileage | 100.00 | MI | 3.15 | 314.97 |
| Heavy Equipment Mileage | | | | |
| Pickup | 50.00 | HR | 1.91 | 95.62 |
| Unit Mileage Charge-Pickup, Vans & Cars | | | | |
| Mileage | 733.00 | MI | 0.72 | 527.71 |
| Proppant and Bulk Delivery Charge | | | | |
| Mileage | 340.00 | MI | 0.63 | 214.18 |
| Blending & Mixing Service Charge | | | | |
| Pump Charge-Hourly | 1.00 | HR | 449.96 | 449.96 |
| Depth Charge; 0-500' | | | | |
| Supervisor | 1.00 | HR | 78.74 | 78.74 |
| Service Supervisor | | | | |

ENTERED
 JUN 07 2010
 9121 BC

| | | | |
|----------------------------------|--------------------------------------|----------------------|-----------------|
| PLEASE REMIT TO: | SEND OTHER CORRESPONDENCE TO: | SUB TOTAL | 4,073.83 |
| BASIC ENERGY SERVICES, LP | BASIC ENERGY SERVICES, LP | TAX | 150.74 |
| PO BOX 841903 | PO BOX 10460 | INVOICE TOTAL | 4,224.57 |
| DALLAS, TX 75284-1903 | MIDLAND, TX 79702 | | |



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 02077/A

36-345-12W

DATE _____ TICKET NO. _____

| | | | | | | | | | |
|--|-----|------------------------|-----|--|-----|---|--|---------------------|--|
| DATE OF JOB 5-29-10 | | DISTRICT Pratt, Kansas | | NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> | | PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> | | CUSTOMER ORDER NO.: | |
| CUSTOMER Chieftain Oil Company, Incorporated | | | | LEASE Yates "A" | | | | WELL NO. 2 | |
| ADDRESS | | | | COUNTY Barber | | STATE Kansas | | | |
| CITY | | STATE | | SERVICE CREW C. Messick; M. Mattal; E. Marquez | | | | | |
| AUTHORIZED BY | | | | JOB TYPE: C.N.W. - Conductor | | | | | |
| EQUIPMENT# | HRS | EQUIPMENT# | HRS | EQUIPMENT# | HRS | TRUCK CALLED | | | |
| 19,866 | .5 | | | | | DATE 5-28-10 AM 8:30 | | | |
| | | | | | | ARRIVED AT JOB 5-28-10 AM 9:30 | | | |
| 19,903-19,905 | .5 | | | | | START OPERATION 5-29-10 AM 12:45 | | | |
| | | | | | | FINISH OPERATION 1 PM 1:15 | | | |
| 19,831-19,862 | .5 | | | | | RELEASED 5-29-10 AM 1:30 | | | |
| | | | | | | MILES FROM STATION TO WELL 50 | | | |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|------|----------|------------|-----------|
| P CP 103 | 60/40 Poz Cement | sk | 340 | \$ | 4,080 00 |
| P CC 102 | Cellplate | Lb | 85 | \$ | 314 50 |
| P CC 109 | Calcium Chloride | Lb | 879 | \$ | 922 95 |
| P E 100 | Pickup Mileage | mi | 50 | \$ | 212 50 |
| P E 101 | Heavy Equipment Mileage | mi | 100 | \$ | 700 00 |
| P E 113 | Bulk Delivery | tm | 733 | \$ | 1,172 00 |
| P CE 200 | Cement Pump: 0 Feet To 500 Feet | Job | 1 | \$ | 1,000 00 |
| P CE 240 | Blending and Mixing Service | sk | 340 | \$ | 476 00 |
| P 5003 | Service Supervisor | Job | 1 | \$ | 175 00 |

| CHEMICAL / ACID DATA: | | | |
|-----------------------|--|--|--|
| | | | |
| | | | |
| | | | |

| | | | |
|---------------------|------------|----|----------|
| SUB TOTAL | | \$ | 4,073 83 |
| SERVICE & EQUIPMENT | %TAX ON \$ | | DLS |
| MATERIALS | %TAX ON \$ | | |
| TOTAL | | | |

Terry J. Lewis

SERVICE REPRESENTATIVE *Ernesto R. Messick* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

| | | | | | |
|---|--------------------------|------------------------|-------------------|---------------------------------|-----------------|
| Customer Chieftain Oil Company, Incorporated | | Lease No. Yates "A" | | Date 5-29-10 | |
| Lease Yates "A" | | Well # 2 | | | |
| Field Order # 2077 | Station Pratt, Kansas | Casing 13 7/8" | Depth 54.5 ft. | County Barber | State Kansas |
| Type Job C.N.W. - Conductor | | | Formation | Legal Description 36-345-12W | |

| PIPE DATA | | PERFORATING DATA | | CEMENT USED | | TREATMENT RESUME | | |
|--|-----------------------|------------------|-----------|----------------------|---------------------|------------------|-------|-------------------|
| Casing Size 13 7/8" | Tubing Size 5 1/2" | Shots/Ft 1 | 340 sacks | 60/40 Poz | with | RATE | PRESS | ISIP |
| Depth 312 Feet | Depth | From | 28 Gal. | 3/8 Calcium Chloride | | 25 Lb./st. | | 5 Min. Cell plate |
| Volume 48.2 Bbl. | Volume | From | To | 14.7 Lb./Gal. | 5.71 Gal. | 1.25 cu. ft. | | 10 Min. 50 st. |
| Max. Press. 350 PSI | Max. Press. | From | To | | | Avg | | 15 Min. |
| Well Connection 2 7/8 Slick and 2 1/2 Valve | Annulus Vol. | From | To | | | HHP Used | | Annulus Pressure |
| Plug Depth 300 feet | Packer Depth | From | To | Flush | 46 Bbl. Fresh Water | Gas Volume | | Total Load |

| | | |
|--|--------------------------------|--------------------------------|
| Customer Representative Terry Cummins | Station Manager David Scott | Treater Clarence R. Messick |
|--|--------------------------------|--------------------------------|

| | | | | | | | | | |
|---------------|---------|--------|---------|--------|--------|--|--|--|--|
| Service Units | 19,866 | 19,903 | 19,905 | 19,831 | 19,862 | | | | |
| Driver Names | Messick | Mattal | Marquez | | | | | | |

| Time | Casing Pressure | Tubing Pressure | Bbbs. Pumped | Rate | Service Log |
|-------|-----------------|-----------------|--------------|------|---|
| 9:30 | | | | | Trucks on location and hold safety meeting. |
| 10:40 | | | | | Maverick Drilling start to run 8 Joints new 54.5 Lb./Ft. 13 7/8 casing. |
| 12:20 | | | | | Casing in well. Circulate for 15 minutes |
| 12:43 | 300 | | | 5 | Start Fresh water Pre-Flush. |
| | 300 | | 10 | 5 | Start mixing 340 sacks 60/40 Poz cement. |
| | 150 | | 85 | 5 | Start Fresh water displacement. |
| 1:05 | 350 | | 131 | | Stop pumping. Shut in well. |
| | | | | | circulated 5 sacks cement to the pit. |
| | | | | | Wash up pump truck. |
| 1:30 | | | | | Job Complete. |
| | | | | | Thank You |
| | | | | | Clarence, Milre, Edmundo |



| | | |
|-----------------------------------|------------------|----------------------------|
| PAGE 1 of 2 | CT NO 1000719 | INVOICE DATE 06/22/2010 |
| INVOICE NUMBER 1718 - 90342805 | | |

Pratt (620) 672-1201
 B CHIEFTAIN OIL COMPANY
 I PO Box: 124
 L KIOWA
 L KS US 67070
 T
 O ATTN:

J LEASE NAME Yates A-2
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

| JOB # | EQUIPMENT # | PURCHASE ORDER NO. | TERMS | DUE DATE | | |
|--|-------------|--------------------|---------------|------------|------------|----------------|
| 40197478 | 20920 | | Net - 30 days | 07/22/2010 | | |
| | | | QTY | U of M | UNIT PRICE | INVOICE AMOUNT |
| For Service Dates: 06/09/2010 to 06/09/2010 | | | | | | |
| 0040197478 | | | | | | |
| 17182127AR Cement-New Well Casing/Pi 06/09/2010 | | | | | | |
| 5 1/2" Longstring | | | | | | |
| Cement | | | 200.00 | EA | 10.37 | 2,073.90 T |
| AA2 Cement | | | | | | |
| Cement | | | 50.00 | EA | 7.32 | 365.98 T |
| 60/40 POZ | | | | | | |
| Additives | | | 38.00 | EA | 2.44 | 92.72 T |
| De-foamer (Powder) | | | | | | |
| Additives | | | 990.00 | EA | 0.30 | 301.94 T |
| Salt (Fine) | | | | | | |
| Additives | | | 188.00 | EA | 3.14 | 590.57 T |
| Gas-Blok | | | | | | |
| Additives | | | 151.00 | EA | 4.57 | 690.79 T |
| FLA-322 | | | | | | |
| Additives | | | 1,000.00 | EA | 0.41 | 408.68 T |
| Gilsonite | | | | | | |
| Cement Float Equipment | | | 1.00 | EA | 243.99 | 243.99 |
| Latch Down Plug & Baffle 5 1/2" (Blue) | | | | | | |
| Cement Float Equipment | | | 1.00 | EA | 219.59 | 219.59 |
| Auto Fill Float Shoe 5 1/2" (Blue) | | | | | | |
| Cement Float Equipment | | | 7.00 | EA | 67.10 | 469.68 |
| Turbolizer 5 1/2" (Blue) | | | | | | |
| Cement Float Equipment | | | 2.00 | EA | 176.89 | 353.78 |
| 5 1/2" Basket (Blue) | | | | | | |
| Additives | | | 5.00 | EA | 21.35 | 106.74 T |
| CS-1L KCL Substitute | | | | | | |
| Additives | | | 500.00 | EA | 0.52 | 262.29 T |
| Mud Flush | | | | | | |
| Additives | | | 500.00 | EA | 0.93 | 466.63 T |
| Super Flush II | | | | | | |
| Pickup | | | 50.00 | HR | 2.59 | 129.62 |

ENTERED
 JUN 29 2010
 9121 BC

10,335.11



| | | |
|--|------------------|----------------------------|
| PAGE 2 of 2 | CT NO 1000719 | INVOICE DATE 06/22/2010 |
| INVOICE NUMBER 1718 - 90342805 | | |

Pratt (620) 672-1201
 B CHIEFTAIN OIL COMPANY
 I PO Box: 124
 L KIOWA
 T KS US 67070
 O ATTN:

J LEASE NAME Yates A-2
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

| JOB # | EQUIPMENT # | PURCHASE ORDER NO. | TERMS | DUE DATE |
|----------|-------------|--------------------|---------------|------------|
| 40197478 | 20920 | | Net - 30 days | 07/22/2010 |

| | QTY | U of M | UNIT PRICE | INVOICE AMOUNT |
|--|--------|--------|------------|----------------|
| Unit Mileage Charge-Pickups, Vans & Cars Mileage | 100.00 | MI | 4.27 | 426.98 |
| Heavy Equipment Mileage Mileage | 578.00 | MI | 0.98 | 564.10 |
| Proppant and Bulk Delivery Charges | | | | |
| Pump Charge-Hourly | 1.00 | HR | 1,756.71 | 1,756.71 |
| Depth Charge; 5001-6000' Mileage | 250.00 | MI | 0.85 | 213.49 |
| Blending & Mixing Service Charge | | | | |
| Cementing Head w/Manifold | 1.00 | EA | 152.49 | 152.49 |
| Plug Container Utilization Charge | | | | |
| Supervisor | 1.00 | HR | 106.74 | 106.74 |
| Service Supervisor | | | | |

| | | | |
|---------------------------|-------------------------------|---------------|-----------|
| PLEASE REMIT TO: | SEND OTHER CORRESPONDENCE TO: | SUB TOTAL | 9,997.41 |
| BASIC ENERGY SERVICES, LP | BASIC ENERGY SERVICES, LP | TAX | 337.70 |
| PO BOX 841903 | PO BOX 10460 | INVOICE TOTAL | 10,335.11 |
| DALLAS, TX 75284-1903 | MIDLAND, TX 79702 | | |



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 2127 AR

DATE TICKET NO. CONT

| DATE OF JOB <u>06-09-10</u> DISTRICT <u>PRATT</u> | | NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.: | | | | | | | |
|---|---------------|--|-----|-----------------|-----|----------------------------|-----------------|-------------|-----------|
| CUSTOMER <u>AOLEZ Oil Co.</u> | | LEASE <u>YATES</u> | | A-2 WELL NO. | | | | | |
| ADDRESS <u>Chieftain Oil Company</u> | | COUNTY <u>BARCEL</u> | | STATE <u>Ks</u> | | | | | |
| CITY STATE | | SERVICE CREW <u>Sullivan, Malsary, Rouse</u> | | | | | | | |
| AUTHORIZED BY | | JOB TYPE: <u>CONV 5 1/2 LR</u> | | | | | | | |
| EQUIPMENT# | HRS | EQUIPMENT# | HRS | EQUIPMENT# | HRS | TRUCK CALLED | DATE | AM | TIME |
| <u>19959/20820</u> | <u>50 min</u> | | | | | | <u>06-08-10</u> | <u>8:25</u> | <u>00</u> |
| <u>19826/19860</u> | <u>50 min</u> | | | | | ARRIVED AT JOB | <u>06-09-10</u> | <u>8:00</u> | <u>00</u> |
| <u>19867</u> | | | | | | START OPERATION | | <u>8:00</u> | <u>00</u> |
| | | | | | | FINISH OPERATION | | <u>9:50</u> | <u>00</u> |
| | | | | | | RELEASED | <u>06-09-10</u> | <u>9:15</u> | <u>00</u> |
| | | | | | | MILES FROM STATION TO WELL | <u>50</u> | | |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|------|----------|------------|-----------|
| CP 105 | AA-2 cmt | SK | 200 | | 3,400.00 |
| CP 103 | 60/100 p02 cmt | SK | 50 | | 600.00 |
| CC 105 | Dr-foamed | lb | 38 | | 152.00 |
| CC 111 | Salt | lb | 990 | | 495.00 |
| CC 115 | PAK-Bld | lb | 188 | | 968.20 |
| CC 129 | FLA-322 | lb | 151 | | 1,132.50 |
| CC 201 | Gilsonite | lb | 1,000 | | 670.00 |
| CF 607 | Latch down Baffle w/ Plug 5 1/2 | EA | 1 | | 400.00 |
| CF 1251 | Auto Fill shoe w/ 2250th | EA | 1 | | 360.00 |
| CF 1051 | Turbolizer | EA | 7 | | 270.00 |
| CF 1901 | Boxed | EA | 2 | | 580.00 |
| C 204 | CS-1 rec Sub | YAL | 5 | | 125.00 |
| CC 151 | mud flush | YAL | 300 | | 430.00 |
| CC 155 | Super Flush II | YAL | 50 | | 266.00 |
| E 100 | pickup mifido | mi | 50 | | 212.50 |
| E 101 | heavy spot mifido | mi | 100 | | 200.00 |
| E 113 | Bulk Delivery | MM | 578 | | 924.00 |
| CE 206 | Depth change 500'-600' | EA | 1 | | 2,880.00 |
| CE 240 | Blending / mixing change | SK | 250 | | 350.00 |
| SUB TOTAL | | | | | |

| CHEMICAL / ACID DATA: | | | |
|-----------------------|--|--|--|
| | | | |
| | | | |
| | | | |

| | | |
|---------------------|------------|-----------|
| SERVICE & EQUIPMENT | %TAX ON \$ | |
| MATERIALS | %TAX ON \$ | |
| TOTAL | | <u>46</u> |

| | |
|---|---|
| SERVICE REPRESENTATIVE <u>[Signature]</u> | THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT) |
|---|---|

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

| | | | | | |
|---------------------------------------|----------------------|---------------------|-----------------------------------|----------------------|-----------------|
| Customer <i>Chieftain Oil Company</i> | | | Lease No. | | Date |
| Lease <i>YATES</i> | | | Well # <i>A-2</i> | | <i>06-09-10</i> |
| Field Order # <i>2127</i> | Station <i>PRATT</i> | Casing <i>5 1/2</i> | Depth <i>5438'</i> | County <i>BALDER</i> | State <i>KS</i> |
| Type Job <i>CNW</i> | <i>5 1/2 LS</i> | Formation | Legal Description <i>36-34-12</i> | | |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|-----------------------------|--------------|------------------|----|------------|------------|------------------|-------|------------------|
| Casing <i>5 1/2</i> | Tubing Size | Shots/Ft | | Acid | | RATE | PRESS | ISIP |
| Depth <i>5438'</i> | Depth | From | To | Pre Pad | Max | | | 5 Min. |
| Volume <i>118</i> | Volume | From | To | Pad | Min | | | 10 Min. |
| Max Press <i>2,000</i> | Max Press | From | To | Frac | Avg | | | 15 Min. |
| Well Connection <i>P.C.</i> | Annulus Vol. | From | To | | HHP Used | | | Annulus Pressure |
| Plug Depth <i>5374'</i> | Packer Depth | From | To | Flush | Gas Volume | | | Total Load |

| | | |
|-------------------------|-----------------------------------|--------------------------------|
| Customer Representative | Station Manager <i>DAVE SCOTT</i> | Treater <i>Robert Sullivan</i> |
|-------------------------|-----------------------------------|--------------------------------|

| | | | | | | | | | |
|---------------|-----------------|---------------|--------------|--------------|--------------|--|--|--|--|
| Service Units | <i>19867</i> | <i>19959</i> | <i>20920</i> | <i>19826</i> | <i>19860</i> | | | | |
| Driver Names | <i>Sullivan</i> | <i>Melton</i> | <i>Roush</i> | | | | | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|----------------|-----------------|-----------------|--------------|------------|---|
| <i>0100 Am</i> | | | | | <i>on the safety meeting</i> |
| | | | | | <i>Run 129 5.75 5 1/2 15.5 csg</i> |
| | | | | | <i>Baskets 2-12 cont. 4, 10, 14, 16, 17, 18-2</i> |
| <i>0650</i> | | | | | <i>Casing on Bottom</i> |
| <i>0700 Am</i> | | | | | <i>Hooked Rig to Circ</i> |
| <i>0810</i> | <i>200</i> | | <i>12</i> | <i>4</i> | <i>Start mud flush</i> |
| | | | <i>5</i> | | <i>Start SPACER</i> |
| | | | <i>12</i> | | <i>Start Super Flush</i> |
| | | | <i>5</i> | | <i>Start SPACER</i> |
| | | | <i>51</i> | <i>5.5</i> | <i>Mix 200 sk AA-2 cont</i> |
| | | | | | <i>Shut down cont mix. wash, pump, line</i> |
| | | | | | <i>Release Plug</i> |
| <i>0820</i> | | | | <i>6.5</i> | <i>Start Disp</i> |
| | <i>300</i> | | <i>93</i> | | <i>Lift Psi</i> |
| | <i>550</i> | | | <i>5</i> | <i>Stop later</i> |
| <i>0840</i> | <i>1800</i> | | <i>128</i> | <i>4.5</i> | <i>Plug down</i> |
| | | | <i>7</i> | | <i>plug R.H w/ 30sk 60/40 net</i> |
| | | | <i>5</i> | | <i>plug m.H w/ 20 sk P-2</i> |
| | | | | | <i>Job Complete</i> |

Thank You

Arden Ratzlaff

PETROLEUM GEOLOGIST

Phone: 252-9938

107 N. Market 808 Irving Bldg. Wichita, KS 67208

COMPANY **CHIEFTAIN OIL CO., INC.**

LEASE **YATES, A. No. 2**

FIELD **SIRANATHAN**

LOCATION **NE SW SE SE**

SECTION **36** TOWNSHIP **34S** RANGE **12W**

COUNTY **BARBER** STATE **KANSAS**

CONTRACTOR **MAVERICK** RIG NO. **106**

COMMENCED DRILLING **5-28-10**

COMPLETED DRILLING **6-07-10**

RTD. **5441** FEET LTD. **5440** FEET

MUD UP AT **3500** FEET MUD TYPE **CHEMICAL**

DRILLING TIME

AND

SAMPLE LOG

ELEVATIONS

KB **1400**

IF **1398**

Q **1391**

Measurements Are All From **K.B.**

CASING

1 3/4" @ 312' W. 540 SX

2 1/2" @ 548' W. 200 SX

ELECTRICAL SURVEYS

SUPERSONIC-CANARY RAY DUAL INDENTED COMPRESSED METHOD EDENBERRY & P. F. COLLIER

FORMATION TOPS

SAMPLE

ELECTRIC LOG

RESERVOIR
STARK
BASE WANSAS CITY
CHEROKEE
MISSISSIPPIAN
SERRANUOK
WELLA
SIMPSON
SIMPSON SAND
TOTAL DEPTH

3792 (2892)
4480 (3080)
4946 (3146)
4499 (3299)
4750 (3350)
4494 (3294)
5151 (3751)
5241 (3841)
5245 (3845)
5441 (4041)










3792 (2892)
4480 (3080)
4946 (3146)
4499 (3299)
4750 (3350)
4494 (3294)
5151 (3751)
5241 (3841)
5245 (3845)
5440 (4040)

REMARKS AFTER ANALYZING ALL OF THE PERTINENT INFORMATION GATHERED WHILE DRILLING IT WAS THE DECISION THAT PRODUCTION CASING BE SET EXPECTING A VERY GOOD PRODUCING WELL

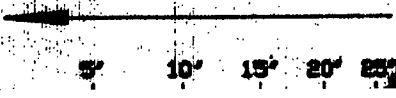
Arden Ratzlaff, Petroleum Geologist

NOTE: AMTIVE AMERICAN FURNISHED THE MUD-- SAMPLES DEPOSITED AT THE U.C.E. MUSEUM

LEGEND

-  Anhydrite
-  Salt
-  Sandstone
-  Shale
-  Carb sh
-  Limestone
-  Dol. L.
-  Chert
-  Dolomite

DRILLING TIME IN MINUTES PER FOOT
Rate of Penetration Increases



LITHOLOGY

SAMPLE DESCRIPTION

DEMARKS

DEPTH
 3400
 20
 40
 60
 80
 3300
 20
 40
 60
 80
 3200

SAMPLE DESCRIPTIONS

REMARKS

SHOWN TO THE GRY-CRY-GEN & RED IN
 ABOVE THIS GRY IN THE SURFACE TO
 DENSE HARD LN

LN-DY-CRY-BRN-CRY-GEN-FN LN
 DENSE HARD GRY LN IN GRY-BRN
 LN-CRY & BARE CRY-GEN LN

SHOWN TO THE GRY-SL-LAY IN GRY
 ABOVE

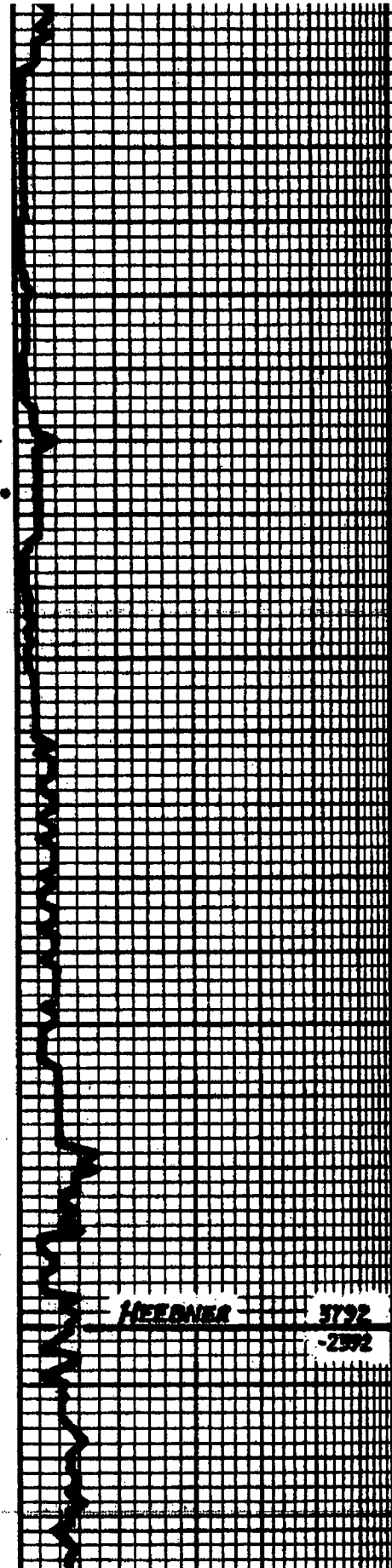
SH-MED GRY LN-LAY-SH & GRY LN
 AS ABOVE

SH-MED & DY-CRY LN-CRY-GEN IN SORT
 BARE SURF-LAY LN GRY-BRN LN LN
 DENSE HARD GRY LN IN GRY LN

SH AS ABOVE IN SORT BLY. IN GRY LN
 BLY-CRY-BRN LN LN & BARE LN LN LN
 CHUKY TO DENSE HARD LN



20
40
60
80
5700
20
40
60
80
3800
20



170-180 ABOVE IN TRAIL FROM FLYING DUCK
HARD LAY

SH. MED TO TH. GRAY SAND BLK. S. SIL
TUFF IN BUCK TRAIL FROM FLYING DUCK
SUB-COARSE TO MANG. HARDEN

SILTY SILT. UNDE. LY. GRAY TO TUFF. CLAY. N. BL
OTT. GRAY. MANG. HARDEN. BUCK TRAIL FROM FLYING
DUCK. N. S. - SOFT. MED TO TH.
GRY. & GRAY-GRA. SH

SILTY. LT. GRAY TO MANG. SAND. TUFF. OY
GRAYS. IMBEDDED. BUCK TRAIL FROM FLYING
DUCK. N. S. BUCK TRAIL FROM FLYING DUCK

SILTY. OY. ABOVE IN TRAIL FROM FLYING DUCK
GRAY. SAND. HARD. IN BUCK TRAIL FROM
FLYING DUCK. MANG. HARDEN. IN BUCK TRAIL

SILTY. MED. GRAY. SOFT. GRAY. SAND. TUFF. OY
GRAYS. TUFF. OY. BUCK TRAIL FROM FLYING
DUCK. N. S. BUCK TRAIL FROM FLYING DUCK

SILTY. MED TO TH. GRAY. SAND. TUFF. OY
GRAYS. SAND. TUFF. OY. BUCK TRAIL FROM
FLYING DUCK. N. S. BUCK TRAIL FROM FLYING DUCK

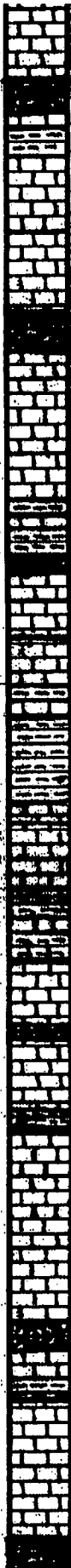
SILTY. ABOVE - STILL SOFT. BLK. SAND. BUCK
TRAIL FROM FLYING DUCK. N. S. BUCK TRAIL FROM
FLYING DUCK. STILL SOFT. BLK. SAND

SH. W. SAND. L. M. AS ABOVE

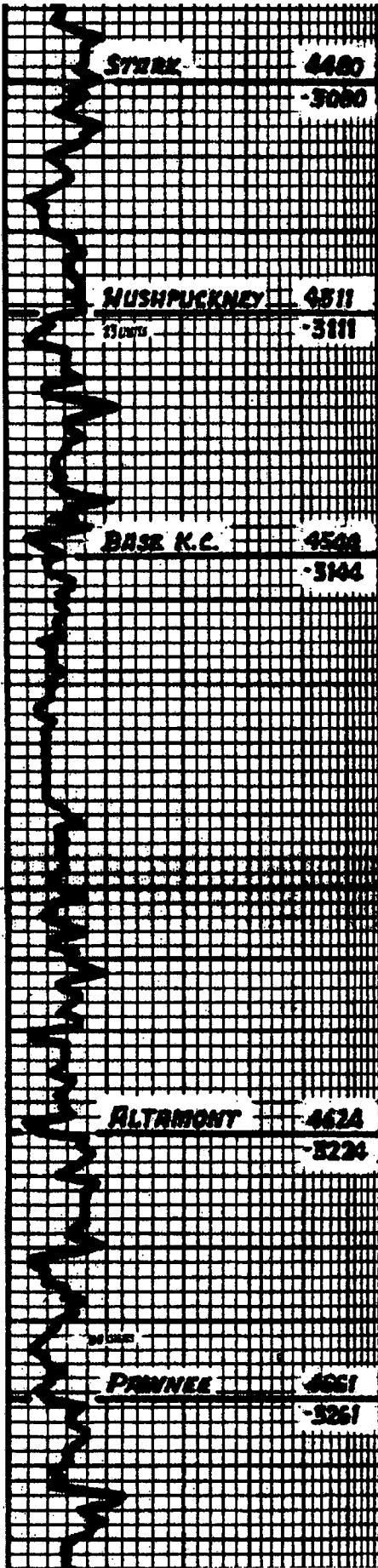
FEEDER 3792
2392

SILTY. MED. GRAY. TO SILTY. W. SAND. GRAY
BLK. - SOFT. L. M. & SILTY. AS ABOVE

LOO. GR. BLK. GRAY. & TUFF. IN. VLM. SUB-
TUFF. W. SAND. & TUFF. IN. VLM. SUB-



80
4500
20
40
60
80
4600
20
40
60
80



STARK 4480
-3080

MUSHPUCKNEY 4511
-3111

BASE K.C. 4548
-3144

ALTAHONT 4628
-3224

PANNEE 4661
-3261

SM. BLK. CORR. IN GRAY GRY & TAN. IN YIN. SUB-CULY TO BEDD. DENSE. HARD. CURTY IN L.C. GRY & GRY-CORR. SM.

LM. WH. & CORR. CULY IN PART TO BEDD. BLK. GRY & TAN. IN YIN. SUB-CULY TO BEDD. HARD. CURTY LM.

LM. WH. CORR. BLK. GRY IN YIN. CULY & SUB-CULY TO BEDD. HARD. CURTY IN BLK. CORR. SM.

SM. RED TO BK GRY GRY-CORR. BLK. CORR. IN PART LM. AS ABOVE

LM. CORR. BLK. GRY TAN. GRAY. IN YIN. SUB-CULY TO BEDD. DENSE. HARD. CURTY IN WH. & BK. GRY. BLK. CORR. CORR. TAN. GRY.

LM. AS ABOVE

SM. GRN. IN BED TO BK GRY & BLK. PLUS CORR. BLK. GRY TAN. IN YIN. SUB-CULY TO BEDD. HARD. LM.

LM. AS ABOVE IN GRAY TAN. & GRN. TINTED. GRN. SEMI-CORR. CURTY IN GRN. BLK. AS ABOVE

LM. WH. CORR. BLK. GRY TAN. IN YIN. CULY & SUB-CULY TO BEDD. DENSE. HARD.

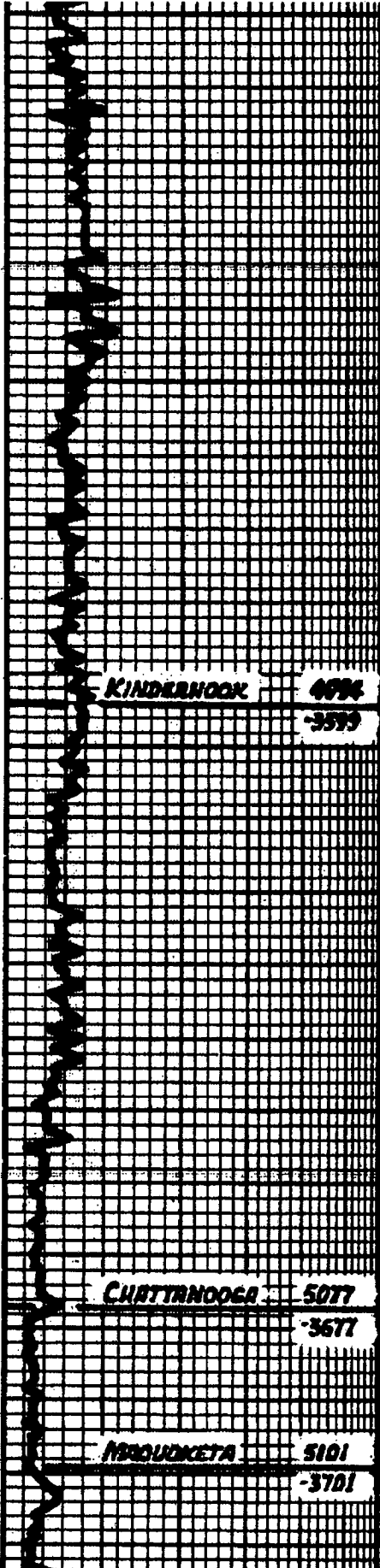
SM. BK. GRY. BLK. (PARTLY CORR.) GRN. IN LM. AS ABOVE - CORR. TO BEDD. IN YIN.

SM. BLK. CORR. IN BK. GRY PLUS BLK. GRY.

BIT TRIP @ 4486'
STRAP PIPE @ 4486'
BOND 4515.89'
STRAP 4515.89'
STRAP SHORT .80'



4900
20
40
60
80
5000
20
40
60
80
5100



KINDERHOOK 4094
3579

CATTARAUGUS 5077
3677

AROUNDKETA 5101
3701

SIL. SAND TO BK. CR. CR. GR. N. D. 100
BLK. & TR. CR. IN. CR. BL. 100. 100. 100.
V. S. SUB. CR. TO DENSE. HARD. 100.

SIL. L. OR. BL. SAND. BL. TR. BL. CR. BL.
X. L. DENSE. HARD. CR. BL. CR. 100. 100.
TR. BL. CR. BL. SIL. SUB. TR. CR. HARD.
100.

SAME AS ABOVE

SIL. SAND TO BK. CR. CR. GR. N. D. 100
CR. BL. CR. TR. CR. BL. CR. BL. CR.
CR. BL. TO DENSE. HARD. 100.

SIL. SAND CR. CR. GR. N. D. 100. 100.
CR. BL. CR. TR. CR. BL. CR. BL. CR.
CR. BL. TO DENSE. HARD. 100.

SAME AS ABOVE

SIL. SAND TO BK. CR. CR. GR. N. D. 100
CR. BL. CR. TR. CR. BL. CR. BL. CR.
CR. BL. TO DENSE. HARD. 100.

SIL. SAND TO BK. CR. CR. GR. N. D. 100
CR. BL. CR. TR. CR. BL. CR. BL. CR.
CR. BL. TO DENSE. HARD. 100.

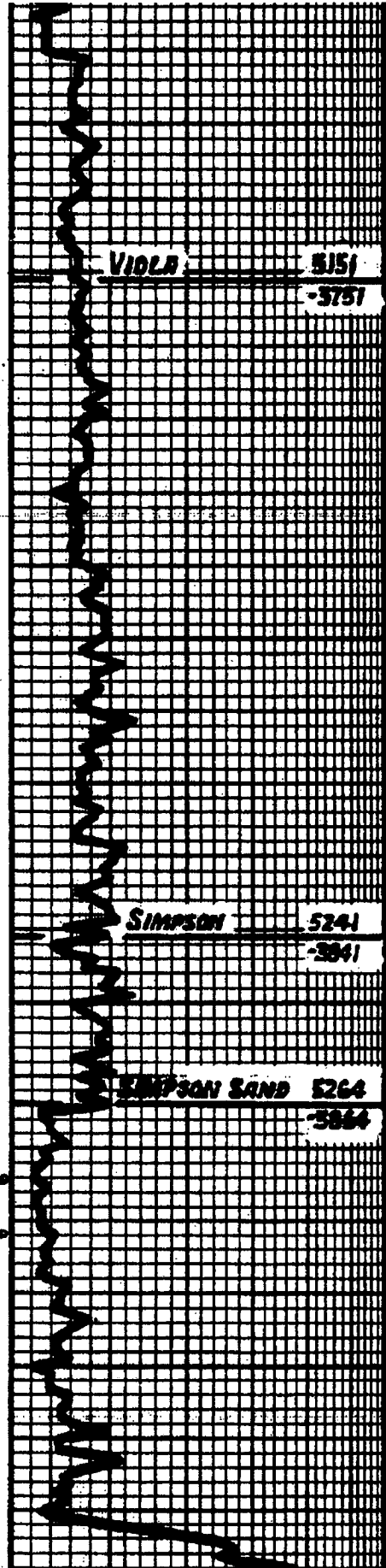
SIL. SAND TO BK. CR. CR. GR. N. D. 100
CR. BL. CR. TR. CR. BL. CR. BL. CR.
CR. BL. TO DENSE. HARD. 100.

SIL. SAND TO BK. CR. CR. GR. N. D. 100
CR. BL. CR. TR. CR. BL. CR. BL. CR.
CR. BL. TO DENSE. HARD. 100.

SIL. SAND TO BK. CR. CR. GR. N. D. 100
CR. BL. CR. TR. CR. BL. CR. BL. CR.
CR. BL. TO DENSE. HARD. 100.



20
40
60
80
5200
20
40
60
80
5300
20



VIOLA 5151 -5751

SIMPSON 5241 -5841

SIMPSON SAND 5264 -5864

ON IT GRILL SUIT TESTIM. MED TO BY
RND/CRTY TEXT & SPT. CRT-GR

SAME IN SPT. WILL COND SET P. BY 1/2 TON
ON YIN. SPT. CHIN TO SPT. DRILL HARD

1 IN. MIN. COND. IN HIL. CHIN. SUB. CR. BY
IN CR. A TON. CHIN. SPT. P. BY. HARD. DRILL
HARD. SPT. HARD. TON.

1 IN. MIN. COND. IN HIL. CHIN. SUB. CR. BY
IN CR. A TON. CHIN. SPT. P. BY. HARD. DRILL
HARD. SPT. HARD. TON.

SAME AS ABOVE IN. TO. IT. CRT. FRESH
SPT. IN. TON. SPT. SPT. CRT. DRILL. HARD

1 IN. 1/2 TON. SPT. CRT. TON. CHIN. SUB.
CR. BY. A TON. CHIN. SPT. P. BY. HARD. DRILL
HARD. SPT. HARD. TON.

1 IN. 1/2 TON. SPT. CRT. TON. CHIN. SUB.
CR. BY. A TON. CHIN. SPT. P. BY. HARD. DRILL
HARD. SPT. HARD. TON.

1 IN. 1/2 TON. SPT. CRT. TON. CHIN. SUB.
CR. BY. A TON. CHIN. SPT. P. BY. HARD. DRILL
HARD. SPT. HARD. TON.

1 1/2 TON. SPT. CRT. TON. CHIN. SUB.
CR. BY. A TON. CHIN. SPT. P. BY. HARD. DRILL
HARD. SPT. HARD. TON.

1 1/2 TON. SPT. CRT. TON. CHIN. SUB.
CR. BY. A TON. CHIN. SPT. P. BY. HARD. DRILL
HARD. SPT. HARD. TON.

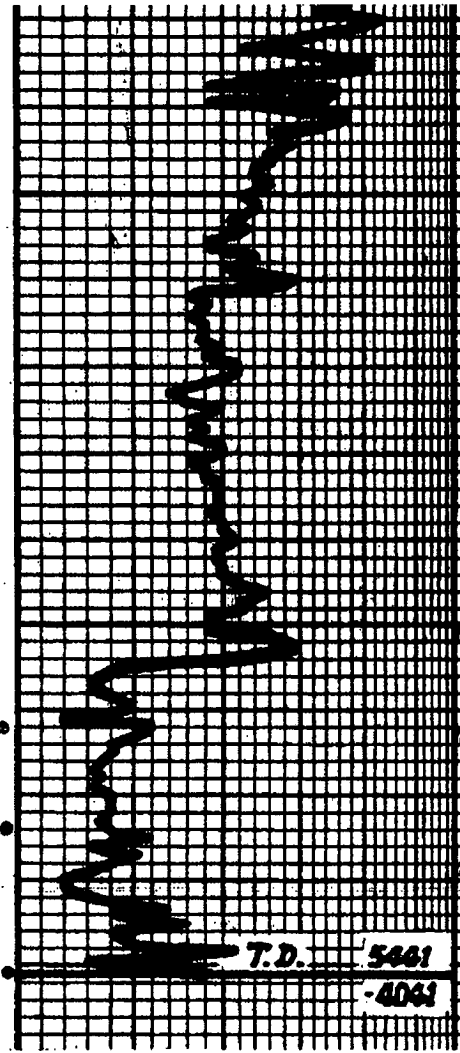
SAME AS ABOVE IN. TO. IT. CRT. FRESH
SPT. IN. TON. SPT. SPT. CRT. DRILL. HARD

SPT. AS ABOVE IN. MED. TO. CRT. A
DRILL. SPT.

SPT. AS ABOVE IN. MED. TO. CRT. A
DRILL. SPT.



40
60
80
100
120
140
160
175



SH. BATH. MED. TO DV. GRY. SIL. L. BATH.
CON. IN CONC. SOFT AS ABOVE

SH. MED. TO DV. GRY. AQUA. SIL. IN CONC.
LATE F. SOFT FROM UP. MOLD.

SH. BATH. MED. TO DV. GRY. SIL. IN
CONC. LATE SOFT F. IN FROM ABOVE.

(41) ST. SH. SIL. GRY. IN CONC. SOFT
SIL. ANG. TO BATH. SIL. BATH. MED. L.
BATH. SOFT F. IN CONC. SOFT. BATH.
CONC. SOFT. N. S.

(40) ST. SH. SIL. GRY. IN CONC. SOFT
SIL. ANG. TO BATH. SIL. BATH. MED. L.
BATH. SOFT F. IN CONC. SOFT. BATH.
CONC. SOFT. N. S.

(39) ST. SH. SIL. GRY. IN CONC. SOFT
SIL. ANG. TO BATH. SIL. BATH. MED. L.
BATH. SOFT F. IN CONC. SOFT. BATH.
CONC. SOFT. N. S.

T.D. 5461
-4061

STRAIGHT HOLE @ 5461'
DEVIATION = 3/4"

STRAIGHT PIPE @ 5461'
BOARD 5459.65'
STRAP 5459.02'
STRAP SHORT 1.63'

