

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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 | | | | |
| | | | | |

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

| | | | | | |
|---|--|---------|-------------|---------------|---------|
| Date of first Production/Injection or Resumed Production/Injection: | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ | | | | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |

| | | |
|---|---|--|
| DISPOSITION OF GAS: <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> | PRODUCTION INTERVAL: Top _____ Bottom _____ |
|---|---|--|

| Shots Per Foot | Perforation Top | Perforation Bottom | Bridge Plug Type | Bridge Plug Set At | Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i> |
|----------------|-----------------|--------------------|------------------|--------------------|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| | | | | |
|----------------|-------|---------|------------|--|
| TUBING RECORD: | Size: | Set At: | Packer At: | |
|----------------|-------|---------|------------|--|

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | Carmen Schmitt, Inc. |
| Well Name | POST HUMBURG 1 |
| Doc ID | 1648204 |

Tops

| Name | Top | Datum |
|----------------|------|-------|
| Stone Corral | 1628 | 1049 |
| Heebner | 4360 | -1683 |
| Toronto LS | 4380 | -1703 |
| Lansing | 4484 | -1807 |
| Muncie Creek | 4686 | -2009 |
| Stark Shale | 4808 | -2131 |
| Base/KC | 4946 | -2269 |
| Marmaton | 4960 | -2283 |
| Altamont | 4972 | -2295 |
| Pawnee | 5050 | -2373 |
| Ft.Scott | 5104 | -2427 |
| Cherokee Shale | 5132 | -2455 |
| Morrow Shale | 5224 | -2547 |
| Mississippi | 5243 | -2566 |



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

Well Name: Post-Humburg #1 - Carmen Schmitt, Inc.
API: 15-057-21071-00-00
Location: NW-NW-SW-SW, Section 19-28S-25W
License Number: KCC #6569
Spud Date: June 03, 2022
Surface Coordinates: 1000' FSL & 150' FWL,
of Section
Bottom Hole Vertical Wellbore
Coordinates:
Ground Elevation (ft): 2669 Ft. K.B. Elevation (ft): 2677 Ft.
Logged Interval (ft): 4100 Ft. To: 5390 Ft. Total Depth (ft): RTD 5390 Ft. LTD 5388 Ft.
Formation: Mississippian at Total Depth
Type of Drilling Fluid: Chemical

Region: Ford County, Ks
Drilling Completed: June 14, 2022
Results: D&A
Field: NA

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

Operator

Company: Carmen Schmitt, Inc.
Address: PO Box 47
Great Bend, Kansas 67530+0047

Geologist

Name: M. Bradford Rine
Company: Consulting Geologist, Kansas Lic. #204, Wyo #189, AAPG Cert. #2647
Address: 100 South Main, Suite #320A
Wichita, Kansas 67202

Remarks

Based on sample observations, drill stem test results, and electric log evaluation, it was the decision of the Operator, to plug and abandon the "Post-Humburg #1", on June 14, 2022.

Respectfully,
M. Bradford Rine, geologist

Drilling Information

Rig: Murfin Drlg #114
Pump: EWCO-600 6x15
Drawworks: DWM 650
Collars: 518' 2-1/4 x 6-1/4
Drillpipe: 4-1/2" 16.6# XH
Toolpusher: Paco Gonzalas

Mud: Mudco (Justin Whiting)
Gas Detector: None
Drill Stem Tests: Trilobite (Bradley Walter)
Logs: Midwest (B. Waggoner, D. Schmidt)
Water: D. Post Pond NE of Location (Teeter Oilfield)
Company Representatives:
Office: Carmen Schmitt
Field: None

Daily Drilling Status

| Date: | Operations/Depth/Comments |
|--------------|--|
| 06-02-22 | MIRT Tools, RU @ 0' |
| 06-03-22 | Waiting to Spud @ 0' |
| 06-04-22 | Spud @ 0' |
| 06-05-22 | Trip Out of Hole to Run Surface Casing @ 1256' |
| 06-06-22 | Drilling @ 1885' |
| 06-07-22 | Drilling @ 3604' |
| 06-08-22 | Trip in Hole with New Bit @ 4524' |
| 06-09-22 | Drilling @ 4880' |
| 06-10-22 | Trip in Hole with DST #1 # 5076' |
| 06-11-22 | Drilling @ 5176' |
| 06-12-22 | Trip in With Bit after DST #2 @ 5249' |
| 06-13-22 | Trip Outof Hole with DST #3 @ 5330' |
| 06-14-22 | Prepare to P&A @ 5390' PLug same evening |

| | Results: D&A | | | (Well A) D&A | | (Well B) D&A | | (Well C) | Oil | Well A Well B Well C | | |
|------------------------|----------------------|-------|-------|---------------------|-------|----------------------|-------|----------------------|-------|--------------------------|-----|-----|
| | Carmen Schmitt, Inc. | | | Jabon Investments | | Carmen Schmitt, Inc. | | Carmen Schmitt, Inc. | | | | |
| | Post-Humburg #1 | | | Foulks #1-25 | | David #1 | | Heyen Trust #1-27 | | | | |
| | 1000'FSL & 150'FWL | | | 1920'FNL & 2460'FWL | | 610'FNL & 610'FWL | | 1750'FNL & 1800'FWL | | | | |
| | Sec. 19-285-25W | | | Sec. 25-285-26W | | Sec. 26-285-26W | | Sec. 27-285-26W | | | | |
| | KB | 2677 | | KB | 2662 | KB | 2690 | KB | 2674 | | | |
| Formations | Sample | E-Log | Datum | E-Log | Datum | E-Log | Datum | E-log | Datum | Comparison(s) | | |
| Blaine Anhydrite | NC | NOL | | 1154 | 1508 | 1183 | 1507 | 1245 | 1429 | | | |
| Stone Corral Anhydrite | NC | 1628 | 1049 | 1650 | 1012 | 1686 | 1004 | 1679 | 995 | 37 | 45 | 54 |
| Stotler | NC | 3660 | -983 | 3684 | -1022 | 3687 | -997 | 3670 | -996 | 39 | 14 | 13 |
| Heebner Sh. | NC | 4360 | -1683 | 4358 | -1696 | 4361 | -1671 | 4336 | -1662 | 13 | -12 | -21 |
| Toronto | NC | 4380 | -1703 | 4382 | -1720 | 4380 | -1690 | 4358 | -1684 | 17 | -13 | -19 |
| Douglas Ls. | NC | 4435 | -1758 | 4432 | -1770 | 4434 | -1744 | 4410 | -1736 | 12 | -14 | -22 |
| Brown Lime | NC | 4472 | -1795 | 4468 | -1806 | 4469 | -1779 | 4445 | -1771 | 11 | -16 | -24 |
| Lansing | NC | 4484 | -1807 | 4478 | -1816 | 4480 | -1790 | 4456 | -1782 | 9 | -17 | -25 |
| Muncie Creek Sh. | 4688 | 4686 | -2009 | 4676 | -2014 | 4675 | -1985 | 4649 | -1975 | 5 | -24 | -34 |
| Stark Sh. | 4804 | 4808 | -2131 | 4789 | -2127 | 4789 | -2099 | 4770 | -2096 | -4 | -32 | -35 |
| Swope | 4814 | 4816 | -2139 | 4801 | -2139 | 4793 | -2103 | 4777 | -2103 | 0 | -36 | -36 |
| Hushpuckney Sh. | 4854 | 4848 | -2171 | 4834 | -2172 | 4830 | -2140 | 4814 | -2140 | 1 | -31 | -31 |
| B/Kansas City | 4944 | 4946 | -2269 | 4927 | -2265 | 4930 | -2240 | 4908 | -2234 | -4 | -29 | -35 |
| Marmaton | 4954 | 4960 | -2283 | 4946 | -2284 | 4956 | -2266 | 4928 | -2254 | 1 | -17 | -29 |
| Altamont | 4968 | 4972 | -2295 | 4957 | -2295 | 4964 | -2274 | 4936 | -2262 | 0 | -21 | -33 |
| Pawnee | 5051 | 5050 | -2373 | 5030 | -2368 | 5033 | -2343 | 5008 | -2334 | -5 | -30 | -39 |
| Ft. Scott | 5104 | 5104 | -2427 | 5079 | -2417 | 5086 | -2396 | 5060 | -2386 | -10 | -31 | -41 |
| Cherokee Sh. | 5134 | 5132 | -2455 | 5109 | -2447 | 5116 | -2426 | 5090 | -2416 | -8 | -29 | -39 |
| Atoka | 5214 | 5210 | -2533 | 5187 | -2525 | 5196 | -2506 | 5172 | -2498 | -8 | -27 | -35 |
| Morrow Sh. | 5225 | 5224 | -2547 | 5199 | -2537 | 5205 | -2515 | 5183 | -2509 | -10 | -32 | -38 |
| Morrow Sd. | 5231 | 5230 | -2553 | 5204 | -2542 | 5231 | -2541 | Abs | | -11 | -12 | |
| Mississippi | 5247 | 5243 | -2566 | 5213 | -2551 | 5238 | -2548 | 5190 | -2516 | -15 | -18 | -50 |
| Miss. A | 5247 | 5243 | -2566 | 5213 | -2551 | 5238 | -2548 | 5190 | -2516 | -15 | -18 | -50 |
| Miss. B*** | 5328 | 5328 | -2651 | 5278 | -2616 | 5312 | -2622 | 5240 | -2566 | -35 | -29 | -85 |
| Total Depth | 5390 | 5388 | -2711 | 5416 | -2754 | 5378 | -2688 | 5402 | -2728 | 43 | -23 | 17 |

Casing Record, Bit Record, Deviation Surveys

CASING:

Conductor: None

Surface: Ran 8-5/8" 23# Csg, set at 1245'. (Hurricane) Cement with 525 sx H-conn and Class A cement. Plug down at 1:15 pm, June 05, 2022. Cement did circulate.

Production: P&A, as follows: (Copeland) plug with 170 sx Total, 60/40 POZ, 04% gel, 1/4# flowseal. 50sx @ 1700', 50sx @ 1290', 20sx @ 60', 30sx in Rat Hole, 20sx in Mouse Hole.

BITS:

| No. | Size | Make | Model | Depth In | Depth Out | Hours |
|-----|--------|-------|-------|----------|-----------|-------|
| 1 | 12-1/4 | Smith | Tooth | 0 | 1256 | 13.50 |
| 2 | 7-7/8 | Smith | M616 | 1256 | 4519 | 58.75 |
| 3 | 7-7/8 | Smith | F27iy | 4519 | 5290 | 43.25 |

DEVIATION SURVEYS:

| Deviation: | Depth: | Deviation: | Depth: |
|------------|--------|------------|--------|
| 0.50* | 515' | 0.75* | 5076' |
| 0.75* | 2209' | 1.25* | 5390' |
| 1.00* | 4519' | | |

PIPE STRAPS:

| Difference: | Depth: |
|--------------|--------|
| 10.81' short | 5076' |

MUD UP:

Displace and Mud up @ 3604'

DST #1: 5010-5076 (Altamont, Pawnee)

Times: 15-30-45-60

Initial Open: Wk Blow, built to 1.75"

Final Open: Wk Blow, built to 2.25"

**Rec: 180' MCW: 60%w 40%m with-
green oil spots**

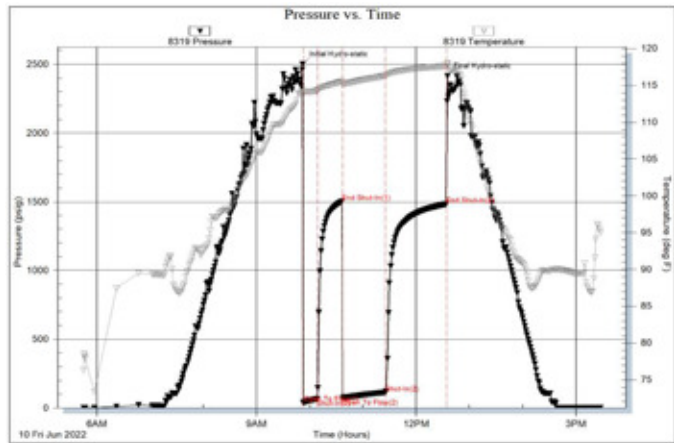
(Chl/Wtr: 26,000 ppm)

IHP: 2500 FHP: 2414

IFP: 38-65 FFP: 70-113

ISIP: 1502 FSIP: 1483

BHT: 118°F



DST #2: 5200-5249 (Morrow)

Times: 15-30-15-out

Initial Open: Wk Blow, built to 1/2"

Final Open: No Blow

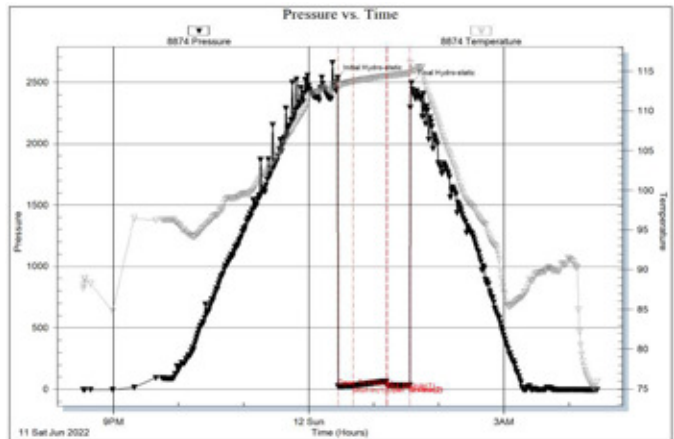
Rec: 10' mud

IHP: 2535 FHP: 2492

IFP: 24-29 FFP: 30-32

ISIP: 64 FSIP: NA

BHT: 115°F



DST #3: 5292-5330 (Mississippi)

Times: 15-30-60-90

Initial Open: Wk Blow, built to 3-3/4"

Final Open: Stg Blow, built to 14-3/4"

Rec: 240' Total Fluid & 60' gas in pipe

120' SGOCM: 25%g 02%o 73%m

120' SGOWCM: 05%g 01%o 39%w 55%m

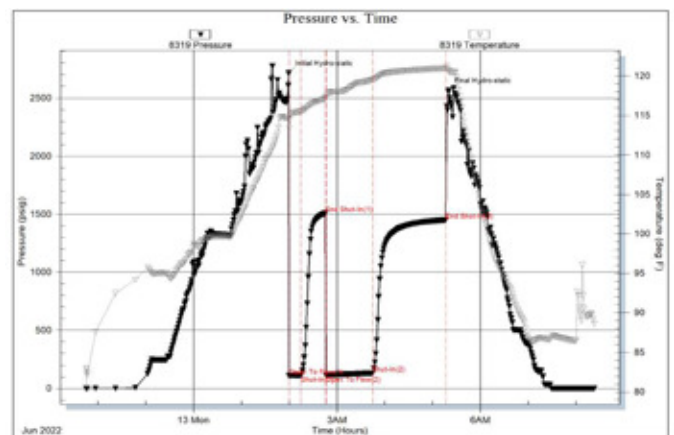
(chl/wtr: 31,000 ppm)

IHP: 2713 FHP: 2564

IFP: 108-112 FFP: 111-131

ISIP: 1508 FSIP: 1451

BHT: 121°F



Rock Types

| | | | | | | | | | |
|--|----------------|--|-------------|--|-------|--|-------|--|------------|
| | Cgl/gran wash | | Bent | | Dol | | Salt | | Till |
| | Dol ls/lmy dol | | Brec | | Gyp | | Shale | | Siltysh |
| | New symbol | | Cht | | Igne | | Shcol | | Shlysiltst |
| | Dol ls/lmy dol | | Clyst | | Lmst | | Shgy | | Siltst |
| | New symbol | | Blk sh/coal | | Meta | | Ss | | Sandyls |
| | Anhy | | Congl | | Mrlst | | | | |

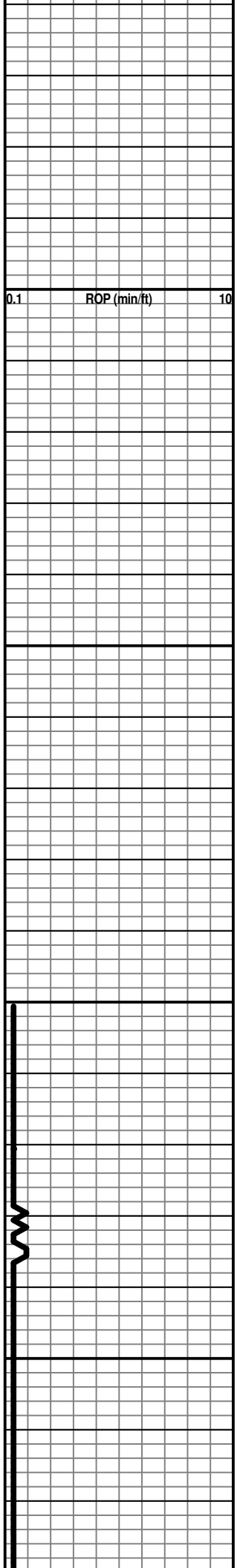
Accessories

| | | | | | | | |
|----------------|----------|-----|---------------|-----------------|----------|----------------|----------|
| MINERAL | | Gyp | FOSSIL | | Ostra | | Siltstrg |
| | Anhy | | Hvymin | | Pelec | | Ssstrg |
| | Arggrn | | Kaol | | Pellet | TEXTURE | |
| | Arg | | Marl | | Pisolite | | Boundst |
| | Bent | | Minxl | | Plant | | Chalky |
| | Bit | | Nodule | | Strom | | Cryxln |
| | Brecfrag | | Phos | STRINGER | | | Earthy |
| | Calc | | Pyr | | Anhy | | Finexln |
| | Carb | | Salt | | Shale | | Grainst |
| | Chtdk | | Sandy | | Bent | | Lithogr |
| | Chtlt | | Silt | | Coal | | Microxln |
| | Dol | | Sil | | Dol | | Mudst |
| | Feldspar | | Sulphur | | Gyp | | Packst |
| | Ferrpel | | Tuff | | Ls | | Wackest |
| | Ferr | | | | Mrst | | |
| | Glau | | | | | | |

Other Symbols

| | | | | | | | |
|-----------------|----------------|------|-----------------------|------|-----------------|--|------|
| OIL SHOW | | Even | | Dead | INTERVAL | | |
| | Oil & gas show | | Spotted | | Gas | | Core |
| | Gas show | | Trace or questionable | | | | Dst |

| ROP (min/ft) | | MD | Lithology | Geological Descriptions | Remarks |
|--------------|--------------|------|-----------|--|---------|
| ROP (min/ft) | ROP (min/ft) | | | | |
| 0.1 | 10 | 1600 | | (Samples Lagged based on Depth and Report Data of Bottoms Up!) Mud | |
| | | 50 | | | |



1700

50

4100

4150

Mud Check: Drlg @ 4047':
Vis Wt WL PV YP
47 8.9 9.2 15 14
Chl Hd pH LCM Solids
3100 04 11.0 2 4.2

* (Sample Box Closed @ 4200, First sample @ 4220!)

ROP (min/ft) 10

4200

4220' spl: 20% Sh dk gy-blk; 80% Ls wh-cr-gy, fn xln, pr xln por, foss

4240' spl: 20% Sh gy-dk gy-blk; 80% Ls wh-cr-gy, fn xln, pr-fr xln por in pt, foss

4260' spl: 10% Sh gy-dk gy-blk; 90% Ls wh-cr-gy, fn xln, pr-fr xln por in pt, chalky in pt, foss

4250

4280' spl: 20% Sh gy-dk gy-blk; 80% Ls wh-cr-gy, fn xln, pr-fr xln por in pt, chalky in pt, foss with scatt foss por

4300' spl: 20% Sh gy-dk gy-blk; 80% Ls wh-cr-gy, fn xln, pr-fr xln por in pt, chalky in pt, foss with scatt foss por

4300

4320' spl: 20% Sh red-gy-dk gy-blk; 80% Ls wh-cr-gy, fn xln, pr-fr xln por in pt, chalky in pt, foss

4340' spl: 20% Sh red-gy-dk gy-blk; 80% Ls wh-cr-gy, fn xln, pr-fr xln por in pt, chalky in pt, foss

4360' spl: 05% Sh -gy-dk gy-blk; 95% Ls wh-cr-gy, fn xln, subsilty text in pt, pr-fr xln por in pt, chalky in pt, foss

4350

4380' spl: 50% Sh dk gy-blk, abund carb; 50% Ls wh-cr-gy, fn xln, pr xln por in pt, chalky in pt, foss (Abund black carb shale)

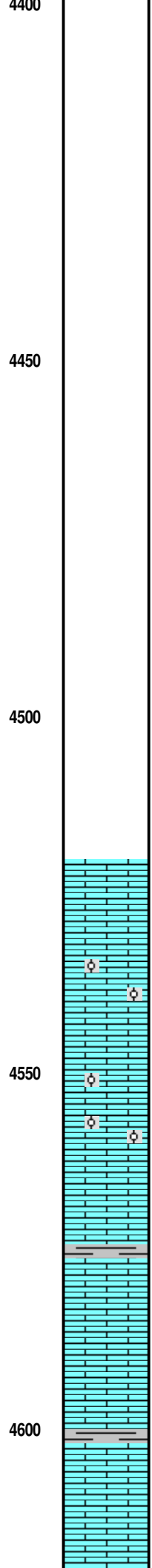
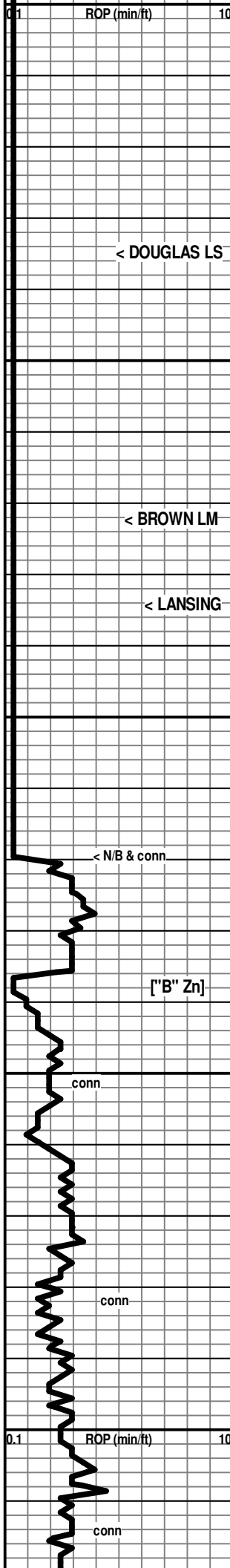
< HEEBNER
SH

* With PDC bit in hole, and manual drill time kept, Actual "sample/drill time" tops could not be called. Tops were positioned based on e-logs!"

4400' spl: 40% Sh dk gy-blk, abund carb in pt; 60% Ls wh-cr-tan-gy, fn xln, pr xln por in pt, chalky in pt, foss

< TORONTO

4420' spl: 45% Sh dk gy-black, carb in pt; 55% Ls cr, fn xln, pr vis xln por, foss in pt (Abund black shale)



4440'spl: 30% Sh, mostly gy, som blk; 70% Ls, wh-gy, pr xln por to dns

< DOUGLAS LS

4480'spl: 30% Sh, mostly gy; 70% Ls, wh-gy, pr xln por, some ool with interool pores

4480'spl: 25% Sh, mostly gy, some gmish, some blk; 75% Ls, wh-cr-tan-gy, pr xln por, subchalky in pt

< BROWN LM

4500'spl: 25% Sh, mostly gy-dk gy, some gmish, some blk; 75% Ls, wh-cr-tan-gy, pr xln por, subchalky in pt

< LANSING

4520'spl: 15% Sh pl gy-gy-gmish gy; 85% Ls wh-cr-pl gy, pr to fr xln por in pt, chalky in pt, foss (some weath'd to gy)

4540'spl: 30% Sh red-gy-gm; 70% Ls wh-cr-gy, vfn-fn xln, dns to pr xln por, sli foss in pt

4460'spl: 05% Sh gy; 95% Ls cr-tan, fn xln, pr-fr xln por, ool & abund oom with fr-gd oom pores

4480'spl: Tr of Shale; Ls wh-cr-tan, fn xln, chalky & soft in pt, dns in pt, pr xln por in pt, ool/oom in pt

4600'spl: 10% Sh gy-blk; 90% Ls wh-cr-an-brn, fn xln, subchalky in pt, dns in pt, chert: fresh-sli grainy text, subopaq,

Sh dk gy-gy-gmish

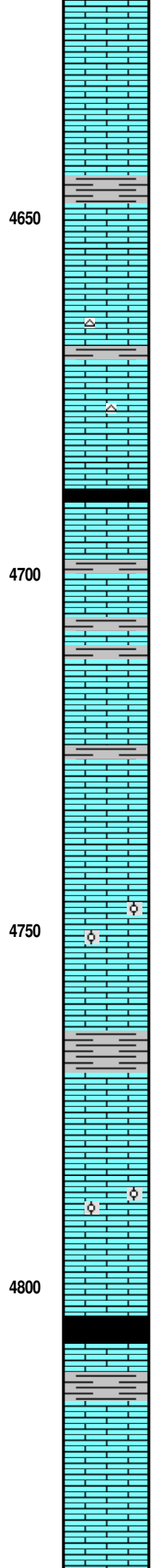
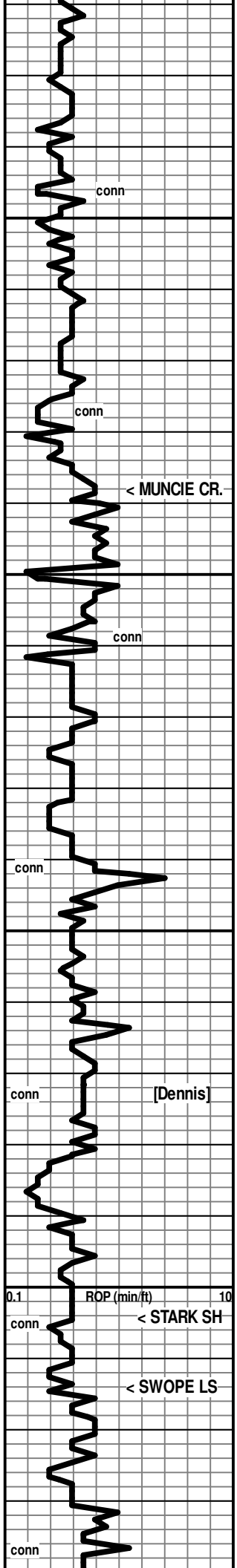
Ls wh-cr, mostly dns, some pr xln por, sli foss

* Bit Trip @ 4519 Ft.
(Change from PDC bit to Button Bit)

7:00 AM, June 08, 2022

Mud Check: CTCH @ 4519':

| Vis | Wt | WL | PV | YP |
|------|-----|------|-----|--------|
| 54 | 9.2 | 9.6 | 15 | 13 |
| Chl | Hd | pH | LCM | Solids |
| 5300 | 28 | 09.5 | 2 | 6.1 |



Ls wh-cr-gy, mostly dns, some pr xln por, sli foss

Ls wh-cr-gy, mostly dns, some pr xln por, some subchalky to chalky, sli foss

Sh gy

Ls wh-cr-tan, fn xln, subchalky in pt, dns to pr xln por in pt, foss, chert: fresh to subgrainy

Ls cr-tan-gy, vfn-fn xln, dns, foss in pt

← 4688 (-2011)
Sh dk gy-blk, (subcarb-carb)

4720' spl: 10% Sh gy-blk-gnrish gy; 90% Ls wh-cr-gy, fn xln, chalky in pt, mostly dns, sli foss in pt, a few pcs of packed foss with interfoss pores

Ls wh-cr-tan, fn xln, dns

4740' spl: abund mushy-sticky gh shale & Ls as above with some gy

Sh gy-grnish gy-grnish, firm

Ls wh-cr, fn xln, subchalky in pt, dns in pt with scatt pr xln por, foss, few pcs ool

4800' spl: 50% Sh gy-blk; 50% Ls wh-cr, fn xln, subchalky in pt, pr xln por to dns in pt, a few pcs ool/oom

4820' spl: 10% Sh gy-black; 90% Ls wh-cr-tan, vfn-fn xln, some chalky, mostly pr xln por to dns, foss

← 4804 (-2127)

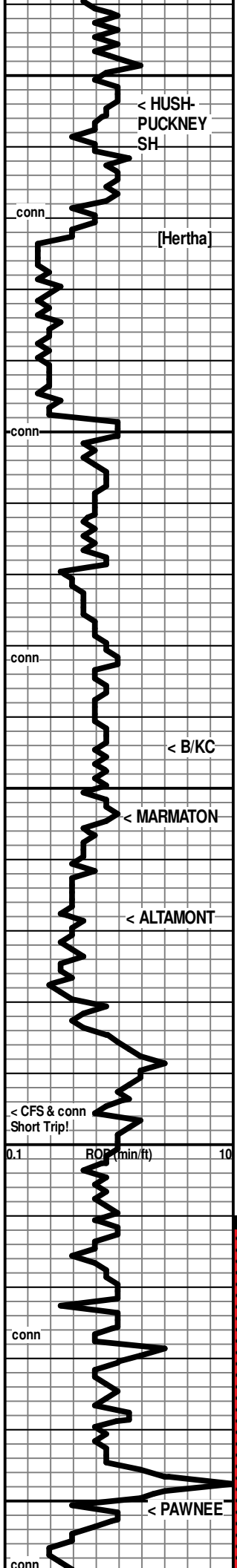
4840' spl: 40% Sh gy-black, carb in pt; 60% Ls wh-cr, fn xln, dns in pt pr xln por in pt, few pcs oom, tr of chert: fresh, wh, subtransl

← 4814 (-2137)

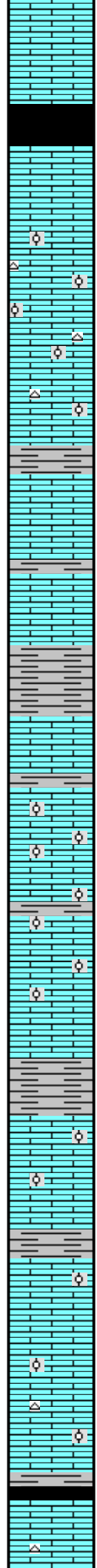
Ls wh-cr, vfn-fn xln, mostly dns, some subchalky, foss, Cherty

0.1 ROP (min/ft) 10

conn



4850
4900
4950
5000
5050



4860' spl: 05% Sh gy-dk gy; 95% Ls cr-tan, vfn-fn xln, dns, sli foss in pt
 ← 4854 (-2177)
 4880' spl: 60% Sh dk gy-black (carb in pt); 40% Ls sh-cr-tan, fn xln, mostly dns, some subchalky & softer, foss in pt
 Ls wh-cr, fn xln, grainy text in pt with pr-fr xln por, packed micro-foss & ool in pt with scatt interfoss-interool pores, chert: fresh tan, transl
 Ls wh-cr, fn xln, mostly ool with scatt isolated oom, foss
 Ls cr-gy, vfn-fn xln, dns, foss
 Ls tan-gy-dk gy, vfn-fn xln, dns & hard, grainy text in pt, foss in pt
 Ls cr-tan-gy-dk gy, vfn-fn xln, dns & hard, grainy text in pt, foss in pt
 ← 4930 (-2253)
 4950' spl: 60% Sh dk gy, subsilty text in pt, calc text in pt; 40% Ls tan-gy-dk gy, vfn xln, dns
 4960' spl: 35% Sh dk gy, subsilty text in pt, calc text in pt; 65% Ls cr-tan-gy-dk gy, vfn xln, dns with widely scatt vugs, foss in pt
 ← 4954 (-2277)
 4970' spl: 35% Sh dk gy, subsilty text in pt; 65% Ls cr-tan-gy-dk gy, vfn xln, dns with widely scatt vugs, foss in pt, ool in pt
 4980' spl: 25% Sh as above; 75% Ls cr, fn xln, abund foss-packed foss, ool with scatt interool pores
 ← 4968 (-2291)
 4990' spl: Ls wh-cr, fn xln, pr vis xln por, abund packed foss & ool with scatt interool pores
 4995' 20-min sol: Ls cr-tan, vfn xln, dns, foss in pt; Low % of shale
 4995' 40-min sol: Ls cr-tan, vfn xln, dns, foss in pt; With incr. % of shale gy-dk gy
 * Short Trip @ 4995 ft. 20-stands!
 4920' spl: 15% Sh gy-gmish; 85% Ls wh-cr, fn xln, chalky in pt, prxln por to dns in pt, foss, some ool pcs
 4930' spl: 10% Sh gy-gmish; 90% Ls wh-cr, fn xln, chalky in pt, prxln por to dns in pt, foss, some ool pcs
 Sh few pcs gy-blk, Rr carb
 5040' & 5050' spls: Ls wh-cr, fn xln, pr vis xln por, scatt pp pores, dns to subchalky in pt, foss to abund foss, some ool pcs, tr of chert: cr-tan, fresh, subtransl, spiculitic in pt
 [5040' & 5050' spls: Mild Odor, low % pcs with brt patchy fluor, few pcs per tray with spotty tan stn with micro-drops of colorless oil & trace shows of gassy lt brn FO on brk]
 Sh dk gy-black, carb in pt, abund in spls
 ← 5051 (-2374)
 Ls wh-cr, fn xln, chalky in pt, pr vis xln por, sli foss, chert, fresh, cr-tan, subopaq-subtransl, spic in pt

7:00 AM, June 09, 2022

Mud Check: Drlg @ 4910':

| Vis | Wt | WL | PV | YP |
|------|-----|------|-----|--------|
| 41 | 9.2 | 9.2 | 12 | 10 |
| Chl | Hd | pH | LCM | Solids |
| 2500 | 20 | 10.0 | 3 | 6.3 |

DST #1: 5010-5076 (Altamont, Pawnee)
 Times: 15-30-45-60
 Initial Open: Wk Blow, built to 1.75"
 Final Open: Wk Blow, built to 2.25"
 Rec: 180' MCW: 60%w 40%w with-green oil spots
 (Chl/Wtr: 26,000 ppm)
 IHP: 2500 FHP: 2414
 IFP: 38-65 FFP: 70-113
 ISIP: 1502 FSIP: 1483
 BHT: 118°F

Pipe Strap @ 5076 ft:
10.81 ft short to board!

7:00 AM, June 10, 2022

Mud Check: OB/DST #1 @ 5076':

| Vis | Wt | WL | PV | YP |
|------|-----|-----|-----|--------|
| 51 | 9.2 | 8.4 | 18 | 15 |
| Chl | Hd | pH | LCM | Solids |
| 2700 | 04 | 9.5 | 2 | 6.3 |

[Fnt Odor, low % pcs with brt patchy-spotty fluor, Rr trace shows of micro-drops of colorless oil on crush]

Ls wh-cr, vfn-fn xln, mostly dns & hard, some chalky & softer, foss, cherty

5090' spl: 60% Sh gy-black, abund carb, some red-grmish; 40% Ls cr-tan, vfn-fn xln, dns, foss

5100' spl: 40% Sh gy-blk-grmish, silty in pt, carb in pt; 60% Ls cr-gy, vfn-fn xln, dns

Sh black, carb

← 5104 (-2427)

Ls wh-cr-tan-gy, vfn xln, dns, with white chalky edges & patches, foss in pt

Ls cr-tan-gy, fn xln, dns, foss to abund foss

← 5134 (-2457)

Sh black, carb

Ls cr-tan-gy, vfnxln, dns, foss in pt

Sh gy-dk gy

Ls wh-tan-gy, vfn xln, chalky in pt, dns & hard in pt

Sh gy-blk

Ls cr-tan, vfn xln, dns

Ls mostly cr, some tan, vfn xln, dns

Sh dk gy-black

Ls wh-cr-tan, vfn-fn xln, chalky in pt, dns & hard in pt, Rr pr xln por, Scatt grn glauc specks foss (some weath'd to blk)

Sh pl gy-gy-grmish, silty in pt

← 5214 (-2537)

Ls cr-tan-brn, vfn lxn, dns with chalky patches, edges & pcs, sli foss in pt

← 5225 (-2548)

5240' spl: 98% Ls wh-cr-tan, vfn-fn xln, dns with scatt chalky, Rr foss; Tr. of gy-grmish gy shale

5242' spl: 60% Sh & Ls as above; 40% Sd, glassy to wh, vfn-fn grn (135u +/-), gd sort, subrd, mostly pr-fr fri with some gd fri, subrd clusters, pr-fr vis intergrnlr por, scatt wh calc & grn glauc cem. tr vell-arn shale in 60-min spl

Show Descr. →

5249' spl: Abund Sd & Shales as above; 60-min spl had abund Ls wh-cr-tan, fn xln, chalky in to dns, sdy to ool

Show Descr. →

← 5247 (-2570)

5260' spl: 99% Sh red-gy-grm-dk gy

5270' spl: 60% Sh, with abund pl gm sdy shale along with red-gy; 40% Ls wh-cr-gy, fn xln, chalky to dns, sdy

5280' spl: 95% Ls wh-cr-pl gy, fn xln, sdy in pt, ool in pt, sdy & ool in pt, some pr vis xln interool por, much dns, trace of ool chert

Show Descr. →

5290' spl: 95% Ls wh-cr-pl gy, fn xln, sdy in pt, ool in pt, sdy & ool in pt, some pr vis xln interool por, much dns, trace of ool chert

7:00 AM, June 11, 2022

Mud Check: Drlg @ 5185':

| Vis | Wt | WL | PV | YP |
|------|-----|-----|-----|--------|
| 48 | 9.1 | 9.2 | 16 | 14 |
| Chl | Hd | pH | LCM | Solids |
| 3050 | 04 | 9.5 | 2 | 5.6 |

DST #2: 5200-5249 (Morrow)

Times: 15-30-15-out

Initial Open: Wk Blow, built to 1/2"

Final Open: No Blow

Rec: 10' mud

IHP: 2535 FHP: 2492

IFP: 24-29 FFP: 30-32

ISIP: 64 FSIP: NA

BHT: 115°F

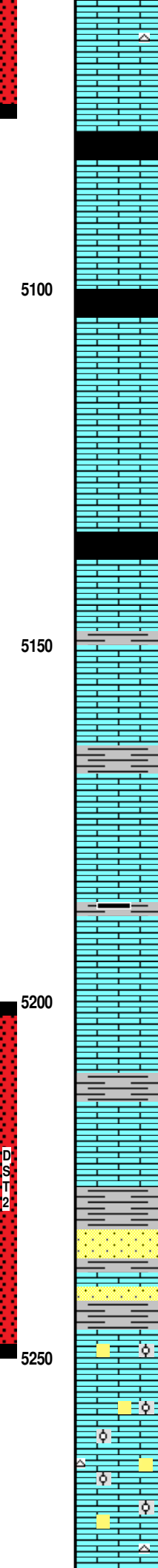
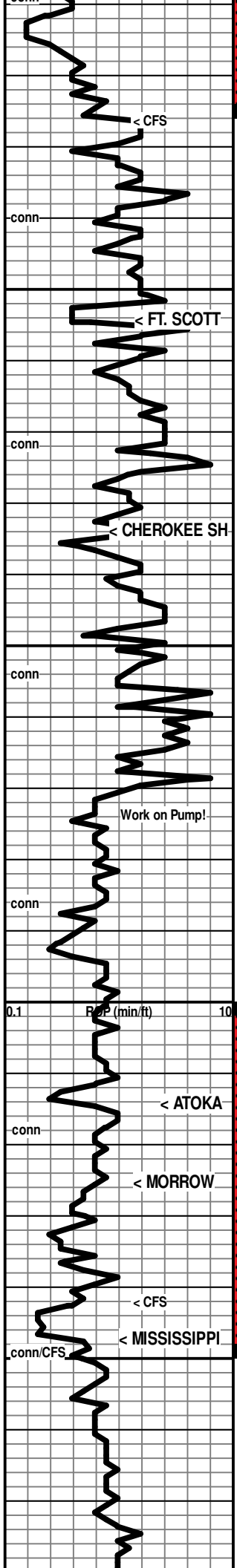
[5242' CFS: No Odor, Abund dull speckled fluor, somelt tan strn, Abund trace to sli shows of micro-drops & tine drops of lt tan-tan FO, v sli gassy on crush]

[5249' CFS: Sand with Shows, as above]

7:00 AM, June 12, 2022

[5280' spl: No Odor, 1-2 pcs per tray with dull fluor, with trace of micro-drops of colorless/fluor FO on crush]

[5290' spl: No Odor, a few pcs per tray with dull red patches fluor, with trace of micro-drops of



5100

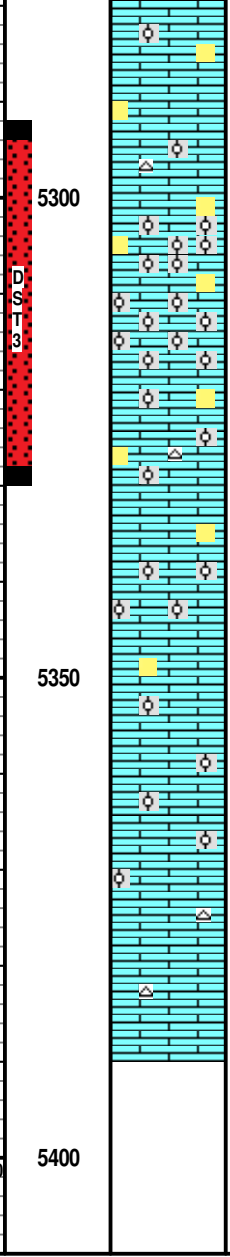
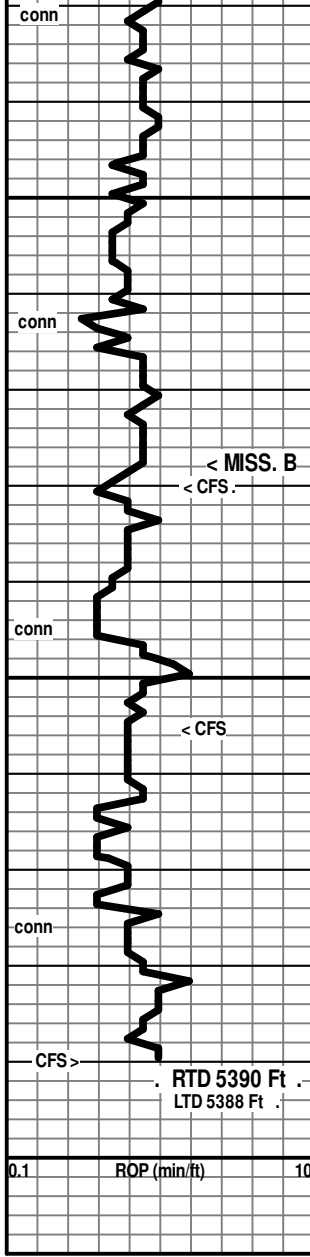
5150

5200

5250

Work on Pump!

DST



Show Descr. —————>

5300' spl: 95% Ls wh-cr-pl gy, fn xln, mostly sdy, some ool in pt, sdy & ool in pt, some pr vis xln interool por, much dns, trace of ool chert

Show Descr. —————>

5310' spl: 99% Ls wh, fn xln, chalky to dns, mostly sdy in chalky matrix

Show Descr. —————>

←————— 5303 (-2626)

5320' & 5330' spls: 99% Ls wh, fn xln, mix of packed md-crs ool with scatt interool pr-fr pores & matrix por with gd crush, (soe exc looking ool clusters) loosely cem to well cem with gd-pr crush, scatt grnsh glauc specks; & sdy Ls chalky

Show Descr. —————>

←————— 5328 (-2651)

5330' CFS: Ls wh, fn xln, mostly dns, with some ool, some sdy, chert: fresh, cr-pl gy, transl (spls became 25% shale)

5340' spl: 95% Shales red-gy-dk gy-grnsh; 05% Ls wh-cr, mostly chalky

5350' spl: 75% Shales as above; 25% Wh-cr, fn xln, chalky to dns, sdy in pt, foss in pt

Ls wh-cr-pl gy, fn xln, chalky in pt, pr vis xln por, dns in pt, foss, ool in pt, some sdy

Ls wh-cr-gy, fn xln, pr xln por to dns in pt, chalky in pt, ool in pt

Ls wh-cr, fn xln, pr vis xln por in pt, chalky in pt, dns in pt, foss, ool in pt

Ls wh-cr, fn xln, some chalky, mostly dns & hard, foss in pt, low % ool, chert: fresh, wh, foss

[colorless/fluor FO on crush]

[5300' spl: No Odor, a few pcs per tray with dull-mod patchy fluor, with trace of micro-drops of colorless/fluor FO on crush]

[5310' spl: No Odor, 2 +/- pcs per tray with dull patches of fluor, a couple of pcs with trace of fluor micro-drops on crush]

[5320' & 5330' spls: No Odor, few pcs per tray with edgy-patchy dull-mod-brt fluor, with mostly trace of micro-drops to tiny drops of colorless FO on crush, found 2 pcs with tiny drops tan FO on crush]

7:00 AM, June 13, 2022

Mud Check: TOOH/DST3 @ 5330':

| Vis | Wt | WL | PV | YP |
|------|-----|-----|-----|--------|
| 55 | 9.3 | 9.2 | 17 | 16 |
| Chl | Hd | pH | LCM | Solids |
| 5300 | 16 | 9.5 | 2 | 6.8 |

DST #3: 5292-5330 (Mississippi)

Times: 15-30-60-90

Initial Open: Wk Blow, built to 3-3/4"

Final Open: Stg Blow, built to 14-3/4"

Rec: 240' Total Fluid & 60' gas in pipe

120' SGOCM: 25%g 02%o 73%m

120' SGOWCM: 05%g 01%o 39%w 55%m (chl/wtr: 31,000 ppm)

IHP: 2713 FHP: 2564

IFP: 108-112 FFP: 111-131

ISIP: 1508 FSIP: 1451

BHT: 121°F

RTD 5390 Ft. reached at 7:00 PM, June 13, 2022!

COPELAND

Acid & Cement

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

Invoice

Page: 1

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

INVOICE NUMBER:
C60579-IN

BILL TO:
CARMEN SCHMITT, INC.
PO BOX 47
GREAT BEND, KS 67530

LEASE: POST HUMBURG #1

| DATE | ORDER | SALESMAN | ORDER DATE | PURCHASE ORDER | SPECIAL INSTRUCTIONS | |
|---|-------|---|------------|-----------------------|----------------------|-----------------|
| 06/20/2022 | 60579 | | 06/14/2022 | POST HUMBURG #1 | NET 30 | |
| QUANTITY | U/M | ITEM NO./DESCRIPTION | | D/C | PRICE | EXTENSION |
| | | NEW WELL | | | | |
| 120.00 | MI | MILEAGE CEMENT PUMP TRUCK | | 0.00 | 6.00 | 720.00 |
| 1.00 | EA | PUMP CHASRGE ROTARY PLUG | | 0.00 | 1,150.00 | 1,150.00 |
| 170.00 | SK | 60/40 POZ MIX 2% GEL | | 0.00 | 13.00 | 2,210.00 |
| 3.00 | SK | 2% ADDITIONAL GEL | | 0.00 | 25.25 | 75.75 |
| 43.00 | LB | CELLO-FLAKES | | 0.00 | 3.25 | 139.75 |
| 1.00 | EA | 8 5/8" WOOD PLUG | | 0.00 | 65.00 | 65.00 |
| 175.00 | EA | BULK CHARGE | | 0.00 | 1.25 | 218.75 |
| 924.00 | MI | BULK TRUCK - TON MILES | | 0.00 | 1.10 | 1,016.40 |
| | | <i>7/10/43</i> <i>19804.0001</i> <i>BCP Cement to Plug</i> | | | | |
| REMIT TO: P.O. BOX 438 HAYSVILLE, KS 67060 | | COP | | Net Invoice: | | 5,595.65 |
| | | FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY. | | FORCO Sales Tax: | | 176.31 |
| RECEIVED BY | | NET 30 DAYS | | Invoice Total: | | 5,771.96 |

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

Copeland Acid & Cement is a subsidiary of Gresel Oil Field Service

Gresel Oil Field Service reserves a security interest in the goods sold until the same are paid for in full and reserve all the rights of a secured party under the Uniform Commercial Code.



NEW WELL
 BOX 438 - HAYSVILLE, KANSAS 67060
 316-524-1225

FIELD
 ORDER

N^o C _____ 60579

DATE 14-Jun 20 22

IS AUTHORIZED BY: CARMEN SCHMITT INC (NAME OF CUSTOMER)

Address _____ City _____ State KS

TO TREAT WELL AS FOLLOWS Lease POST HUMBURG Well No. 1 Customer Order No. _____

Sec. Twp. Range 19-28-25W County FORD State KS

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.

The undersigned represents himself to be duly authorized to sign this order for well owner or operator.

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED _____ By _____
 Well Owner or Operator Agent

| CODE | QUANTITY | DESCRIPTION | UNIT COST | AMOUNT |
|---------|----------|--------------------------------|------------|-------------------|
| 20.0002 | 120 | Mileage P.T. Round Trip | \$6.00 | \$720.00 |
| 20.0006 | 1 | Pump Charge Rotary Plug | \$1,150.00 | \$1,150.00 |
| 20.1002 | 170 | 60/40 Poz 2% Gel | \$13.00 | \$2,210.00 |
| 20.1004 | 3 | Add. Gel after 2% Per Sack | \$25.25 | \$75.75 |
| 20.1013 | 43 | Celloflake per lb. | \$3.25 | \$139.75 |
| 20.202 | 1 | 8 5/8" Wood Plug | \$65.00 | \$65.00 |
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| | | | | |
| 20.0011 | 175 | Bulk Charge | \$1.25 | \$218.75 |
| 20.0012 | 924 | Bulk Truck Miles | \$1.10 | \$1,016.40 |
| | | Process License Fee on Gallons | | |
| | | TOTAL BILLING | | \$5,595.65 |

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

Copeland Representative GREG C.

Station GB _____ MATT SUCHY _____
 Well Owner, Operator or Agent

Remarks _____

NET 30 DAYS



HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:
CARMEN SCHMITT INC
PO BOX 47
GREAT BEND, KS 67530-0047

Invoice Date: 6/5/2022
Invoice #: 0361113
Lease Name: Post Humburg
Well #: 1
County: Ford, Ks
Job Number: WP2893
District: Pratt

| Date/Description | HRS/QTY | Rate | Total |
|------------------------------|-----------|-----------|----------|
| Surface | 0.000 | 0.000 | 0.00 |
| H-CON | 275.000 | 23.500 | 6,462.50 |
| Cement Class A | 250.000 | 17.860 | 4,465.00 |
| Calcium Chloride | 470.000 | 0.705 | 331.35 |
| Cello Flake | 64.000 | 1.645 | 105.28 |
| 8 5/8" Flapper insert valve | 1.000 | 352.500 | 352.50 |
| 8 5/8" Top rubber plug | 1.000 | 164.500 | 164.50 |
| 8 5/8" Centralizer x 12 1/4" | 3.000 | 84.600 | 253.80 |
| Light Eq Mileage | 85.000 | 1.880 | 159.80 |
| Heavy Eq Mileage | 170.000 | 3.760 | 639.20 |
| Ton Mileage | 2,100.000 | 1.410 | 2,961.00 |
| Cement Blending & Mixing | 525.000 | 1.316 | 690.90 |
| Depth Charge 1001'-2000' | 1.000 | 1,410.000 | 1,410.00 |
| Cement Data Acquisition | 1.000 | 235.000 | 235.00 |
| Cement Plug Container | 1.000 | 235.000 | 235.00 |
| Service Supervisor | 1.000 | 275.000 | 275.00 |
| Cement Pump-Hourly Service | 5.000 | 175.000 | 875.00 |

7/10/213
19809.0001
BCP Well R/L
Surface Cement

Total 19,615.83

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!



| | | | | | | | |
|------------------|--------------------|---|---|--|---|---|-----------------------------|
| Customer | Camren Schmitt Inc | | Lease & Well # | Post Humberg 1 | | Date | 6/5/2022 |
| Service District | Pratt Kansas | | County & State | Ford, Kansas | Legals S/T/R | 19-28s-25w | Job # |
| Job Type | Surface | <input checked="" type="checkbox"/> PROD | <input type="checkbox"/> INJ | <input type="checkbox"/> SWD | New Well? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> No |
| Equipment # | Driver | Job Safety Analysis - A Discussion of Hazards & Safety Procedures | | | | | |
| 916 | M Brungardt | <input checked="" type="checkbox"/> Hard hat | <input checked="" type="checkbox"/> Gloves | <input type="checkbox"/> Lockout/Tagout | <input type="checkbox"/> Warning Signs & Flagging | | |
| 525/522 | R Osborn | <input checked="" type="checkbox"/> H2S Monitor | <input checked="" type="checkbox"/> Eye Protection | <input type="checkbox"/> Required Permits | <input type="checkbox"/> Fall Protection | | |
| 181/533 | D Martinez | <input checked="" type="checkbox"/> Safety Footwear | <input type="checkbox"/> Respiratory Protection | <input checked="" type="checkbox"/> Slip/Trip/Fall Hazards | <input type="checkbox"/> Specific Job Sequence/Expectations | | |
| | | <input type="checkbox"/> FRC/Protective Clothing | <input type="checkbox"/> Additional Chemical/Acid PPE | <input checked="" type="checkbox"/> Overhead Hazards | <input type="checkbox"/> Muster Point/Medical Locations | | |
| | | <input type="checkbox"/> Hearing Protection | <input checked="" type="checkbox"/> Fire Extinguisher | <input type="checkbox"/> Additional concerns or issues noted below | | | |
| Comments | | | | | | | |

| Product/Service Code | Description | Unit of Measure | Quantity | Net Amount |
|----------------------|----------------------------------|-----------------|----------|------------|
| 82825 | H-Con | sack | 225.00 | \$6,462.50 |
| 82840 | Class A Cement | sack | 207.00 | \$4,465.00 |
| 82840 | Calcium Chloride | lb | 470.00 | \$331.35 |
| 82870 | Cello-flake | lb | 84.00 | \$105.28 |
| 8275 | 8 5/8" AFU Flapper Insert Valve | ea | 1.00 | \$352.50 |
| 8295 | 8 5/8" Rubber Plug | ea | 1.00 | \$164.50 |
| 8280 | 8 5/8" Centralizer | ea | 3.00 | \$253.80 |
| 8215 | Light Equipment Mileage | mi | 58.00 | \$159.80 |
| 8210 | Heavy Equipment Mileage | mi | 170.00 | \$609.20 |
| 8220 | Ton Mileage | tm | 2,160.00 | \$2,961.00 |
| 8250 | Cement Blending & Mixing Service | sack | 805.00 | \$690.90 |
| 8242 | Depth Charge: 1001'-2000' | job | 1.00 | \$1,410.00 |
| 8235 | Cement Data Acquisition | job | 1.00 | \$295.00 |
| 8240 | Cement Plug Container | job | 1.00 | \$235.00 |
| 8241 | Service Supervisor | day | 1.00 | \$275.00 |
| 8223 | Cement Pump - Hourly Service | hr | 8.00 | \$875.00 |

| | | | | | |
|--|--|---|--|-----------|------------------|
| Customer Section: On the following scale how would you rate Hurricane Services Inc.? | | Total Taxable \$ - | | Tax Rate: | Net: \$19,615.83 |
| Based on this job, how likely is it you would recommend HSI to a colleague? | | State tax laws deem certain products and services used on new wells to be sales tax exempt. | | Sale Tax: | \$ - |
| <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <small>Extremely Unlikely</small> | | Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt. | | Total: | \$ 19,615.83 |
| HSI Representative: Mark Brungardt | | | | | |

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

Ernest Hernandez CUSTOMER AUTHORIZATION SIGNATURE



CEMENT TREATMENT REPORT

| | | | | | |
|--------------|--------------------|---------|----------------|----------|----------|
| Customer: | Carmen Schmitt Inc | Well: | Post Humberg 1 | Ticket: | wp 2893 |
| City, State: | Dodge City | County: | Ford.Kansas | Date: | 6/5/2022 |
| Field Rep: | Paco Gonzalez | S-T-R: | 19-28s-25w | Service: | Surface |

Downhole Information

| | |
|-----------------|-----------|
| Hole Size: | 12 1/4 in |
| Hole Depth: | 1256 ft |
| Casing Size: | 8 5/8 in |
| Casing Depth: | 1246 ft |
| Tubing / Liner: | in |
| Depth: | ft |
| Tool / Packers: | |
| Tool Depth: | ft |
| Displacement: | 77.0 bbls |

Calculated Slurry - Lead

| | |
|---------------------|---------------------------|
| Blend: | H-Con |
| Weight: | 12.0 ppg |
| Water / Sx: | 14.5 gal / sx |
| Yield: | 2.47 ft ³ / sx |
| Annular Bbls / Ft.: | bbs / ft. |
| Depth: | ft |
| Annular Volume: | 0.0 bbls |
| Excess: | 100% |
| Total Slurry: | 121.0 bbls |
| Total Sacks: | 275 sx |

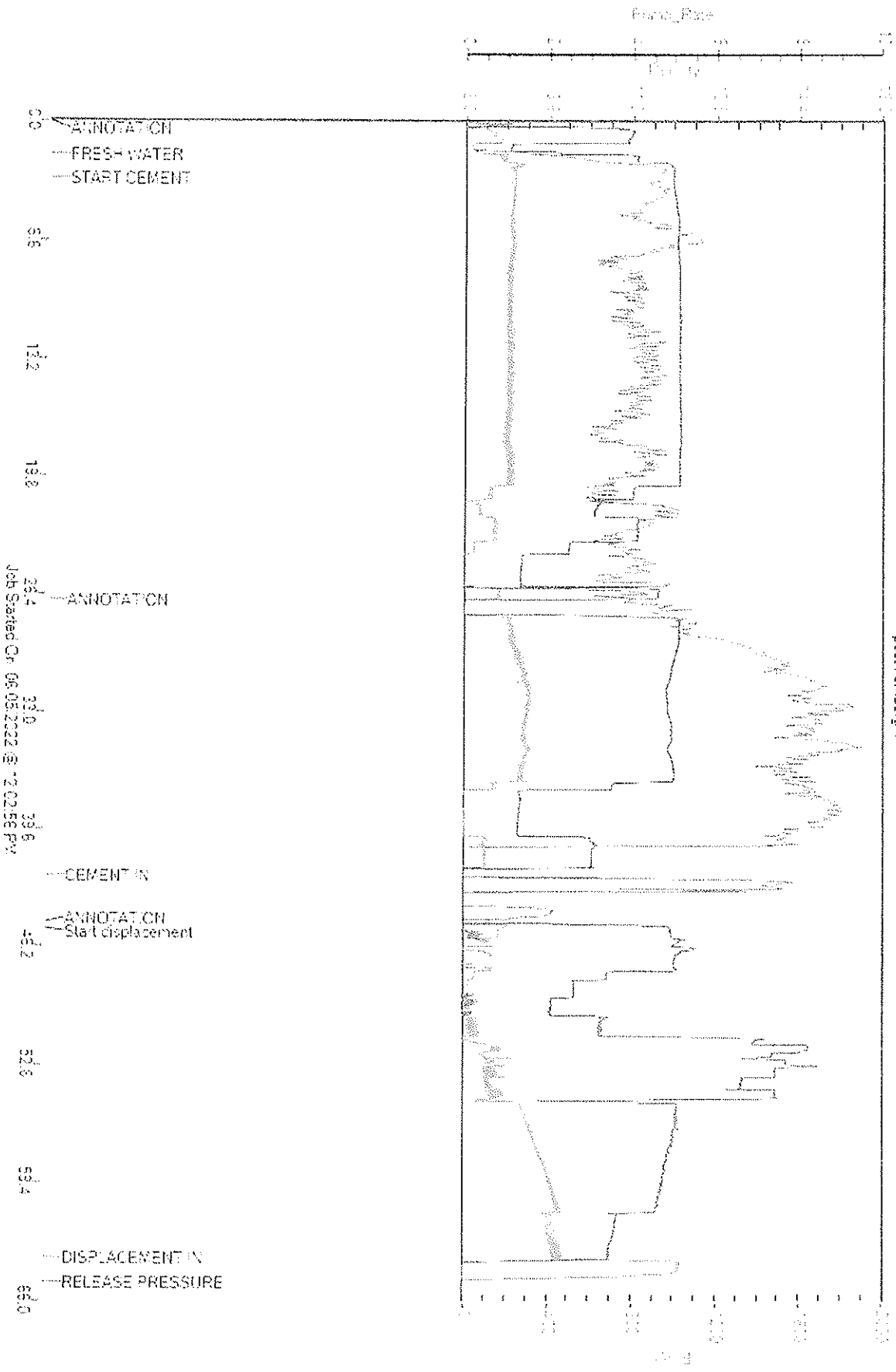
Calculated Slurry - Tail

| | |
|---------------------|---------------------------|
| Blend: | A 2% cc |
| Weight: | 15.4 ppg |
| Water / Sx: | 5.5 gal / sx |
| Yield: | 1.23 ft ³ / sx |
| Annular Bbls / Ft.: | bbs / ft. |
| Depth: | ft |
| Annular Volume: | 0 bbls |
| Excess: | 95% |
| Total Slurry: | 55.0 bbls |
| Total Sacks: | 250 sx |

| TIME | RATE | PSI | STAGE BBLs | TOTAL BBLs | REMARKS |
|----------|------|-------|------------|------------|---|
| 1:30 AM | | | - | - | on location job and safety |
| 1:45 AM | | | - | - | spot trucks and rig up |
| | | | - | - | centralizers 1 3 5 |
| | | | - | - | |
| 9:15 AM | | | - | - | start casing in the hole |
| 11:55 AM | | | - | - | casing on bottom and circulate |
| | | | - | - | |
| 12:10 PM | | | - | - | start cement |
| | 5.0 | 250.0 | 5.0 | 5.0 | fresh water |
| | 5.0 | 250.0 | 121.0 | 126.0 | mix 275 sacks H-Con |
| | 5.0 | 250.0 | 58.0 | 181.0 | mix 250 A2% cc |
| 12:50 PM | | | | | cement in and shut down |
| | | | | | release plug |
| | | | | | |
| 12:55 PM | | | | | start displacement |
| | 2.0 | 100.0 | 20.0 | | |
| | 5.0 | 200.0 | 30.0 | | |
| | 5.0 | 300.0 | 40.0 | | |
| | 5.0 | 400.0 | 50.0 | | |
| | 5.0 | 450.0 | 60.0 | | |
| | 3.5 | 400.0 | 70.0 | | |
| 1:15 PM | 3.5 | 500.0 | 77.0 | | plug down.....took psi from 500 to 1000 psi |
| | | | | | release pressure and float held |
| | | | | | circulated 15 bbls to the pit |
| | | | | | |
| | | | | | |
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| | | | | | |

| CREW | | | UNIT | SUMMARY | | |
|----------------|-------------|--|---------|--------------|------------------|-------------|
| Cementer: | M Brungardt | | 916 | Average Rate | Average Pressure | Total Fluid |
| Pump Operator: | R Osborn | | 525/522 | 4.4 bpm | 310 psi | 528 bbls |
| Bulk #1: | D Martinez | | 181/533 | | | |
| Bulk #2: | | | | | | |

Carmen Schmitt
post Fumberg 1





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Post-Humburg #1

18 28s 25w Ford,KS

Start Date: 2022.06.10 @ 05:45:00

End Date: 2022.06.10 @ 15:28:30

Job Ticket #: 68109 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.06.16 @ 11:49:54



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Carmen Schmitt, Inc
 PO Box 47
 Great Bend, KS 67530
 ATTN: Brad Rine

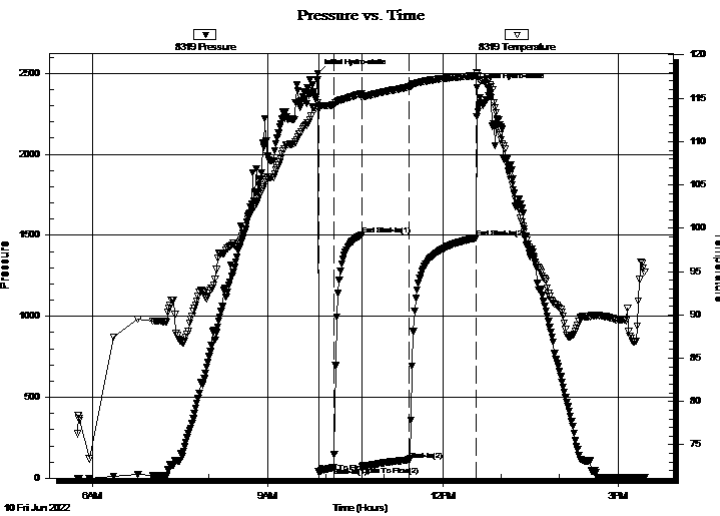
18 28s 25w Ford, KS
Post-Humburg #1
 Job Ticket: 68109 **DST#: 1**
 Test Start: 2022.06.10 @ 05:45:00

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:52:30
 Time Test Ended: 15:28:30
 Interval: **5010.00 ft (KB) To 5076.00 ft (KB) (TVD)**
 Total Depth: 5076.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 2677.00 ft (KB)
 2669.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8319 Inside
 Press@RunDepth: 113.14 psig @ 5011.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.06.10 End Date: 2022.06.10 Last Calib.: 2022.06.10
 Start Time: 05:45:05 End Time: 15:28:30 Time On Btm: 2022.06.10 @ 09:52:00
 Time Off Btm: 2022.06.10 @ 12:35:15

TEST COMMENT: IF: 1 3/4" blow .
 IS: No return.
 FF: 2 1/4" blow .
 FS: No return 15-30-45-60



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2500.31 | 114.50 | Initial Hydro-static |
| 1 | 38.91 | 113.74 | Open To Flow (1) |
| 17 | 65.99 | 114.25 | Shut-In(1) |
| 45 | 1502.86 | 115.53 | End Shut-In(1) |
| 45 | 70.44 | 115.05 | Open To Flow (2) |
| 94 | 113.14 | 116.30 | Shut-In(2) |
| 163 | 1483.20 | 117.60 | End Shut-In(2) |
| 164 | 2414.35 | 117.85 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------------|--------------|
| 180.00 | mcw 40m 60w (oil spots) | 0.89 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt, Inc
 PO Box 47
 Great Bend, KS 67530
 ATTN: Brad Rine

18 28s 25w Ford,KS
Post-Humburg #1
 Job Ticket: 68109 **DST#: 1**
 Test Start: 2022.06.10 @ 05:45:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4810.00 ft | Diameter: 3.80 inches | Volume: 67.47 bbl | Tool Weight: 2500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 180.00 ft | Diameter: 2.25 inches | Volume: 0.89 bbl | Weight to Pull Loose: 90000.00 lb |
| | | | <u>Total Volume: 68.36 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 10.00 ft | | | String Weight: Initial 70000.00 lb |
| Depth to Top Packer: | 5010.00 ft | | | Final 70000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 66.00 ft | | | |
| Tool Length: | 96.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|--------------|------------|----------|------------|-------------------------------|
| Change Over Sub | 1.00 | | | 4981.00 | |
| Shut In Tool | 5.00 | | | 4986.00 | |
| Hydraulic tool | 5.00 | | | 4991.00 | |
| Jars | 5.00 | | | 4996.00 | |
| EM Tool | 3.00 | | | 4999.00 | |
| Safety Joint | 2.00 | | | 5001.00 | |
| Packer | 5.00 | | | 5006.00 | 30.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 5010.00 | |
| Stubb | 1.00 | | | 5011.00 | |
| Recorder | 0.00 | 8319 | Inside | 5011.00 | |
| Recorder | 0.00 | 8874 | Outside | 5011.00 | |
| Perforations | 29.00 | | | 5040.00 | |
| Change Over Sub | 1.00 | | | 5041.00 | |
| Drill Pipe | 31.00 | | | 5072.00 | |
| Change Over Sub | 1.00 | | | 5073.00 | |
| Bullnose | 3.00 | | | 5076.00 | 66.00 Bottom Packers & Anchor |
| Total Tool Length: | 96.00 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc
 PO Box 47
 Great Bend, KS 67530
 ATTN: Brad Rine

18 28s 25w Ford,KS
Post-Humburg #1
 Job Ticket: 68109 **DST#: 1**
 Test Start: 2022.06.10 @ 05:45:00

Mud and Cushion Information

| | | |
|----------------------------------|----------------------------|---------------------------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: 0 deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: 26000 ppm |
| Viscosity: 51.00 sec/qt | Cushion Volume: bbl | |
| Water Loss: 8.39 in ³ | Gas Cushion Type: | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | |
| Salinity: 2700.00 ppm | | |
| Filter Cake: 2.00 inches | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------------------|---------------|
| 180.00 | mcw 40m 60w (oil spots) | 0.885 |

Total Length: 180.00 ft Total Volume: 0.885 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: rw is .203 @ 86f = 26000ppm

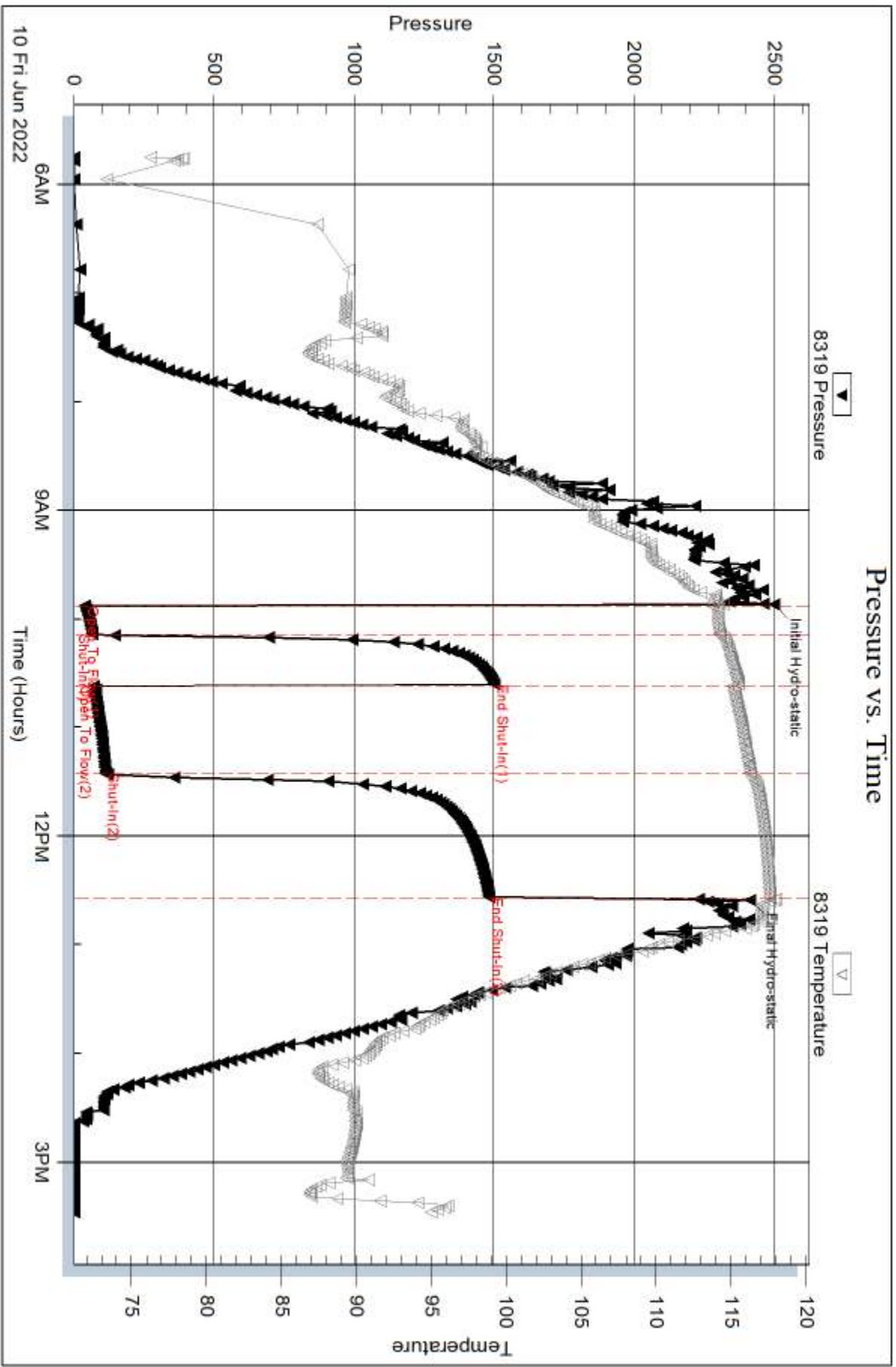
Serial #: 8319

Inside

Carmen Schmitt, Inc

Post-Humburg #1

DST Test Number: 1

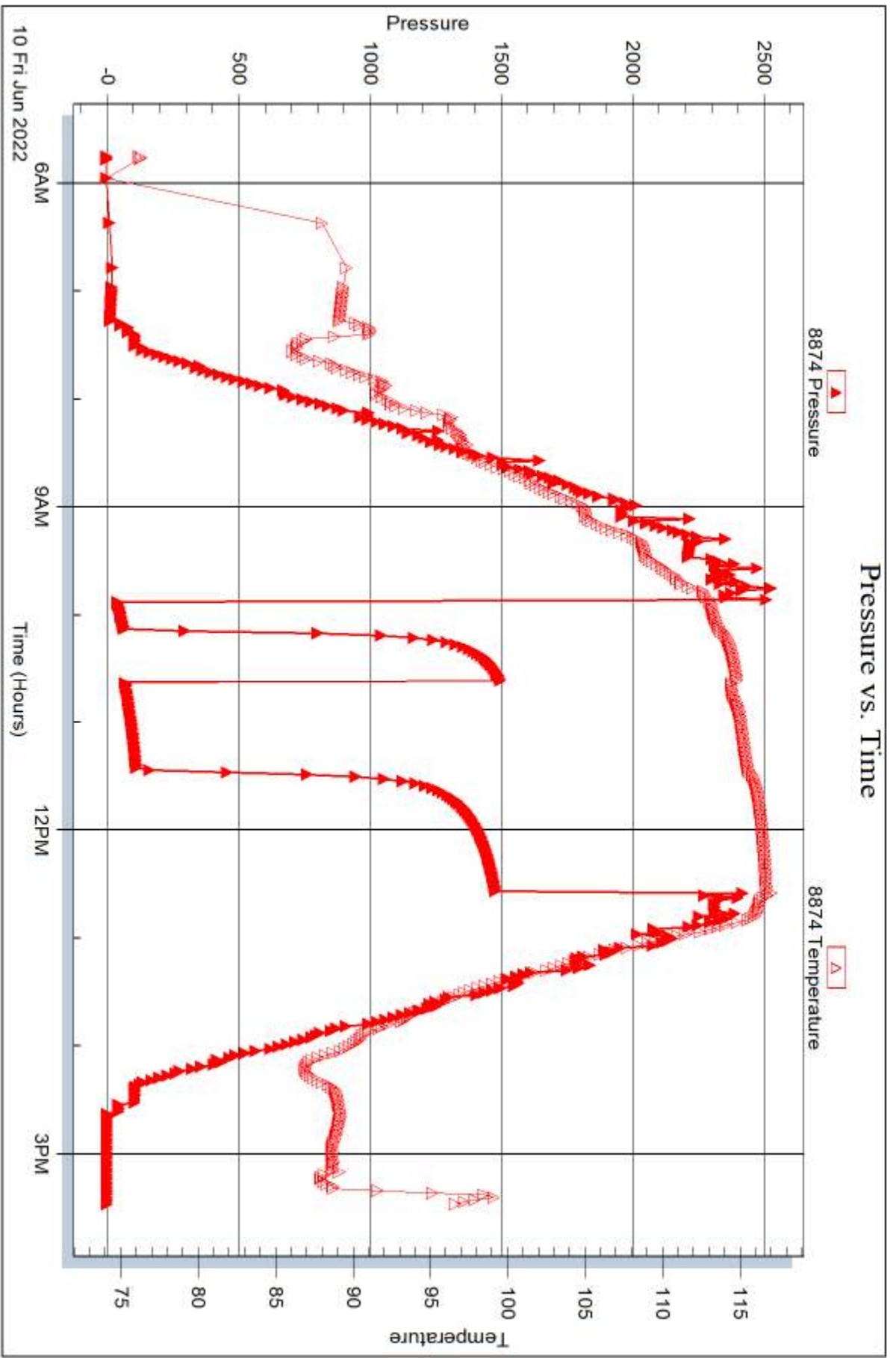


Serial #: 8874

Outside Carmen Schnitt, Inc

Post-Humburg #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Post-Humburg #1

18 28s 25w Ford,KS

Start Date: 2022.06.10 @ 20:31:55

End Date: 2022.06.11 @ 04:26:25

Job Ticket #: 68110 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.06.16 @ 11:49:15



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Carmen Schmitt, Inc
 PO Box 47
 Great Bend, KS 67530
 ATTN: Brad Rine

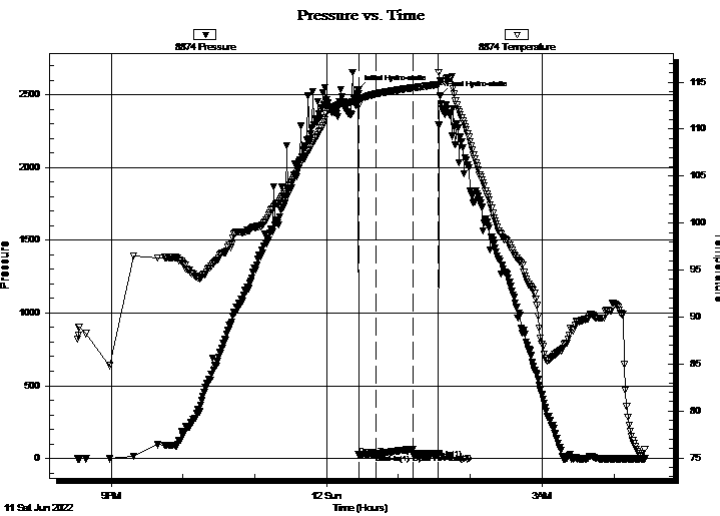
18 28s 25w Ford, KS
Post-Humburg #1
 Job Ticket: 68110 **DST#: 2**
 Test Start: 2022.06.10 @ 20:31:55

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:26:40
 Time Test Ended: 04:26:25
 Interval: **5200.00 ft (KB) To 5249.00 ft (KB) (TVD)**
 Total Depth: 5249.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 2677.00 ft (KB)
 2669.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8874 Outside
 Press@RunDepth: 29.01 psig @ 5201.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.06.11 End Date: 2022.06.12 Last Calib.: 2022.06.12
 Start Time: 20:32:00 End Time: 04:26:24 Time On Btm: 2022.06.12 @ 00:26:25
 Time Off Btm: 2022.06.12 @ 01:34:40

TEST COMMENT: IF: 1/2" blow .
 IS: No return.
 FF: No blow .
 FS: Pulled test . 15-30-15-pulled test



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2535.03 | 113.75 | Initial Hydro-static |
| 1 | 24.72 | 112.57 | Open to Flow (1) |
| 15 | 29.01 | 113.73 | Shut-In(1) |
| 46 | 64.31 | 114.40 | End Shut-In(1) |
| 46 | 30.46 | 114.40 | Open To Flow (2) |
| 67 | 32.12 | 114.75 | Shut-In(2) |
| 69 | 2492.43 | 115.18 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 10.00 | mud 100m | 0.05 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Carmen Schmitt, Inc
 PO Box 47
 Great Bend, KS 67530
 ATTN: Brad Rine

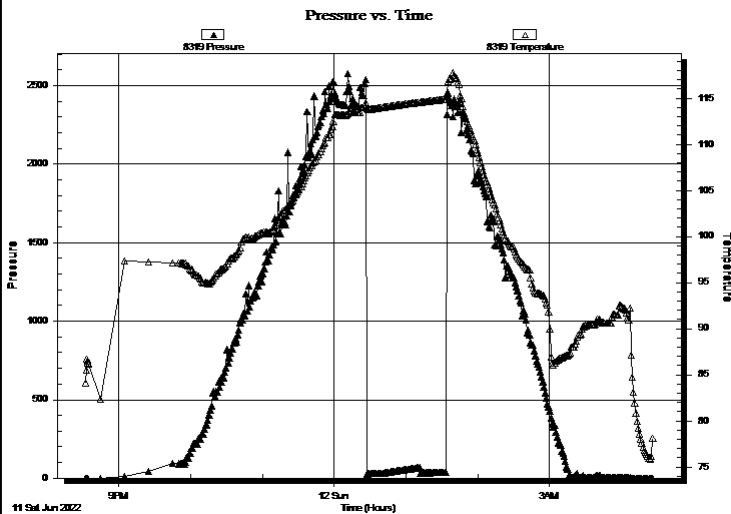
18 28s 25w Ford,KS
Post-Humburg #1
 Job Ticket: 68110 **DST#: 2**
 Test Start: 2022.06.10 @ 20:31:55

GENERAL INFORMATION:

| | | | |
|---|----------------------|---------|---|
| Formation: Morrow | | | |
| Deviated: No Whipstock: | | ft (KB) | Test Type: Conventional Bottom Hole (Reset) |
| Time Tool Opened: 00:26:40 | | | Tester: Bradley Walter |
| Time Test Ended: 04:26:25 | | | Unit No: 78 |
| Interval: 5200.00 ft (KB) To 5249.00 ft (KB) (TVD) | | | Reference Elevations: 2677.00 ft (KB) |
| Total Depth: 5249.00 ft (KB) (TVD) | | | 2669.00 ft (CF) |
| Hole Diameter: 7.88 inches | Hole Condition: Good | | KB to GR/CF: 8.00 ft |

| | | | | | |
|-----------------------|---------------|-----------------|------------|---------------|------------|
| Serial #: 8319 | Inside | | | | |
| Press@RunDepth: | psig @ | 5201.00 ft (KB) | Capacity: | 8000.00 psig | |
| Start Date: | 2022.06.11 | End Date: | 2022.06.12 | Last Calib.: | 2022.06.12 |
| Start Time: | 20:32:05 | End Time: | 04:26:18 | Time On Btm: | |
| | | | | Time Off Btm: | |

TEST COMMENT: IF: 1/2" blow .
 IS: No return.
 FF: No blow .
 FS: Pulled test . 15-30-15-pulled test



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
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Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 10.00 | mud 100m | 0.05 |
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Gas Rates

| Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
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* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt, Inc
 PO Box 47
 Great Bend, KS 67530
 ATTN: Brad Rine

18 28s 25w Ford,KS
Post-Humburg #1
 Job Ticket: 68110 **DST#: 2**
 Test Start: 2022.06.10 @ 20:31:55

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 5000.00 ft | Diameter: 3.80 inches | Volume: 70.14 bbl | Tool Weight: 2500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 180.00 ft | Diameter: 2.25 inches | Volume: 0.89 bbl | Weight to Pull Loose: 90000.00 lb |
| | | | <u>Total Volume: 71.03 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 10.00 ft | | | String Weight: Initial 72000.00 lb |
| Depth to Top Packer: | 5200.00 ft | | | Final 72000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 49.00 ft | | | |
| Tool Length: | 79.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

Tool Description

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

| | | | | | |
|---------------------------|--------------|------|---------|---------|-------------------------------|
| Change Over Sub | 1.00 | | | 5171.00 | |
| Shut In Tool | 5.00 | | | 5176.00 | |
| Hydraulic tool | 5.00 | | | 5181.00 | |
| Jars | 5.00 | | | 5186.00 | |
| EM Tool | 3.00 | | | 5189.00 | |
| Safety Joint | 2.00 | | | 5191.00 | |
| Packer | 5.00 | | | 5196.00 | 30.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 5200.00 | |
| Stubb | 1.00 | | | 5201.00 | |
| Recorder | 0.00 | 8319 | Inside | 5201.00 | |
| Recorder | 0.00 | 8874 | Outside | 5201.00 | |
| Perforations | 12.00 | | | 5213.00 | |
| Change Over Sub | 1.00 | | | 5214.00 | |
| Drill Pipe | 31.00 | | | 5245.00 | |
| Change Over Sub | 1.00 | | | 5246.00 | |
| Bullnose | 3.00 | | | 5249.00 | 49.00 Bottom Packers & Anchor |
| Total Tool Length: | 79.00 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc
PO Box 47
Great Bend, KS 67530
ATTN: Brad Rine

18 28s 25w Ford,KS
Post-Humburg #1
Job Ticket: 68110 **DST#: 2**
Test Start: 2022.06.10 @ 20:31:55

Mud and Cushion Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-----------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | 0 deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | 0 ppm |
| Viscosity: 55.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 93.88 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 3050.00 ppm | | | |
| Filter Cake: 2.00 inches | | | |

Recovery Information

Recovery Table

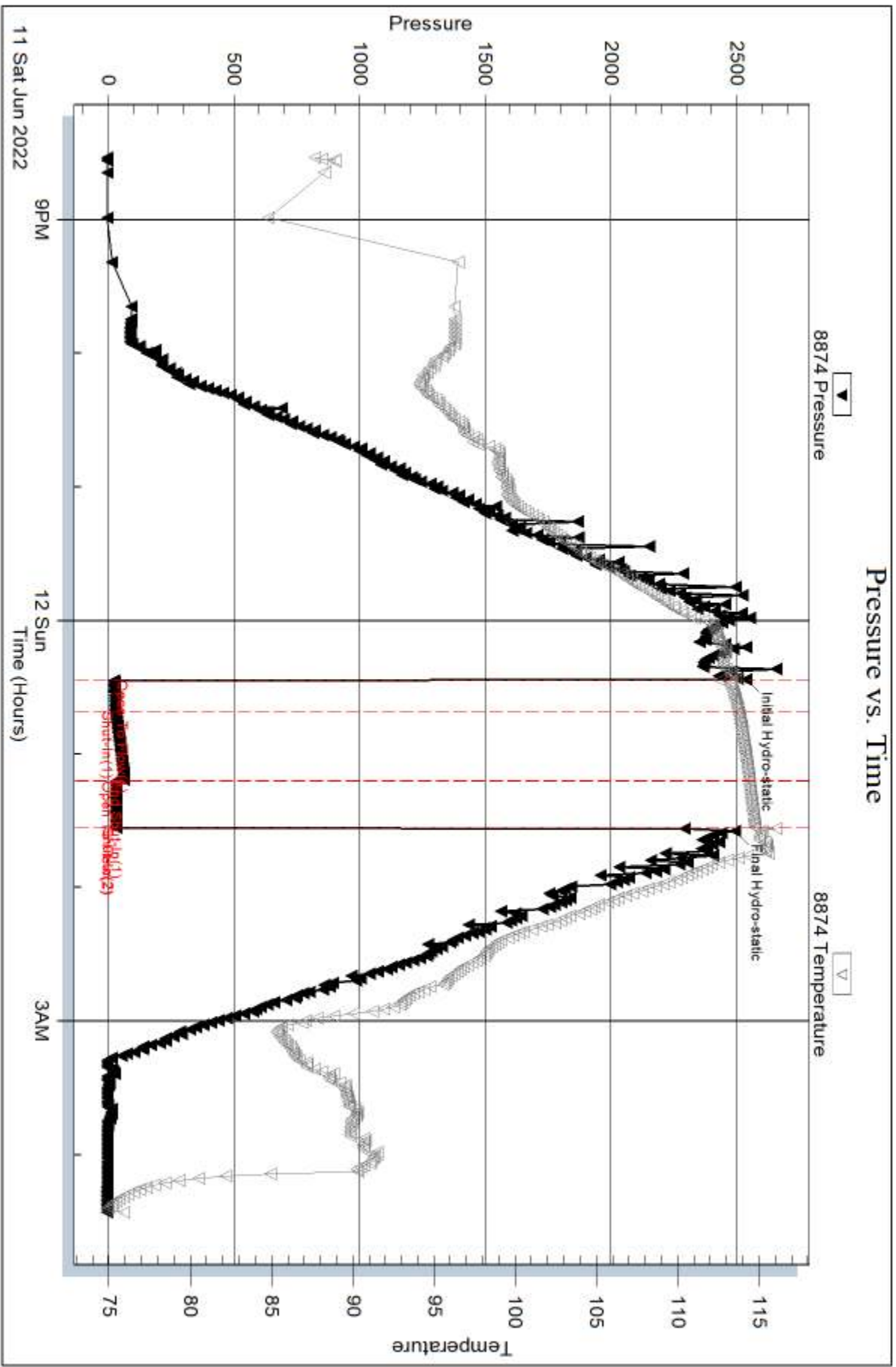
| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 10.00 | mud 100m | 0.049 |

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:



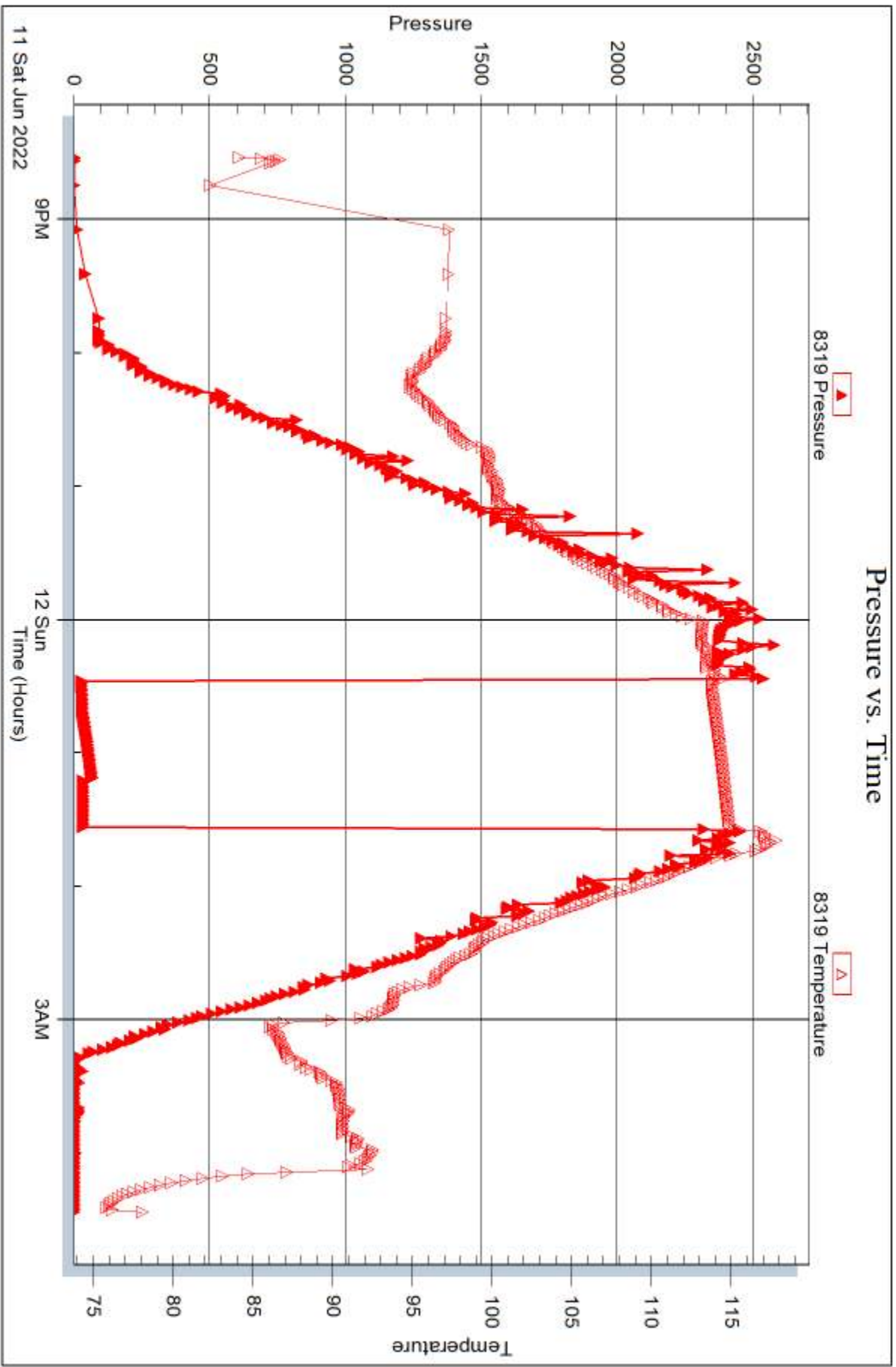
Serial #: 8319

Inside

Carmen Schmitt, Inc

Post-Hunburg #1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 68110

Printed: 2022.06.16 @ 11:49:16



DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Post-Humburg #1

18 28s 25w Ford,KS

Start Date: 2022.06.12 @ 21:45:00

End Date: 2022.06.13 @ 08:22:45

Job Ticket #: 68111 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.06.16 @ 11:48:42

Carmen Schmitt, Inc
18 28s 25w Ford,KS
Post-Humburg #1
DST # 3
Mississippian
2022.06.12



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Carmen Schmitt, Inc
 PO Box 47
 Great Bend, KS 67530
 ATTN: Brad Rine

18 28s 25w Ford,KS
Post-Humburg #1
 Job Ticket: 68111 **DST#: 3**
 Test Start: 2022.06.12 @ 21:45:00

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:59:45
 Time Test Ended: 08:22:45
 Interval: **5292.00 ft (KB) To 5330.00 ft (KB) (TVD)**
 Total Depth: 5330.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 2677.00 ft (KB)
 2669.00 ft (CF)
 KB to GR/CF: 8.00 ft

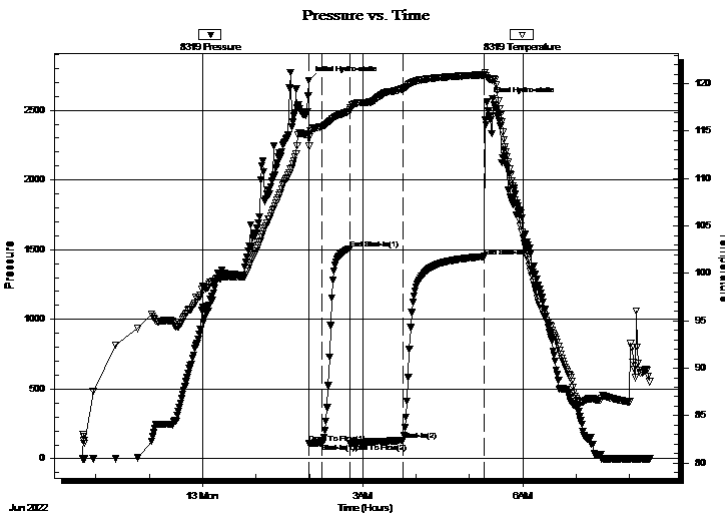
Serial #: 8319

Inside

Press@RunDepth: 131.66 psig @ 5293.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.06.12 End Date: 2022.06.13 Last Calib.: 2022.06.13
 Start Time: 21:45:05 End Time: 08:22:45 Time On Btm: 2022.06.13 @ 01:59:15
 Time Off Btm: 2022.06.13 @ 05:19:45

TEST COMMENT: IF: 3 3/4" blow .
 IS: No return.
 FF: 14 3/4" blow .
 IS: No return. 15-30-60-90

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2713.22 | 114.70 | Initial Hydro-static |
| 1 | 108.04 | 113.40 | Open To Flow (1) |
| 16 | 112.70 | 115.50 | Shut-In(1) |
| 46 | 1508.14 | 117.10 | End Shut-In(1) |
| 47 | 111.60 | 117.29 | Open To Flow (2) |
| 106 | 131.66 | 119.46 | Shut-In(2) |
| 198 | 1451.02 | 120.95 | End Shut-In(2) |
| 201 | 2564.17 | 120.65 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------|--------------|
| 120.00 | GSOWCM 5g 1o 39w 55m | 0.59 |
| 120.00 | GSOCM 25g 2o 73m | 1.14 |
| 0.00 | 60' GIP | 0.00 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt, Inc
PO Box 47
Great Bend, KS 67530
ATTN: Brad Rine

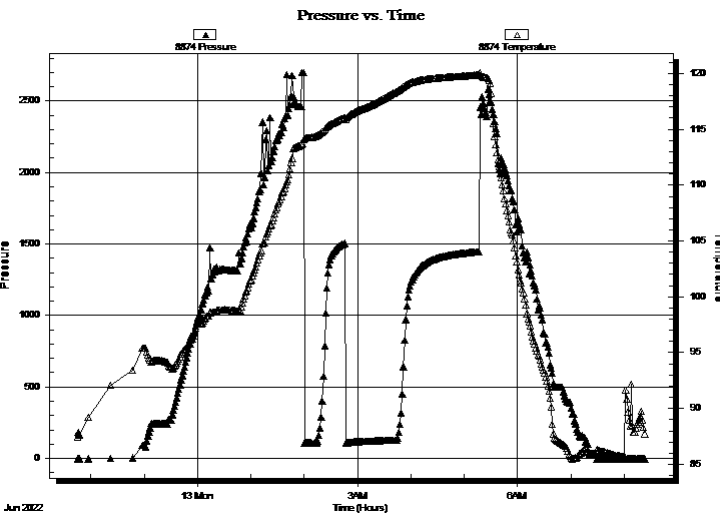
18 28s 25w Ford, KS
Post-Humburg #1
Job Ticket: 68111 **DST#: 3**
Test Start: 2022.06.12 @ 21:45:00

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 01:59:45 Tester: Bradley Walter
Time Test Ended: 08:22:45 Unit No: 78
Interval: 5292.00 ft (KB) To 5330.00 ft (KB) (TVD) Reference Elevations: 2677.00 ft (KB)
Total Depth: 5330.00 ft (KB) (TVD) 2669.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8874 Outside
Press@RunDepth: psig @ 5293.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2022.06.12 End Date: 2022.06.13 Last Calib.: 2022.06.13
Start Time: 21:45:05 End Time: 08:22:45 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 3 3/4" blow .
IS: No return.
FF: 14 3/4" blow .
IS: No return. 15-30-60-90



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
| | | | |
| | | | |
| | | | |
| | | | |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------|--------------|
| 120.00 | GSOWCM 5g 1o 39w 55m | 0.59 |
| 120.00 | GSOCM 25g 2o 73m | 1.14 |
| 0.00 | 60' GIP | 0.00 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt, Inc
 PO Box 47
 Great Bend, KS 67530
 ATTN: Brad Rine

18 28s 25w Ford,KS
Post-Humburg #1
 Job Ticket: 68111 **DST#: 3**
 Test Start: 2022.06.12 @ 21:45:00

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe: | Length: 5097.00 ft | Diameter: 3.80 inches | Volume: 71.50 bbl | Tool Weight: | 2500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: | 25000.00 lb |
| Drill Collar: | Length: 180.00 ft | Diameter: 2.25 inches | Volume: 0.89 bbl | Weight to Pull Loose: | 100000.0 lb |
| | | | <u>Total Volume: 72.39 bbl</u> | Tool Chased | 0.00 ft |
| Drill Pipe Above KB: | 15.00 ft | | | String Weight: Initial | 72000.00 lb |
| Depth to Top Packer: | 5292.00 ft | | | Final | 72000.00 lb |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 38.00 ft | | | | |
| Tool Length: | 68.00 ft | | | | |
| Number of Packers: | 2 | Diameter: | 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|-------------------------|--------------------|-------------------|-----------------|-------------------|-----------------------|
|-------------------------|--------------------|-------------------|-----------------|-------------------|-----------------------|

| | | | | | |
|-----------------|-------|------|---------|---------|-------------------------------|
| Change Over Sub | 1.00 | | | 5263.00 | |
| Shut In Tool | 5.00 | | | 5268.00 | |
| Hydraulic tool | 5.00 | | | 5273.00 | |
| Jars | 5.00 | | | 5278.00 | |
| EM Tool | 3.00 | | | 5281.00 | |
| Safety Joint | 2.00 | | | 5283.00 | |
| Packer | 5.00 | | | 5288.00 | 30.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 5292.00 | |
| Stubb | 1.00 | | | 5293.00 | |
| Recorder | 0.00 | 8319 | Inside | 5293.00 | |
| Recorder | 0.00 | 8874 | Outside | 5293.00 | |
| Perforations | 34.00 | | | 5327.00 | |
| Bullnose | 3.00 | | | 5330.00 | 38.00 Bottom Packers & Anchor |

Total Tool Length: 68.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc
 PO Box 47
 Great Bend, KS 67530
 ATTN: Brad Rine

18 28s 25w Ford,KS
Post-Humburg #1
 Job Ticket: 68111 **DST#: 3**
 Test Start: 2022.06.12 @ 21:45:00

Mud and Cushion Information

| | | |
|----------------------------------|----------------------------|---------------------------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: 0 deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: 31000 ppm |
| Viscosity: 51.00 sec/qt | Cushion Volume: bbl | |
| Water Loss: 8.38 in ³ | Gas Cushion Type: | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | |
| Salinity: 2700.00 ppm | | |
| Filter Cake: 2.00 inches | | |

Recovery Information

Recovery Table

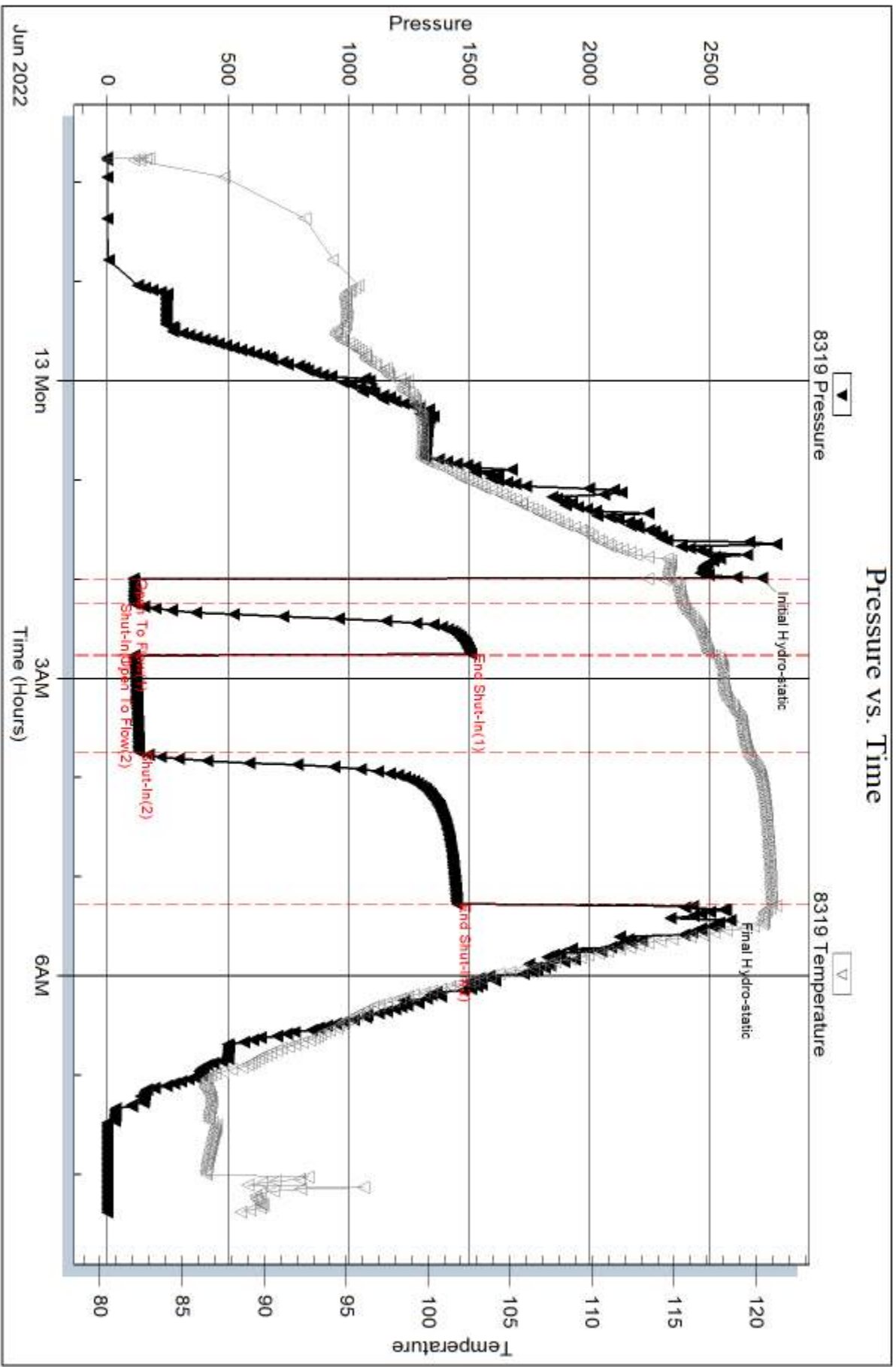
| Length ft | Description | Volume bbl |
|--------------|----------------------|---------------|
| 120.00 | GSOWCM 5g 1o 39w 55m | 0.590 |
| 120.00 | GSOCM 25g 2o 73m | 1.137 |
| 0.00 | 60' GIP | 0.000 |

Total Length: 240.00 ft Total Volume: 1.727 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: rw is .192 @ 81F= 31000ppm

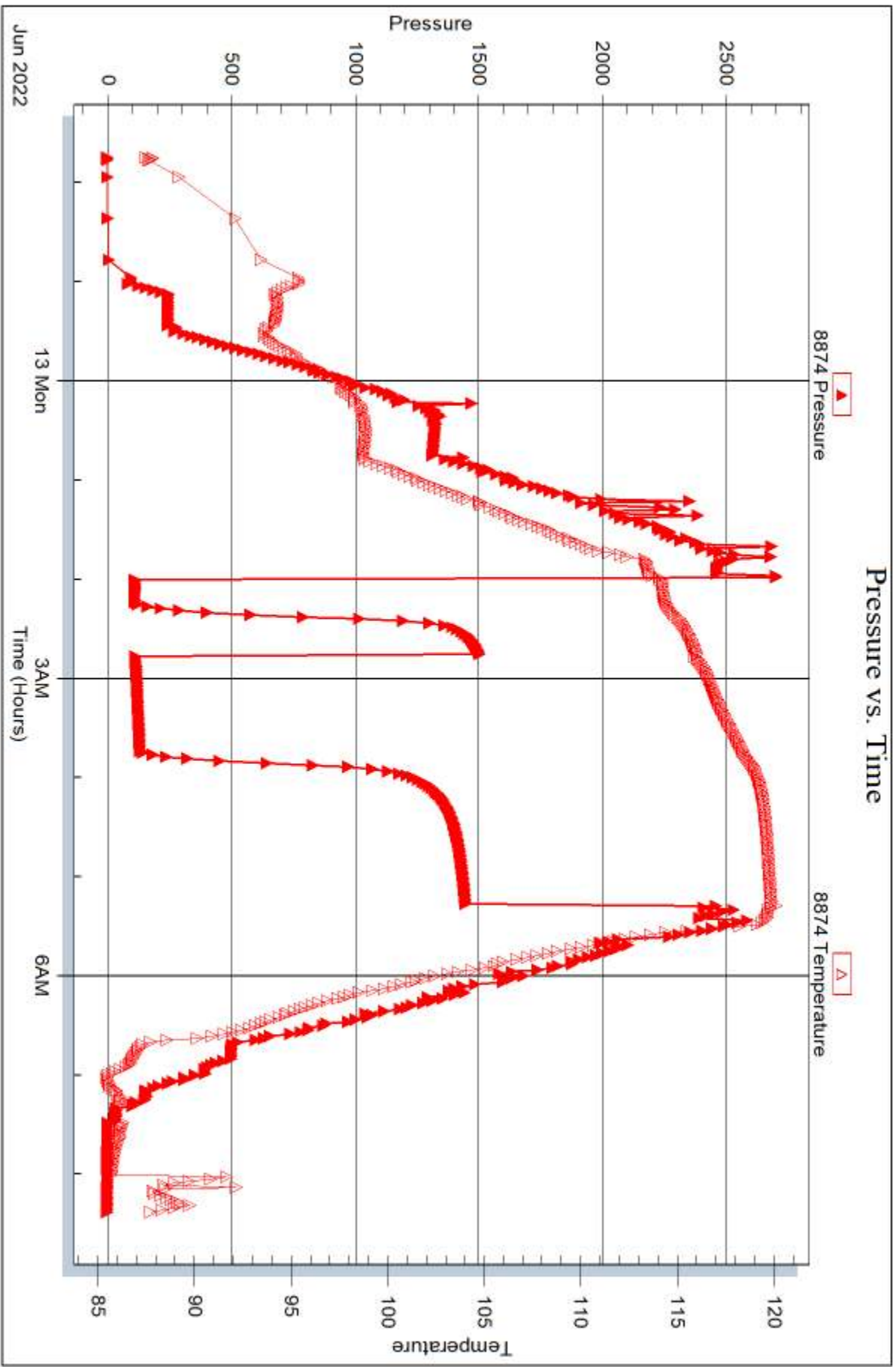


Serial #: 8874

Outside Carmen Schmitt, Inc

Post-Humburg #1

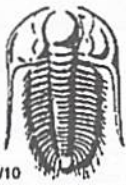
DST Test Number: 3



Triobite Testing, Inc

Ref. No: 68111

Printed: 2022.06.16 @ 11:48:45



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68109

Well Name & No. Post-Humburg #1 Test No. 1 Date 6/10/2022
 Company Carmen Schmitt Inc Elevation 2677 KB 2669 GL
 Address PO Box 47 Great Bend Ks
 Co. Rep / Geo. Brad Rine Rig Mud-Lin 114
 Location: Sec. 19 Twp 28s Rge. 25W Co. Ford State Ks

Interval Tested 5010-5076 Zone Tested Pavnee
 Anchor Length 66' Drill Pipe Run 4810 Mud Wt. 9.2
 Top Packer Depth 5005 Drill Collars Run 180 Vis 51
 Bottom Packer Depth 5010 Wt. Pipe Run Ø WL 8.4
 Total Depth 5076 Chlorides 2700 ppm System LCM 2[#]

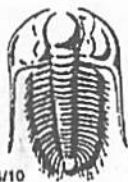
Blow Description IF 1 3/4" blow
ISI No return
FF 2 1/4" blow
FSI No return

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|------------------|------|------|-----------|-----------|
| <u>180</u> | <u>mcw</u> | | | <u>60</u> | <u>40</u> |
| | <u>oil spots</u> | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Rec Total 180 BHT 118 Gravity — API RW 203@ 86 °F Chlorides 26000 ppm

(A) Initial Hydrostatic 2500 Test 2150 T-On Location 0215
 (B) First Initial Flow 38 Jars 300 T-Started 0544
 (C) First Final Flow 65 Safety Joint _____ T-Open 0948
 (D) Initial Shut-In 1502 Circ Sub _____ T-Pulled 1234
 (E) Second Initial Flow 70 Hourly Standby 1.25h 125 T-Out 1528
 (F) Second Final Flow 113 Mileage 171rt 256.50 Comments Stayed in Dodge 3 Nights
 (G) Final Shut-In 1483 Sampler _____
 (H) Final Hydrostatic 2414 Straddle _____
 Shale Packer 250 EM Tool _____
 Extra Packer _____ Ruined Shale Packer _____
 Extra Recorder _____ Ruined Packer _____
 Day Standby _____ Extra Copies _____
 Accessibility _____ Sub Total 0
 Sub Total 3081.50 Total 3081.50
 MP/DST Disc't _____

Approved By _____ Our Representative _____
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68110

Well Name & No. Post Homburg #1 Test No. 2 Date 6/12/2022
 Company Carmen Schmitt, Inc Elevation 2677 KB 2669 GL
 Address PO Box 47 Great Bend, Ks
 Co. Rep / Geo. Brad Rine Rig Mutan 114
 Location: Sec. 19 Twp 28s Rge. 25w Co. Ford State Ks

Interval Tested 5200 - 5249 Zone Tested Momon
 Anchor Length 49 Drill Pipe Run 5,000 Mud Wt. 9.2
 Top Packer Depth 5295 Drill Collars Run 180 Vis 55
 Bottom Packer Depth 5200 Wt. Pipe Run — WL 9.4
 Total Depth 5249 Chlorides 3050 ppm System LCM 2#

Blow Description IF 1/2" blow
ISI No return.
FF No blow
FSI Pulled Test

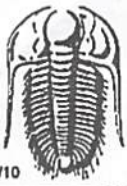
| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|------------|------|------|------------|------|
| <u>10</u> | <u>mud</u> | | | <u>100</u> | |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |

Rec Total 10 BHT 115 Gravity — API RW — @ —°F Chlorides — ppm

| | | |
|-------------------------------------|--|---|
| (A) Initial Hydrostatic <u>2535</u> | <input checked="" type="checkbox"/> Test <u>2150</u> | T-On Location <u>1900</u> |
| (B) First Initial Flow <u>24</u> | <input checked="" type="checkbox"/> Jars <u>300</u> | T-Started <u>2032</u> |
| (C) First Final Flow <u>29</u> | <input checked="" type="checkbox"/> Safety Joint | T-Open <u>0027</u> |
| (D) Initial Shut-In <u>64</u> | <input type="checkbox"/> Circ Sub | T-Pulled <u>0112</u> |
| (E) Second Initial Flow <u>30</u> | <input type="checkbox"/> Hourly Standby | T-Out <u>0426</u> |
| (F) Second Final Flow <u>32</u> | <input checked="" type="checkbox"/> Mileage <u>194 RT</u> 256.50 | Comments |
| (G) Final Shut-In <u>—</u> | <input type="checkbox"/> Sampler | |
| (H) Final Hydrostatic <u>2492</u> | <input type="checkbox"/> Straddle | <input checked="" type="checkbox"/> EM Tool <u>-350</u> |
| Initial Open <u>15</u> | <input checked="" type="checkbox"/> Shale Packer <u>250</u> | <input type="checkbox"/> Ruined Shale Packer |
| Initial Shut-In <u>30</u> | <input type="checkbox"/> Extra Packer | <input type="checkbox"/> Ruined Packer |
| Final Flow <u>15</u> | <input type="checkbox"/> Extra Recorder | <input type="checkbox"/> Extra Copies |
| Final Shut-In <u>Roll</u> | <input type="checkbox"/> Day Standby | Sub Total <u>-350</u> |
| | <input type="checkbox"/> Accessibility | Total <u>2606.50</u> |
| | Sub Total <u>2956.50</u> | MP/DST Disc't |

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged or any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68111

Well Name & No. Post-Humburg #1 Test No. 3 Date 6/13/2022
 Company Carmen Schmitt, Inc Elevation 2677 KB 2669 GL
 Address PO Box 47 Great Bend KS
 Co. Rep / Geo. Brad Rine Rig Mufun 114
 Location: Sec. 19 Twp 28s Rge. 25w Co. Ford State Ks

Interval Tested 5292-5330 Zone Tested Mississippian
 Anchor Length 38' Drill Pipe Run 5093 Mud Wt. 9.2
 Top Packer Depth 5287 Drill Collars Run 180 Vis 58
 Bottom Packer Depth 5292 Wt. Pipe Run — WL 8.0
 Total Depth 5330 Chlorides 2800 ppm System LCM 2#
 Blow Description IF 3 3/4" blow
ISI No return
FF 14 3/4" blow
FSI No return

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----|---------|------|------|--------|------|
| 120 | 650cm | 25 | 2 | 73 | |
| 120 | 650wcm | 5 | 1 | 39 | 55 |
| | 60' GIP | | | | |
| | | | | | |
| | | | | | |

Rec Total 240 BHT 121 Gravity — API RW .191 @ 81 °F Chlorides 31000 ppm

| | | |
|-------------------------------------|--|---|
| (A) Initial Hydrostatic <u>2713</u> | <input checked="" type="checkbox"/> Test <u>2150</u> | T-On Location <u>2045</u> |
| (B) First Initial Flow <u>108</u> | <input checked="" type="checkbox"/> Jars <u>300</u> | T-Started <u>2145</u> |
| (C) First Final Flow <u>112</u> | <input checked="" type="checkbox"/> Safety Joint | T-Open <u>0202</u> |
| (D) Initial Shut-In <u>1508</u> | <input type="checkbox"/> Circ Sub | T-Pulled <u>0517</u> |
| (E) Second Initial Flow <u>111</u> | <input checked="" type="checkbox"/> Hourly Standby | T-Out <u>0822</u> |
| (F) Second Final Flow <u>131</u> | <input checked="" type="checkbox"/> Mileage <u>194 RT x2</u> 513 | Comments |
| (G) Final Shut-In <u>1451</u> | <input type="checkbox"/> Sampler | |
| (H) Final Hydrostatic <u>2564</u> | <input type="checkbox"/> Straddle | <input checked="" type="checkbox"/> EM Tool <u>-350</u> |
| Initial Open <u>15</u> | <input checked="" type="checkbox"/> Shale Packer <u>250</u> | <input type="checkbox"/> Ruined Shale Packer |
| Initial Shut-In <u>30</u> | <input type="checkbox"/> Extra Packer | <input type="checkbox"/> Ruined Packer |
| Final Flow <u>60</u> | <input type="checkbox"/> Extra Recorder | <input type="checkbox"/> Extra Copies |
| Final Shut-In <u>90</u> | <input type="checkbox"/> Day Standby | Sub Total <u>-350</u> |
| | <input type="checkbox"/> Accessibility | Total <u>2863</u> |
| | Sub Total <u>3213</u> | MP/DST Disc't |

Approved By _____ Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.