



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1324060
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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

1324060

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

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| | |
|--|---|
| 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 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 |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |
| | | | | |

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | HERMAN L. LOEB, LLC |
| Well Name | J B HARE 1 |
| Doc ID | 1324060 |

Tops

| Name | Top | Datum |
|----------------|------|-------|
| Topeka | 2128 | -827 |
| Heebner Shale | 2543 | -1242 |
| Toronto | 2558 | -1257 |
| Stalnaker Sand | 2902 | -1601 |
| Kansas City | 3175 | -1874 |
| KC Swope | 3313 | -2012 |
| Hertha | 3344 | -2043 |
| Base KC | 3396 | -2095 |

LITHOLOGY STRIP LOG

WellSight Systems

Scale 1:240 (5"=100') Imperial

Well Name: J B Hare #1
Location: 2210' FSL & 335' FWL, Sec. 1-T31S-R3W, Sumner Co., KS.
Licence Number: 15-191-22780-00-00
Spud Date: 8/24/2016
Surface Coordinates: 2210' FSL & 335' FWL, Sec. 1-T31S-R3W
Region: Moyer Northwest
Drilling Completed: 8/28/16

Bottom Hole Same as Above
Coordinates:
Ground Elevation (ft): 1290' K.B. Elevation (ft): 1301'
Logged Interval (ft): 2100' To: 3400' Total Depth (ft): 3400'
Formation: Base Kansas City at Total Depth
Type of Drilling Fluid: Freshwater/Gel to 2383'; Chemical Gel 2383' to 3400'
Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Herman L. Loeb, LLC.
Address: P.O. Box 838
Lawrenceville, IL. 62439-0838

GEOLOGIST

Name: Jon D. Christensen
Company: Consulting Petroleum Geologist
Address: 277 S. Maple Dunes Court
Wichita, KS. 67235-7500

Cores

None Taken

DSTs

DST #1(Kansas City Swope) 3294' - 3322'(Corrected Depths to Log) Test Times 15"-45"-45"-90" IFP Fair Blow built to 7.5", 0.5" Blowback on ISI, FFP Fair Blow built to 10", no Blowback on FSIP; REC: 486' Gas in Pipe, 10' VSOCM(1%O, 99%M), no water; IFP 26-22#(Plugging action), ISIP 124#, FFP 30-35#, FSIP 183#, IHP 1693#, FHP 1608#, BHT 116 Deg. F.

Comments

8/24/16 MIRU Sterling Drilling Co. Rig #4, Spud at 4:45 PM.; 8/25/16 TD. 290' - WOC; 8/26/16 Drilling at 1390'; 8/27/16 TD. 3196' - CFS; 8/28/16 RTD. 3400' - Logging; 8/29/16 RTD. 3400', LTD. 3400' - Production Casing set.

Set new 8 5/8"(23#) Surface Casing at 288' KB. with 250 sacks cement(Basic Energy Services). Cement did Circulate. PD. at 4:45 AM. 8/25/16.

Set new 5 1/2"(15.5#) Production Casing at 3398' KB. with 250 sacks of "Loeb Blend" cement(Basic Energy Services). PD. at 3:30 AM. on 8/29/16.

Surveys: 0.50 Deg. at 290'(Surface Casing); 0.75 Deg. at 3320'(DST #1).


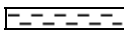

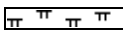
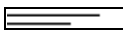
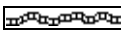




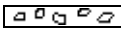


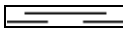

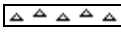


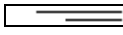
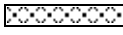
Pipe Strap at 3320'(DST #1): Strap 0.45' Long to the Board, no correction made to the Board.

After review of the ELI Wireline logs, structural position and indications of recoverable hydrocarbons, the operator elected to set new 5 1/2" Production Casing for completion in the Kansas City Swope zone.








































































LOG TOPS: Topeka 2128(-827), Heebner Shale 2543(-1242), Toronto 2558(-1257), Iatan Lmst. 2864(-1563), Stalnaker Sand 2902(-1601), Kansas City 3175(-1874), Stark Shale 3296(-1995), Swope 3313(-2012), Hertha 3344(-2043), Base Kansas City 3396(-2095).

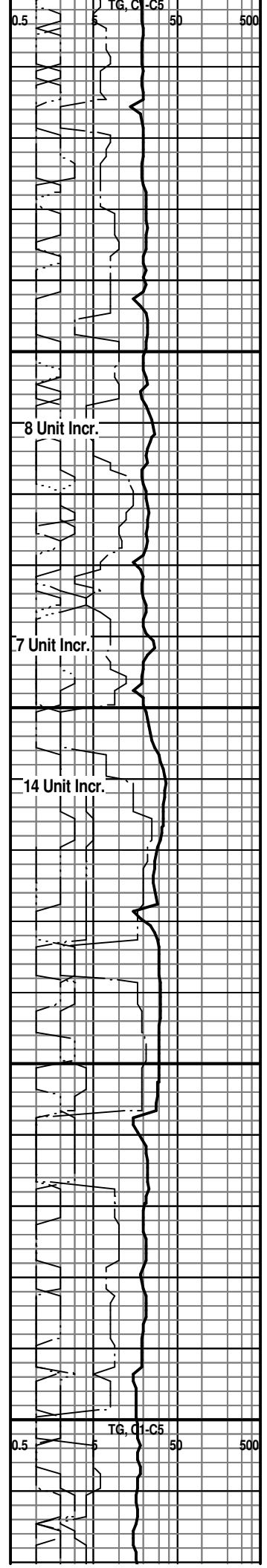
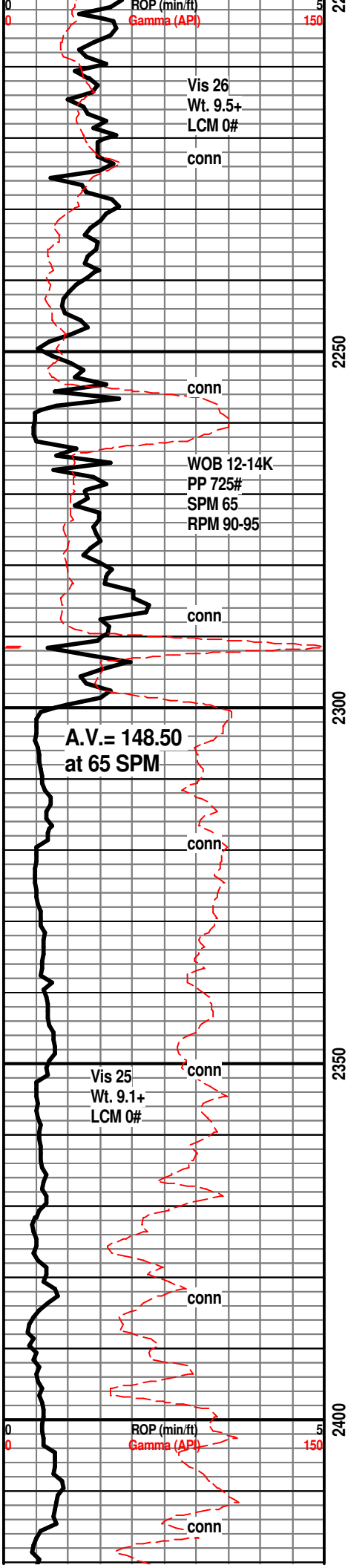
NOTE: Portions of this log were shifted 2' for correlation purposes with the ELI Wireline logs.

ROCK TYPES

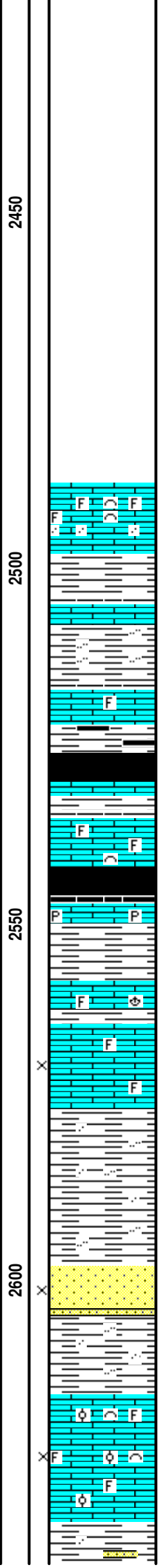
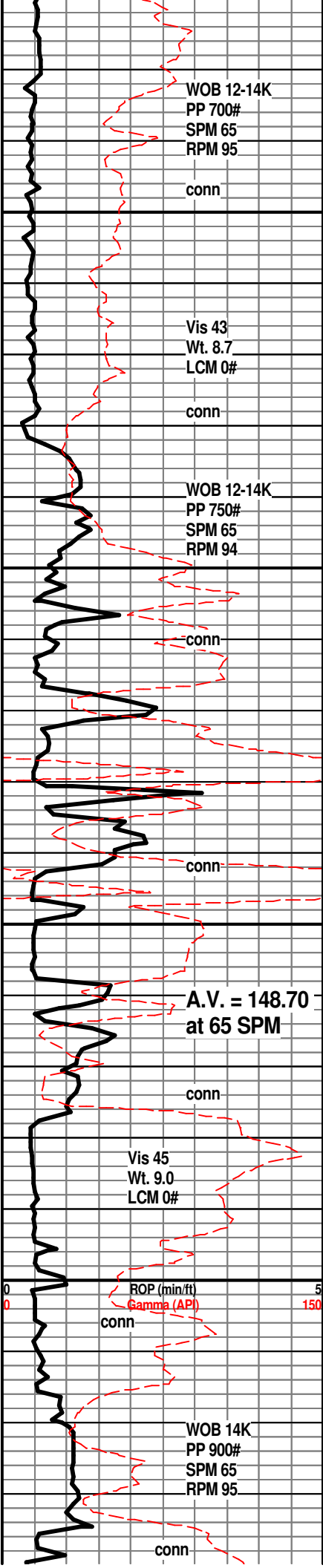
| | | | | |
|--|--|--|--|--|
|  Anhy |  Clyst |  Gyp |  Mrlst |  Shgy |
|  Bent |  Coal |  Igne |  Salt |  Sltst |
|  Brec |  Congl |  Lmst |  Shale |  Ss |
|  Cht |  Dol |  Meta |  Shcol |  Till |

ACCESSORIES

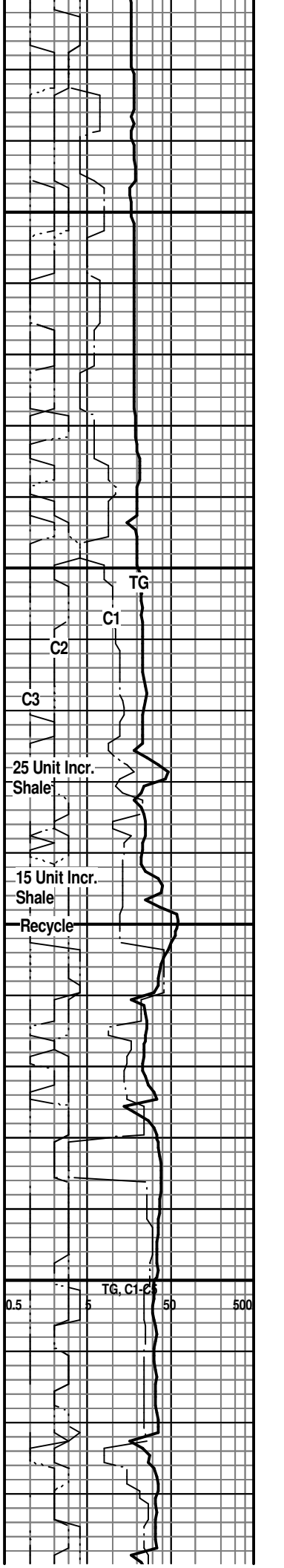
| | | | |
|---|---|---|--|
| MINERAL | | FOSSIL | |
|  Anhy |  Gyp |  Algae |  Ostra |
|  Arggrn |  Hvymin |  Amph |  Pelec |
|  Arg |  Kaol |  Belm |  Pellet |
|  Bent |  Marl |  Bioclst |  Pisolite |
|  Bit |  Minxl |  Brach |  Plant |
|  Brecfrag |  Nodule |  Bryozoa |  Strom |
|  Calc |  Phos |  Cephal | STRINGER |
|  Carb |  Pyr |  Coral |  Anhy |
|  Chtdk |  Salt |  Crin |  Arg |
|  Chtlt |  Sandy |  Echin |  Bent |
|  Dol |  Silt |  Fish |  Coal |
|  Feldspar |  Sil |  Foram |  Dol |
|  Ferrpel |  Sulphur |  Fossil |  Gyp |
|  Ferr |  Tuff |  Gastro |  Ls |
|  Glau | |  Oolite |  Mrst |
| | | |  Sltstrg |
| | | |  Ssstrg |
| | | | TEXTURE |
| | | |  Boundst |
| | | |  Chalky |
| | | |  Cryxln |
| | | |  Earthy |
| | | |  Finexln |
| | | |  Grainst |
| | | |  Lithogr |
| | | |  Microxln |
| | | |  Mudst |
| | | |  Packst |
| | | |  Wackst |

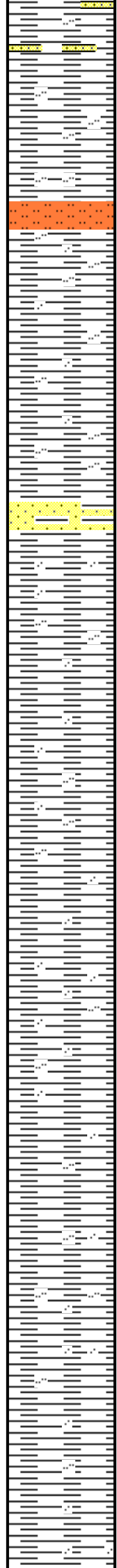
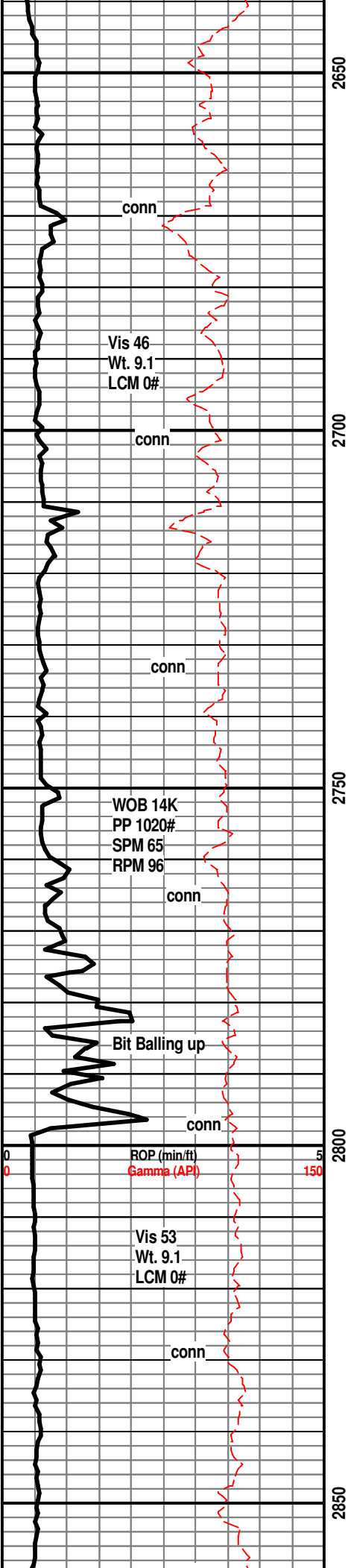


DISPLACE MUD SYSTEM AT 2383'



LM; med brn, v. foss ip, some sandy, hd
Start 20' Wet/Dry Samples at 2500'
 SH; med gy, platy, smooth
 LM; med brn, blocky, tite
 SH; med gy, silty
 LM; tan to lt brn, dense, blocky, rare foss, tite
 SH; blk, carb ip, platy, trc gas
 LM; med brn, foss ip, well cem, blocky, tite
HEEBNER SHALE 2542(-1241)
 SH; blk, carb ip, platy
 LM; med brn, dense, scat pyr
TORONTO 2558(-1257)
 LM; lt brn, foss, blocky, tite
 LM; tan to off wh, rare buff, foss ip w/rare interpart por, scat lt yel fluor, no stn or odor, ns.
 SH; lt to med gy, platy, silty to sandy
 SS; lt gy, wh, vf to f gr qtz, clusters, poor to fair intergran por, no fluor, no stn or odor, ns.
 LM; tan to cream, lt brn, foss w/scat well cem hash and occ oolites, poor vis interpart por, lt yel min fluor, no stn or odor, ns.





SH; lt to med gy, silty to sandy, interbdd v gr mica ss

SLTST; lt gy, mica ip, platy, tite

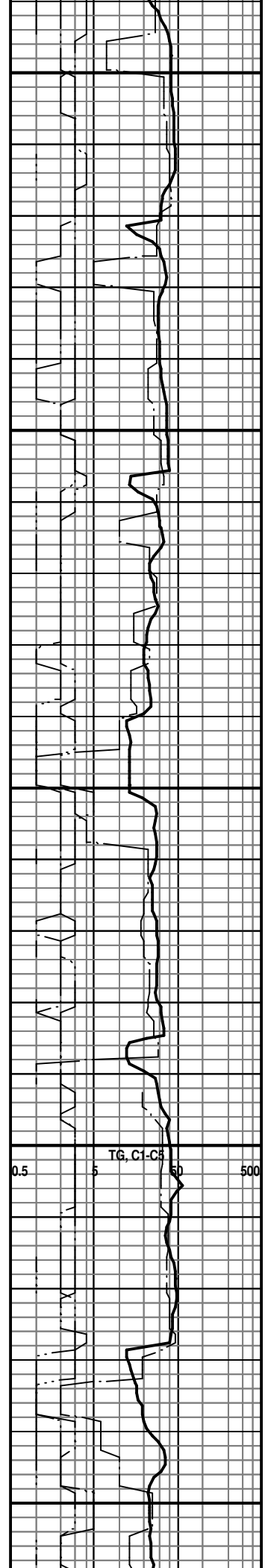
SH; lt to med gy, silty to sandy, platy

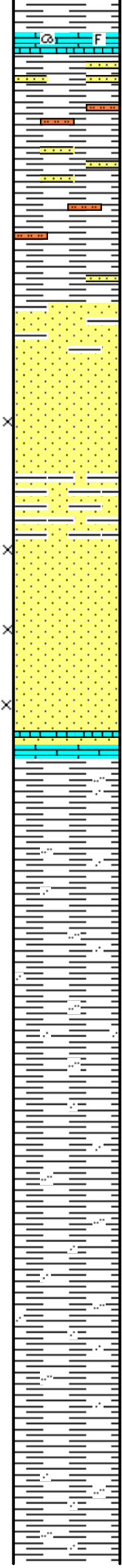
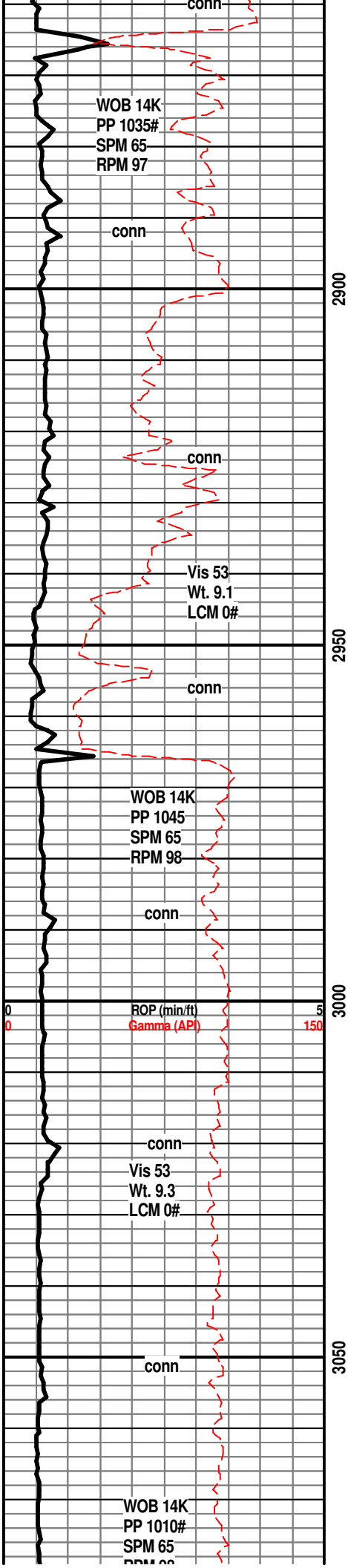
SS; lt gy, off wh, vf to rare f gr qtz, clusters, argil

SH; lt to med gy, platy, firm

SH; lt to med gy, platy, silty to sandy

SH; lt to med gy, silty to sandy, some smooth





IATAN LMST. 2864(-1563)

LM; med brn, foss ip, dense

SH; lt to med gy, silty to sandy, interbdd sltst and vf gr qtz ss strngs.

STALNAKER SS. 2902(-1601)

SS; lt gy, most vf to rare f gr qtz ss, clusters, mica ip, poor intergran por, no fluor, ns.

SS; lt gy, occ clr, most f gr qtz, cleaner ss, clusters, some "salt and pepper" sand w/dk grains interbdd, fair to occ gd intergran por, subrnd to subang gr, interbdd argil ss, no fluor, ns.

SS; lt gy, some clr/wh, f to occ med gr qtz, clusters, fri, clean, gd intergran por, barren, no stn or odor, ns.

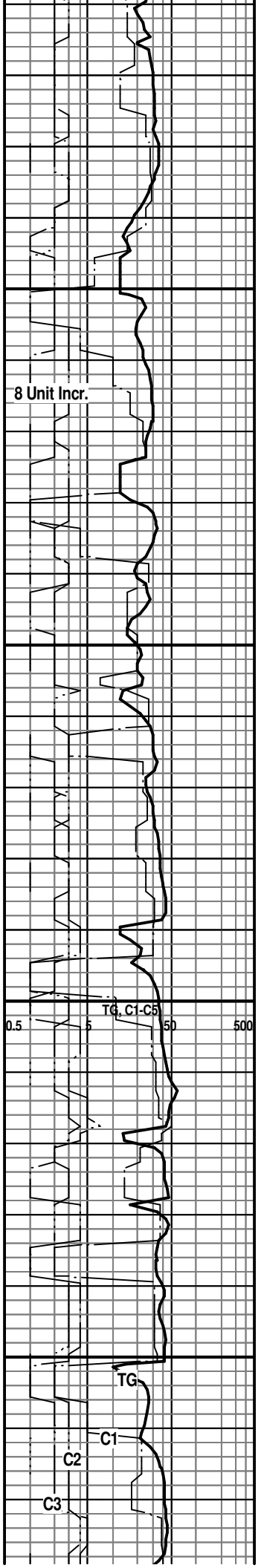
LM; med brn, cse xln, sandy, tite

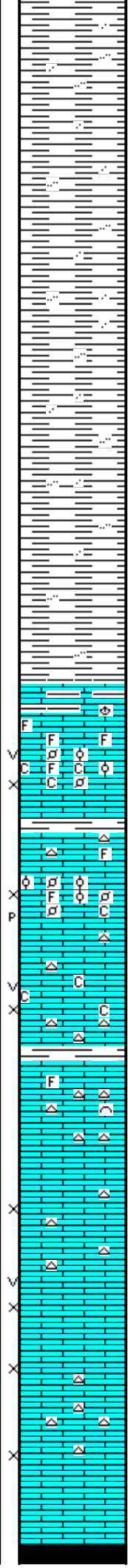
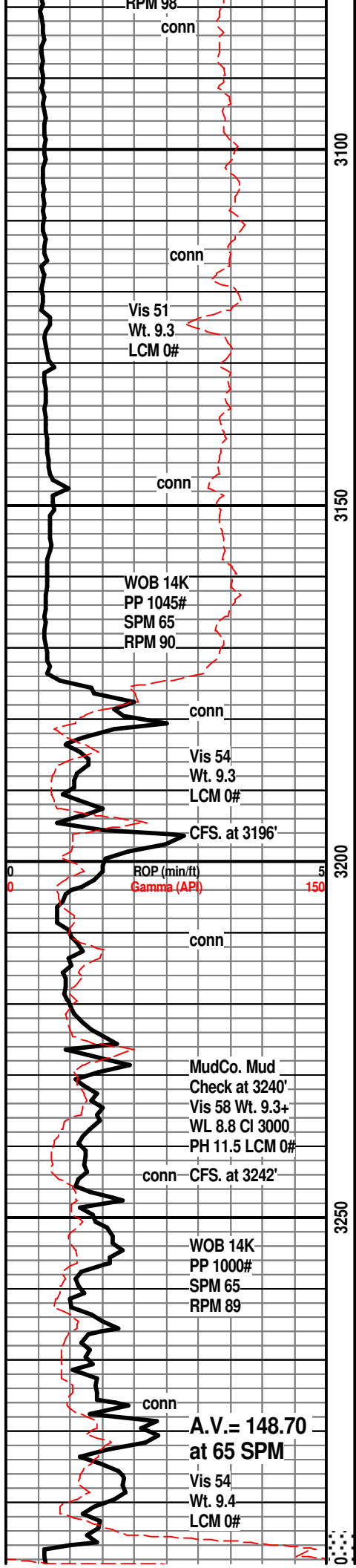
SH; lt to med gy, platy, most smooth, silty ip.

SH; lt to med gy, smooth, occ silty

SH; lt to med gy, platy, silty to sandy

SH; lt to med gy, silty to sandy, platy





SH; It to med gy, platy, silty to sandy

SH; It to med gy, smooth, silty to sandy

SH; most med gy, platy, occ silty

KANSAS CITY 3175(-1874)

LM; tan to lt brn, off wh, fxln, scat foss mat, well cem, some shaly lmst at top, dull yel fluor, ns.

LM; tan to cream, wh, foss, scat oolites and small pellets, fair interpart w/vug por, occ calc overgrowths, chalky ip, lt yel fluor, no stn or odor, no sample shows

LM; off wh, tan, wh, fxln w/scat foss mat, interbdd finely oolitic and pelletal lmst, fair to gd interpart w/scat p-p por, rarely chalky, lt yel min fluor, no stn or odor, no gas kick, ns.

LM; tan to buff, f to med xln, fair interxln w/occ vug por, scat soft chalky mtx, interbdd wh to tan cht, dull yel min fluor, no stn/odor, no gas kick

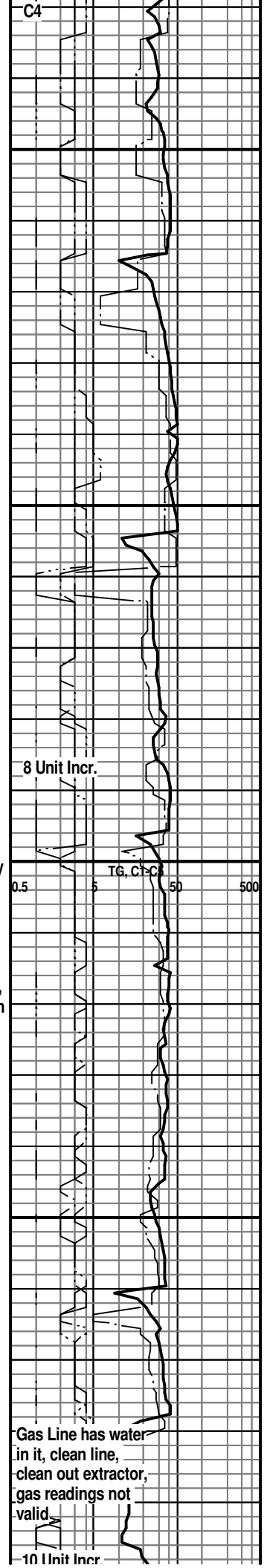
LM; tan to lt brn, foss ip, much tite lmst w/interbdd tan to off wh cht, no fluor, no stn or odor, ns.

30 Stand Wiper Trip at 3242'

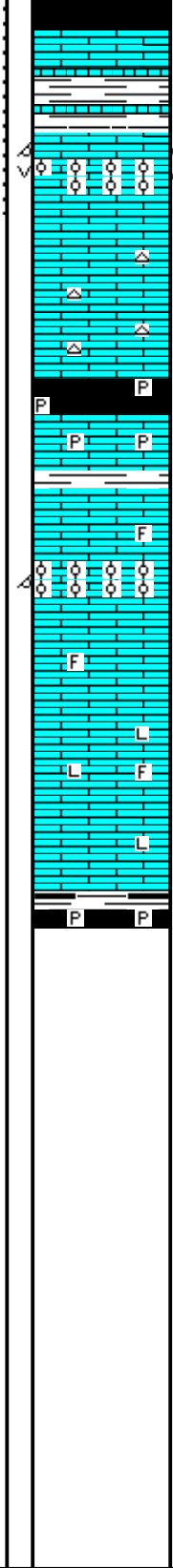
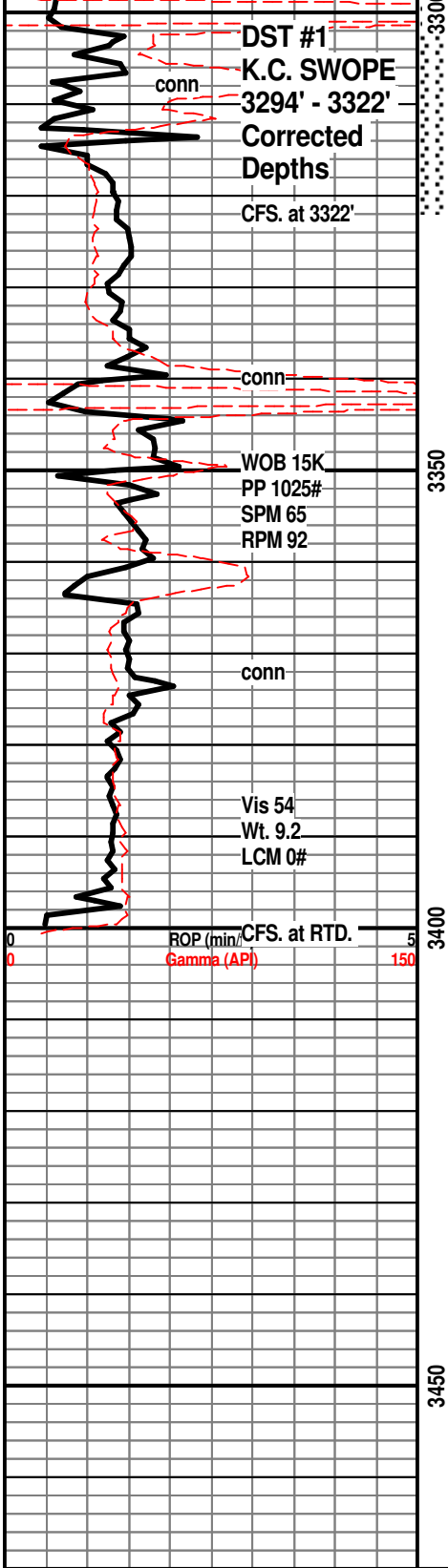
LM; lt brn, tan, med xln, most dense - blocky, rare poor interxln and vug por, scat tan cht, lt yel min fluor, no stn or odor, no gas kick, ns.

LM; tan to lt brn, foss ip, cherty, scat poor to fair interpart por, dull to lt yel fluor, no stn or odor, no gas kick, ns.

STARK SHALE 3296(-1995)



Gas Line has water in it, clean line, clean out extractor, gas readings not valid



SH; blk, carb, trc gas
 LM; med brn, hd, micritic
 SH; med gy, some blk, interbdd lmst. strng.

SWOPE 3313(-2012)
 LM; lt to med brn, oolitic, lt golden brn spotty to even oil stn, fair odor, SFO when crushed, trc gas bubbles, fair moldic w/rare vug por, med to occ brite yel fluor, some tite - bleeding oil/gas, fair to gd cut

DST #1: K.C. Swope 3294' - 3322'
 LM; med brn, rare lt brn, most dense - micritic, scat brn to gy brn foss cht, no vis por, ns.
 SH; blk, carb ip, gassy, occ pyr
HERTHA 3344(-2043)
 LM; med brn, dense, pyr ip, tite

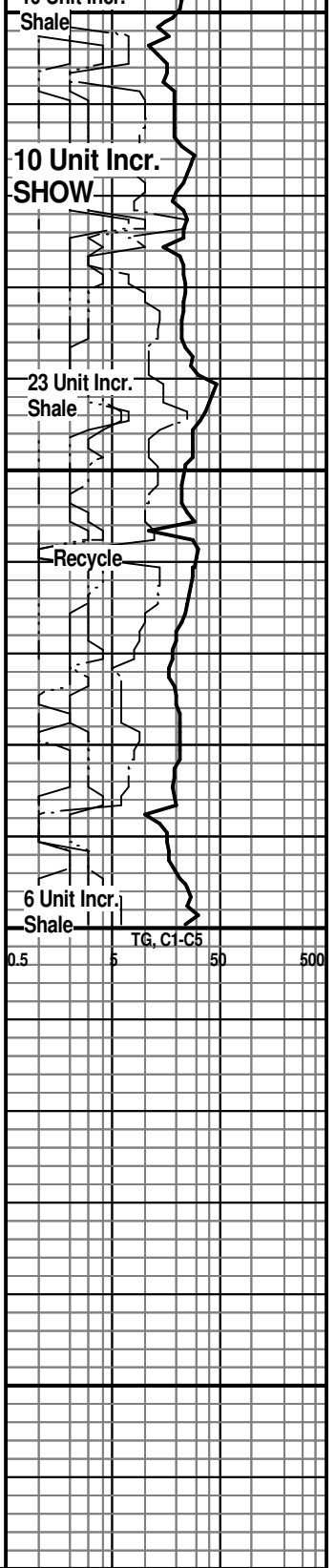
LM; lt to med brn, oolitic, fair oomoldic por, small molds mainly, dull yel min fluor, no vis stn, no odor, no gas kick

LM; tan to med brn, rarely foss, interbdd hd litho lmst, no vis por, ns.

BASE KANSAS CITY 3396(-2095)
 SH; blk, carb, pyr ip.

RTD. 3400' at 3:05 AM. 8/28/16.
LTD. 3400'
ELI Wireline Services: DIL, NEU/DEN + PE, Microlog

NOTE: Portions of this log were shifted by 2' for correlation purposes with the ELI logs.





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L Loeb
PO Box 838
Lawrenceville, IL 62439
ATTN: Jon Christensen

1-31S-3W Sumner
JB Hare 1
Job Ticket: 55411 **DST#: 1**
Test Start: 2016.08.27 @ 16:19:14

Mud and Cushion Information

| | | | |
|----------------------------------|----------------------------|-----------------|---------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | ppm |
| Viscosity: 58.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 8.79 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 3000.00 ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------|---------------|
| 0.00 | 486 GIP | 0.000 |
| 10.00 | SOSM - 1%O +99%M | 0.049 |

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

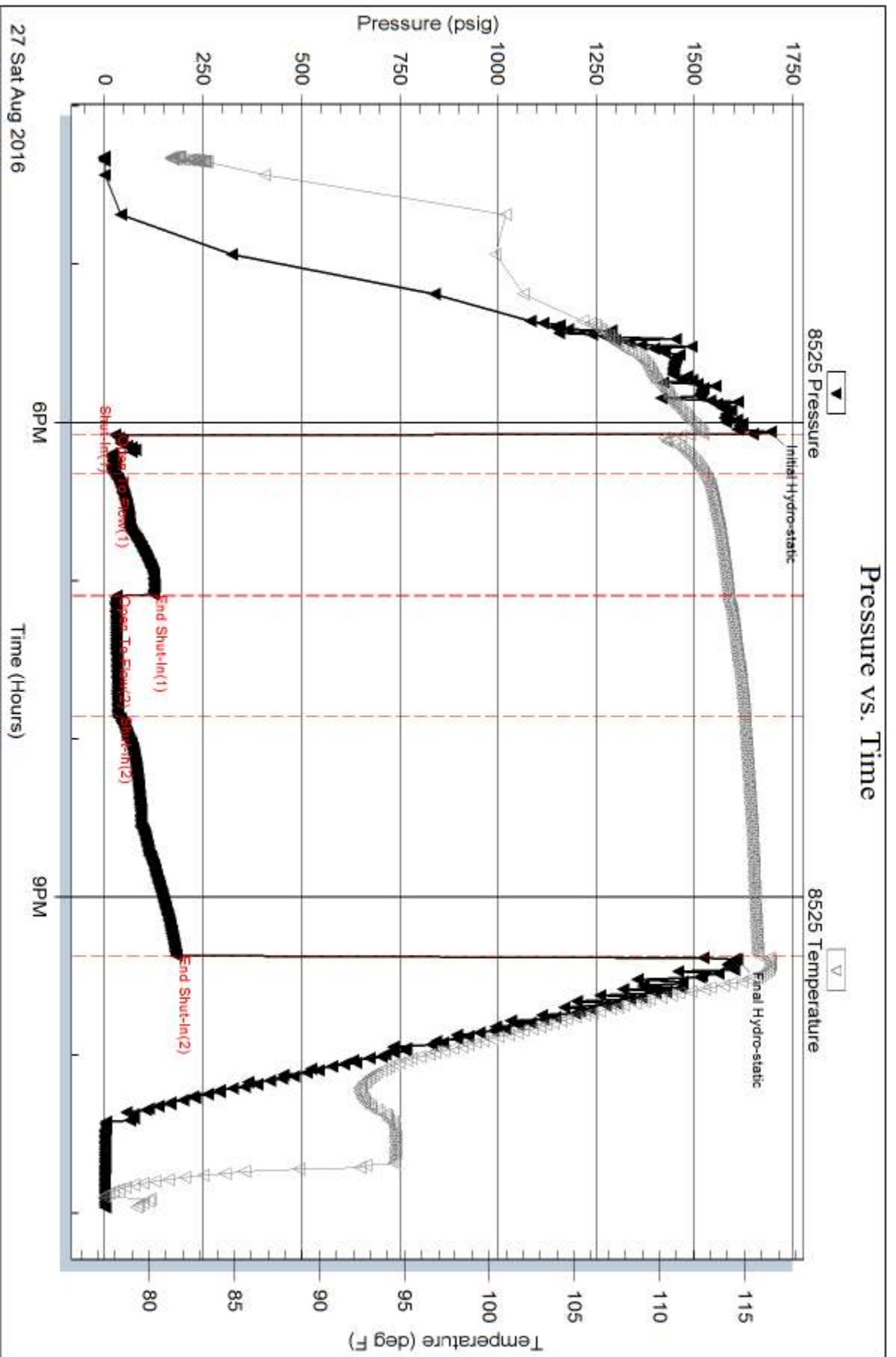
Serial #: 8525

Inside

Herman L Loeb

JB Here 1

DST Test Number: 1

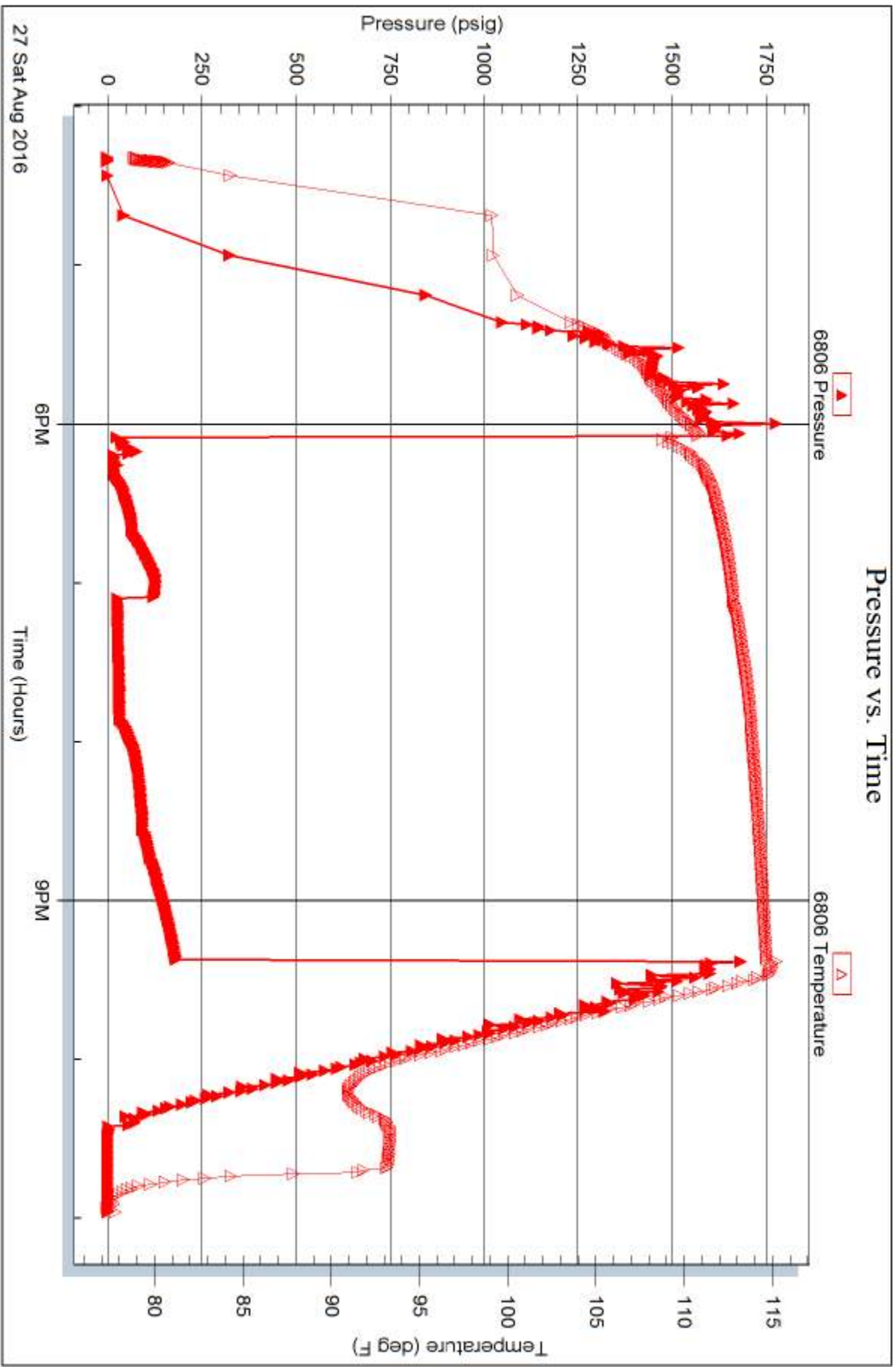


Serial #: 6806

Outside Herman L Loeb

JB Hare 1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 55A11

Printed: 2016.08.28 @ 07:34:03



| | | | |
|-----------------------|---------|--------|--------------|
| PAGE | CUST NO | YARD # | INVOICE DATE |
| 1 of 1 | 1007589 | 1718 | 09/04/2016 |
| INVOICE NUMBER | | | |
| 92217323 | | | |

Pratt (620) 672-1201

B HERMAN L LOEB LLC
 I PO Box: 838
 L LAWRENCEVILLE
 L IL US 62439
 T
 O ATTN:

J LEASE NAME JB Hare 1
 O LOCATION
 B COUNTY Sumner
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

ACCOUNTS PAYABLE

6076 / 6438 / HARE

| JOB # | EQUIPMENT # | PURCHASE ORDER NO. | TERMS | DUE DATE |
|----------|-------------|--------------------|---------------|------------|
| 40962449 | 19843 | | Net - 30 days | 10/04/2016 |

| | QTY | U of M | UNIT PRICE | INVOICE AMOUNT |
|---|--------|--------|------------|----------------|
| For Service Dates: 08/25/2016 to 08/25/2016 | | | | |
| 0040962449 | | | | |
| 171814103A Cement-New Well Casing/Pi 08/25/2016 Cement Surface | | | | |
| 60/40 POZ | 250.00 | EA | 5.40 | 1,350.00 T |
| Celloflake | 63.00 | EA | 1.66 | 104.89 T |
| Calcium Chloride | 645.00 | EA | 0.47 | 304.76 T |
| "Wooden Cmt Plug, 8 5/8"" | 1.00 | EA | 72.00 | 72.00 |
| "Unit Mileage Chg (PU, cars one way)" | 80.00 | MI | 2.03 | 162.00 |
| Heavy Equipment Mileage | 160.00 | MI | 3.38 | 540.00 |
| "Proppant & Bulk Del. Chgs., per ton mil | 860.00 | EA | 1.13 | 967.50 |
| Blending & Mixing Service Charge | 250.00 | BAG | 0.63 | 157.50 |
| Plug Container Util. Chg. | 1.00 | EA | 112.50 | 112.50 |
| Depth Charge; 0-500' | 1.00 | EA | 450.00 | 450.00 |
| "Service Supervisor, first 8 hrs on loc. | 1.00 | EA | 78.76 | 78.76 |

PAID
 69927
 SEP 13 2016
 SCANNED

| | | | |
|---------------------------|-------------------------------|---------------|----------|
| PLEASE REMIT TO: | SEND OTHER CORRESPONDENCE TO: | SUB TOTAL | 4,299.91 |
| BASIC ENERGY SERVICES, LP | BASIC ENERGY SERVICES, LP | TAX | 123.18 |
| PO BOX 841903 | 801 CHERRY ST, STE 2100 | INVOICE TOTAL | 4,423.09 |
| DALLAS, TX 75284-1903 | FORT WORTH, TX 76102 | | |

| | | |
|--------------------------------------|----------------------|----------------------------------|
| Customer HERMAN FORBULK | Lease No. | Date 8/25/10 |
| Lease J.B. HARE | Well # 1 | |
| Field Order # 19103 | Station PRATT | Casing 8 7/8 |
| | | Depth 288' |
| Type Job SURFACE CASING - PWW | Formation | County SUMNER |
| | | State KS |
| | | Legal Description 31-31-3 |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|--------------------|--------------|------------------|----|-----------------|----------------|------------------|------------------|--|
| Casing Size | Tubing Size | Shots/Ft | | Acid | RATE | PRESS | ISIP | |
| 2 7/8" | | 1077 | | | | | | |
| Depth 288' | Depth | From | To | Pre Pad | Max 4.7 | 200 | 5 Min. | |
| Volume 11.0 | Volume | From | To | Pad | Min 2.0 | 50 | 10 Min. | |
| Max Press | Max Press | From | To | Frac | Avg | | 15 Min. | |
| Well Connection | Annulus Vol. | From | To | | HHP Used | | Annulus Pressure | |
| Plug Depth | Packer Depth | From | To | Flush 17 | Gas Volume | | Total Load | |

| | | |
|--|--------------------------------|------------------------|
| Customer Representative LUKE LANNAN S | Station Manager KEVIN G | Treater KEVIN B |
|--|--------------------------------|------------------------|

| | | | | | | | | |
|----------------------------|--------------|--------------|--|--|--|--|--|--|
| Service Units 19843 | 19159 | 10162 | | | | | | |
| Driver Names MARAI | SPARK | KEVIN | | | | | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|-------------|-----------------|-----------------|--------------|------------|--------------------------------------|
| | | | | | ON LOCATION. RES OP |
| | | | | | SAFETY MTG. |
| | 50 | | | 2.0 | START FRESH WATER |
| | 100 | | 5 | 4.0 | FRESH WATER IN - START CEMENT |
| | 200 | | 59 | 4.7 | CEMENT IN - STOP PUMP |
| | | | | | RELEASE PLUG |
| | 0 | | | 2.0 | START DISPLACEMENT |
| | 115 | | 65 | 3.0 | CEMENT ADVANCES |
| 4:45 | 150 | | 117 | 3.0 | PLUG DOWN - STOP PUMP |
| | | | | | SHUT IN |



| | | | |
|-----------------------|---------|--------|--------------|
| PAGE | CUST NO | YARD # | INVOICE DATE |
| 1 of 1 | 1007589 | 1718 | 09/05/2016 |
| INVOICE NUMBER | | | |
| 92217375 | | | |

Pratt (620) 672-1201
 B HERMAN L LOEB LLC
 I PO Box: 838
 L LAWRENCEVILLE
 L IL US 62439
 T
 O ATTN: ACCOUNTS PAYABLE

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

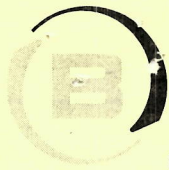
6076 / 6432 / HARE

| JOB # | EQUIPMENT # | PURCHASE ORDER NO. | TERMS | DUE DATE |
|----------|-------------|--------------------|---------------|------------|
| 40962482 | 86779 | | Net - 30 days | 10/05/2016 |

| | QTY | U of M | UNIT PRICE | INVOICE AMOUNT |
|--|----------|--------|------------|----------------|
| For Service Dates: 08/29/2016 to 08/29/2016 | | | | |
| 0040962482 | | | | |
| 171813522A Cement-New Well Casing/Pi 08/29/2016 | | | | |
| Cement 5 1/2" Longstring | | | | |
| 50/50 POZ | 270.00 | EA | 5.28 | 1,425.60 T |
| Celloflake | 55.00 | EA | 1.78 | 97.68 T |
| Gypsum | 925.00 | EA | 0.36 | 333.00 T |
| FLA-322 | 93.00 | EA | 3.60 | 334.80 T |
| Gilsonite | 1,320.00 | EA | 0.32 | 424.51 T |
| Mud Flush | 1,000.00 | EA | 0.72 | 720.00 T |
| KCL Potassium Chloride | 499.00 | EA | 0.72 | 359.28 T |
| "Latch Down Plug & Baffle, 5 1/2" (Blu | 1.00 | EA | 192.00 | 192.00 |
| "Auto Fill Float Shoe 5 1/2" (Blue)" | 1.00 | EA | 172.80 | 172.80 |
| "Turbolizer, 5 1/2" (Blue)" | 10.00 | EA | 52.80 | 528.00 |
| "5 1/2" Basket (Blue)" | 2.00 | EA | 139.20 | 278.40 |
| "Unit Mileage Chg (PU, cars one way)" | 80.00 | MI | 2.16 | 172.80 |
| Heavy Equipment Mileage | 160.00 | MI | 3.60 | 576.00 |
| "Proppant & Buik Del. Chgs., per ton mil | 908.00 | EA | 1.20 | 1,089.60 |
| Blending & Mixing Service Charge | 270.00 | BAG | 0.67 | 181.44 |
| Plug Container Util. Chg. | 1.00 | EA | 120.00 | 120.00 |
| Depth Charge; 3001-4000' | 1.00 | EA | 1,036.80 | 1,036.80 |
| "Service Supervisor, first 8 hrs on loc. | 1.00 | EA | 84.00 | 84.00 |

PAID
 69927
 SEP 13 2016
 SCANNED

| | | | |
|---------------------------|-------------------------------|---------------|----------|
| PLEASE REMIT TO: | SEND OTHER CORRESPONDENCE TO: | SUB TOTAL | 8,126.71 |
| BASIC ENERGY SERVICES, LP | BASIC ENERGY SERVICES, LP | TAX | 258.64 |
| PO BOX 841903 | 801 CHERRY ST, STE 2100 | INVOICE TOTAL | 8,385.35 |
| DALLAS, TX 75284-1903 | FORT WORTH, TX 76102 | | |



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 13522 A

DATE _____ TICKET NO. _____

| DATE OF JOB: 8/29/16 | DISTRICT: _____ | NEW WELL <input type="checkbox"/> | OLD WELL <input type="checkbox"/> | PROD <input type="checkbox"/> | INJ <input type="checkbox"/> | WDW <input type="checkbox"/> | CUSTOMER ORDER NO.: | | | |
|-----------------------------|-------------------------------------|-----------------------------------|-----------------------------------|-------------------------------|------------------------------|------------------------------|---------------------|----|----|-------|
| CUSTOMER: Herman L Cook LLC | LEASE: J B Home | WELL NO. 1 | | | | | | | | |
| ADDRESS: | COUNTY: Sumner | STATE: KS | | | | | | | | |
| CITY: | STATE: | SERVICE CREW: Scott, Jake, Rene | | | | | | | | |
| AUTHORIZED BY: _____ | JOB TYPE: 5 1/2" Long Slender - CNU | | | | | | | | | |
| EQUIPMENT# | HRS | EQUIPMENT# | HRS | EQUIPMENT# | HRS | TRUCK CALLED | DATE | AM | PM | TIME |
| 8672 | 1.2 | | | | | ARRIVED AT JOB | 8/29/16 | AM | | 7:15 |
| 1465 | 1.3 | | | | | START OPERATION | 8/29/16 | AM | | 10:40 |
| | | | | | | FINISH OPERATION | 8/29/16 | AM | | 3:30 |
| | | | | | | RELEASED | 8/29/16 | AM | | 4:00 |
| | | | | | | MILES FROM STATION TO WELL | | | | |

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: K. Scott Blake
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|------|----------|------------|-----------|
| CP104 | 50/50 POZ | 5K | 230 | | 2420.00 |
| CP104 | 20/50 POZ | 5K | 50 | | 550.00 |
| CC107 | Cellulose | 1b | 55 | | 703.50 |
| CC113 | Pyroclon | 1b | 925 | | 623.75 |
| CC129 | FTA 577 | 1b | 93 | | 697.50 |
| CC201 | Glycerine | 1b | 1320 | | 884.40 |
| C700 | 166 Potassium Chloride | 1b | 499 | | 748.50 |
| CI167 | 1/2" x 1/2" clean Plug + 15gals | EA | 1 | | 400.00 |
| CI1751 | Auto fill float 5/8" 3/4" | EA | 1 | | 360.00 |
| CI1651 | Turbopacers 5/8" | EA | 10 | | 1100.00 |
| CI1901 | 1/2" x 1/2" Plug | EA | 2 | | 580.00 |
| CC151 | 2000lb Tank | EA | 1500 | | 1500.00 |
| E100 | 1/2" Heavy Charge Pump | MI | 50 | | 360.00 |
| E101 | Trav. equipment M. lease | MI | 160 | | 1200.00 |
| E113 | 1/2" x 1/2" Bulk delivery | TM | 908 | | 2270.00 |
| CI001 | 1/2" x 1/2" Charge | 1lb | 1 | | 216.00 |
| CI006 | 1/2" x 1/2" Charge | 5lb | 270 | | 378.00 |
| CE501 | Plug Material Charge | Job | 1 | | 150.00 |
| 5003 | Service Supervisor | EA | 1 | | 175.00 |
| SUB TOTAL | | | | | 16930.15 |
| SERVICE & EQUIPMENT | | | | %TAX ON \$ | |
| MATERIALS | | | | %TAX ON \$ | |
| TOTAL | | | | | 16930.15 |

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

| | | |
|---------------------|------------|----------|
| SERVICE & EQUIPMENT | %TAX ON \$ | |
| MATERIALS | %TAX ON \$ | |
| TOTAL | | 16930.15 |

| | |
|-------------------------------|---|
| SERVICE REPRESENTATIVE: _____ | THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>K. Scott Blake</u> |
|-------------------------------|---|

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

| | | | | | |
|--------------------------------------|---------------------------|------------------------|-------------------------|--------------------------------------|--------------------|
| Customer <i>Huffman 1026 11C</i> | | Lease No. | | Date <i>8/29/11</i> | |
| Lease <i>TR 1100</i> | | Well #/ | | | |
| Field Order # <i>15472A</i> | Station <i>PINT KS</i> | Casing <i>3 1/2</i> | Depth <i>5398.91</i> | County <i>Sumner</i> | State <i>KS</i> |
| Type Job <i>3 1/2 Long string</i> | | | Formation | Legal Description <i>S1 T1 R3</i> | |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|---------------------------------|--------------|------------------|----|------------|------------|------------------|------|------------------|
| Casing Size | Tubing Size | Shots/Ft | | Acid | RATE | PRESS | ISIP | |
| <i>3 1/2</i> | | | | | | | Max | 5 Min. |
| Depth <i>5398.91</i> | Depth | From | To | Pre Pad | Min | | | 10 Min. |
| Volume <i>80.59</i> | Volume | From | To | Pad | Avg | | | 15 Min. |
| Max Press <i>2000</i> | Max Press | From | To | Frac | HHP Used | | | Annulus Pressure |
| Well Connection <i>5 1/2</i> | Annulus Vol. | From | To | Flush | Gas Volume | | | Total Load |
| Plug Depth | Packer Depth | From | To | | | | | |

| | | |
|---|--|--------------------------------|
| Customer Representative <i>[Signature]</i> | Station Manager <i>Kevin Conroy</i> | Treater <i>Scott Turner</i> |
|---|--|--------------------------------|

| | | | | | | | | | | | |
|---------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--|--|--|--|
| Service Units | <i>3896</i> | <i>75487</i> | <i>81672</i> | <i>19854</i> | <i>19614</i> | <i>34521</i> | <i>14502</i> | | | | |
| Driver Names | <i>Scott</i> | <i>Turner</i> | <i>—</i> | <i>Rene</i> | <i>—</i> | <i>Mike</i> | <i>—</i> | | | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|--------------|-----------------|-----------------|--------------|------------|--|
| <i>7:15</i> | | | | | <i>On location safety meeting</i> |
| <i>7:30</i> | | | | | <i>Rinse out equipment</i> |
| <i>8:25</i> | | | | | <i>Break circulation 51 #40 20min</i> |
| <i>9:45</i> | | | | | <i>Break circulation on bottom 45min</i> |
| <i>10:40</i> | <i>150</i> | | | <i>4.5</i> | <i>Pump H170 spacer</i> |
| <i>10:41</i> | <i>200</i> | | <i>5</i> | <i>4.5</i> | <i>Pump 1000 gallons mud flush</i> |
| <i>10:45</i> | <i>200</i> | | <i>24</i> | <i>4.5</i> | <i>Pump H170 spacer</i> |
| <i>10:47</i> | <i>200</i> | | <i>5</i> | <i>5.5</i> | <i>Mix 30 sacks 50/150 pit 10 min</i> |
| <i>10:54</i> | <i>200</i> | | <i>8</i> | | <i>Start down pump touch down</i> |
| <i>10:58</i> | | | | | <i>Circulate well with Pig</i> |
| <i>2:25</i> | <i>250</i> | | | <i>5</i> | <i>Pump H170</i> |
| <i>2:27</i> | <i>350</i> | | <i>5</i> | <i>5</i> | <i>Mix 250 sacks 50/150 pit 10 min</i> |
| <i>2:38</i> | <i>200</i> | | <i>61.1</i> | <i>2</i> | <i>Start down</i> |
| <i>2:40</i> | | | | | <i>Break pump 4 lines down</i> |
| <i>2:42</i> | <i>150</i> | | | <i>5.5</i> | <i>Release Plug seal Displacement</i> |
| <i>2:55</i> | <i>300</i> | | <i>50</i> | <i>5.5</i> | <i>1.17 Pressure</i> |
| <i>2:57</i> | <i>450</i> | | <i>20</i> | <i>5.5</i> | <i>Reduce Rate</i> |
| <i>3:00</i> | <i>650</i> | | <i>10.2</i> | <i>5.5</i> | <i>Plug located</i> |
| <i>3:02</i> | <i>1500</i> | | | | <i>Increase Pressure</i> |
| <i>3:01</i> | | | | | <i>Increase Pressure 100 Returns</i> |
| <i>3:20</i> | | | | | <i>Pl. Ret note</i> |
| <i>3:30</i> | | | | | <i>Pl. Ret note Job complete</i> |