

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
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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) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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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>

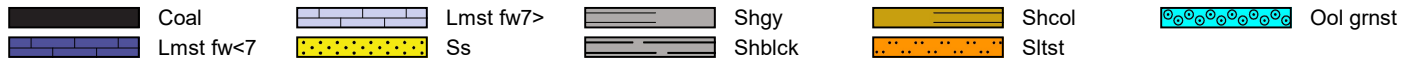
TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Darrah Oil Company, LLC
Well Name	YOUNKIN 2-35
Doc ID	1596190

All Electric Logs Run

dual induction
sonic
micro
porosity

ROCK TYPES



ACCESSORIES

MINERAL

△ Chert White

OTHER SYMBOLS

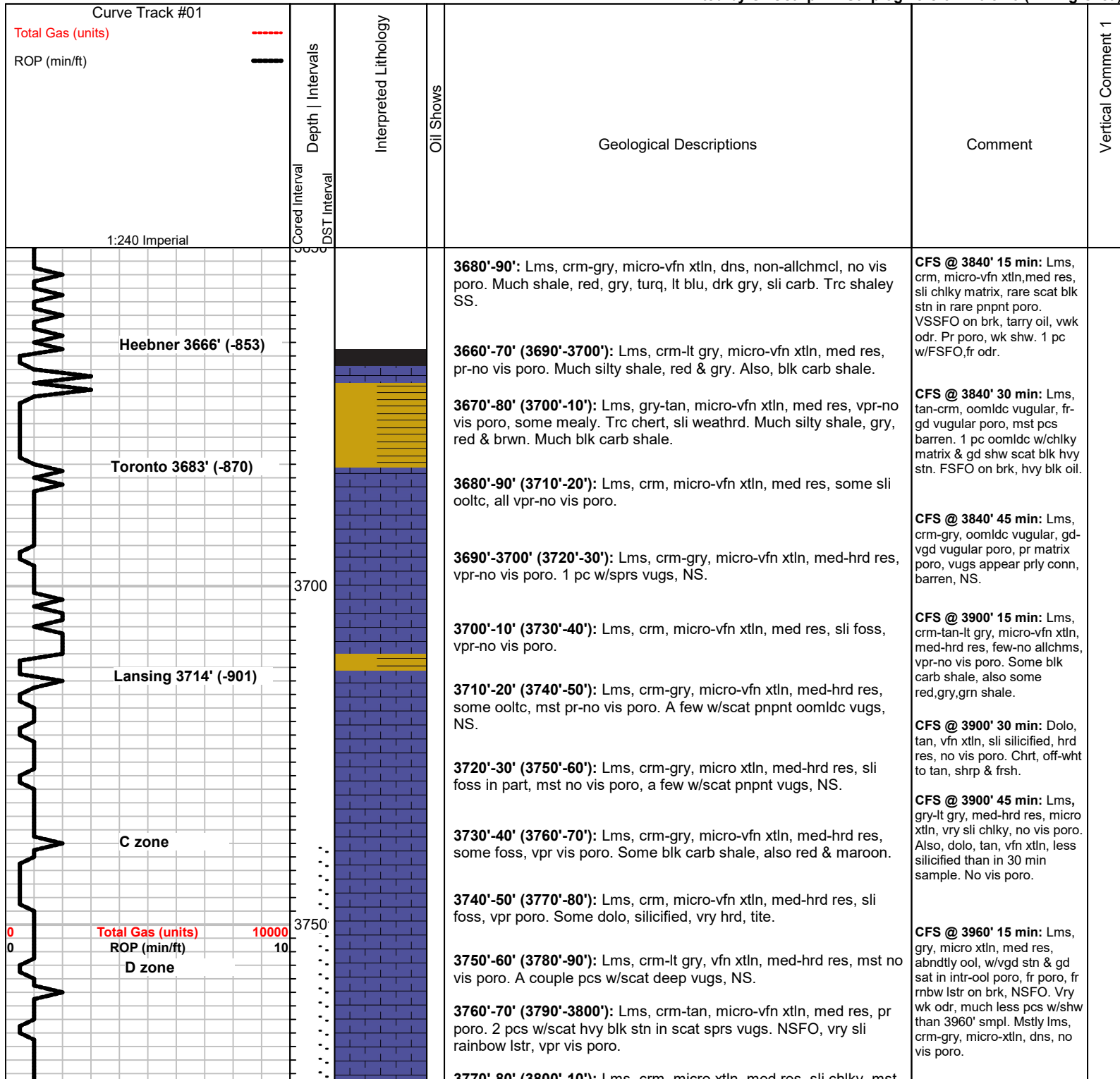
OIL SHOWS

- Even Stn
- Spotted Stn 50 - 75 %
- Spotted Stn 25 - 50 %
- Spotted Stn 1 - 25 %
- Questionable Stn
- D Dead Oil Stn
- Fluorescence

INTERVALS

- Core
- DST

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)



E zone

F zone

G zone

Switched to button bit @ 3840'

CFS

3850

CFS 3900

3950

CFS

Stark 3966' (-1153)

CFS

3770'-80' (3800'-10'): Lms, crm, micro xtn, med res, sli chky, mst vpr-no vis poro. A couple pcs w/vry rare scat hvy blk stn in rare pnpnt poro. Sli rainbw lstr on brk.NSFO.

3780'-90' (3810'-20'): Lms, crm, vfn xtn, med res, pr poro, gd blk stn in rare scat pnpnt vugs, SSFO, hvy blk oil on brk, wk odr. Some ooltc lms, gry, abndt rnd ooids, mst tite.

3790'-3800' (3820'-30'): No sample

3800'-10' (3830'-40'): Lms, crm, micro xtn, sft-med res, non-allchmcl. Several pcs w/rare scat hvy blk stn in pnpnt poro. Trc stky FO. Mstly vpr vis poro.

3850'-60': Lms, crm to off-wht, much chlky. Some, fn-med xtn, non-chlky, all sft-med res, vpr-no vis poro.

(3840'-50'): Trip trash

3840'-50' (3860'-70'): Lms, crm-lt gry, micro-vfn xtn, med res, mstly non-allchmcl, dns, a few med xtn, as abv. All vpr-no vis poro.

3850'-60' (3870'-80'): Lms, off-wht, chlky, sft & lms, lt gry, micro xtn, med res, mstly non-allchmcl, occ pyrite inclsn. All dns, w/vpr-no vis poro.

3860'-70' (3780'-90'): Lms, crm-lt gry, micro xtn, med res, dns, mstly vpr-no vis poro. Some blk carb shale.

3870'-80' (3890'-3900'): Lms, gry-lt gry, micro-vfn xtn, med res, dns, vpr-no vis poro. 1 pc tan ooltc lms w/scat lv blk stn btw ooids, SSFO, blk hvy oil on brk, poss slough?

3880'-90' (3900'-10'): Lms, crm-lt gry, micro-vfn xtn, med-hrd res, dns, mstly non-allchmcl, vpr-novis poro. Some tan dolo as abv. A few pcs chrt, gry, shrp & frsh.

3890'-3900' (3910'-20'): Lms, crm-gry, micro-vfn xtn, med res, some crm sli chlky, some gry, sli allchmcl. Much dolo, tan, fn xtn, dns. All vpr-no vis poro.

3900'-10' (3920'-30'): Lms, crm-gry, micro xtn, med-hrd res, mstly crm, dns lms, non-allchmcl. 1 pc w/rare scat pnpnts lv blk stn, trc brwn FO on brk. Vpr poro. Some sndy/silty shale, red grn and blk carb.

3910'-20' (3930'-40'): Lms, crm, tan, gry, micro-vfn xtn, med-hrd res, dns, mstly non-allchmcl, vpr-no vis poro. 1 pc micro-xtn lms, w/gd scat lv blk stn in abndt pnpnt intr-xtn vugs, trc FO, lt brwn oil on brk. No odr.

3920'-30' (3940'-50'): A few pcs lms, off-wht, ooltc & vry sli foss, micro-xtn, chlky matrix, w/gd even to scat blk stn in pnpnt intr-ool poro, pr-fr poro, trc FO. Vry wk odr. Mstly dns lms as abv.

3930'-40' (3950'-60'): Lms, crm, micro-vfn xtn, med-hrd res, some pcs have dns micro-xtn, matrix w/scat fr lv blk stn in pnpnt poro. Several pcs gry, abndtly ool to foss, w/vgd even lv blk stn in intr-ool vugs, fr vis poro, VSSFO, stky blk oil, fr odr. Mstly dns dolo as abv.

3950'-60' (3960'-70'): Shale, gry, grn, brwn, maroon.

3960'-70' (3970'-80'): Blk carb shale, also, gry, grn, & red/maroon shale. Much lms, crm-lt gry, micro-vfn xtn, med res, vpr-no vis poro.

3970'-80': (3980'-90'): Lms, lt gry to crm, micro-vfn xtn, med res, mstly non-allchmcl, no vis poro. A few pcs w/shw. FSFO, sli gssy on brk. Much shale in smpl.

3980'-90' (3990'-4000'): Lms, lt gry-crm, micro xtn, med-hrd res, mst non-allchmcl, vpr-no vis poro.

CFS @ 3960' 30 min: Lms, crm-lt gry, micro-vfn xtn, med-hrd res, mst less ool, & less poro than 3960' smpl. Mst have dns matrix and fr lv stn in scat deep intr-xtn vugs. A few pcs abdtly ool, & sli foss, w/gd even lv blk stn as abv. NSFO. Pr-fr poro.

CFS @ 3960' 45 min: Mstly lms, gry-crm, micro-vfn xtn, dns, non-allchmcl, no vis poro. Some lms, off-wht semi-ooltc, w/chlky matrix, fr scat sptd lv stn in intr-ool pnpnt poro, VSSFO on brk.

CFS @ 3985' 15 min: Lms, crm, micro xtn, brtl-med res, semi-ooltc to sli foss, fr poro, fr scat lv stn in intr-ooltc pnpnt poro, SSFO on brk, brwn oil, fr mbw lstr, fr odr. Smpl mstly shales.

CFS @ 3985' 30 min: Lms, gry, micro-vfn xtn, brtl-med res, some hrd res, ooltc w/many small rnd ooids, scat lv stn in pnpnt intr-ool poro, pr-fr poro, matrix sli chlky, sli-FSFO, brwn oil, gd odr. Pr qual smpl, mstly shale.

CFS @ 3985' 45 min: Lms, lt gry, micro-vfn xtn, brtl-med res, ooltc to sli foss, sli chlky matrix, fr poro, fr scat lv stn in intr-ooltc intr-xtn pnpnt poro, fr sat, SSFO & fr mbw lstr on brk, fr odr.

CFS @ 4010' 15 min: Lms, crm-lt gry, micro-xtn, med res, mstly non-allchmcl, vpr-no vis poro. Some chrt, lt gry, shrp & frsh.

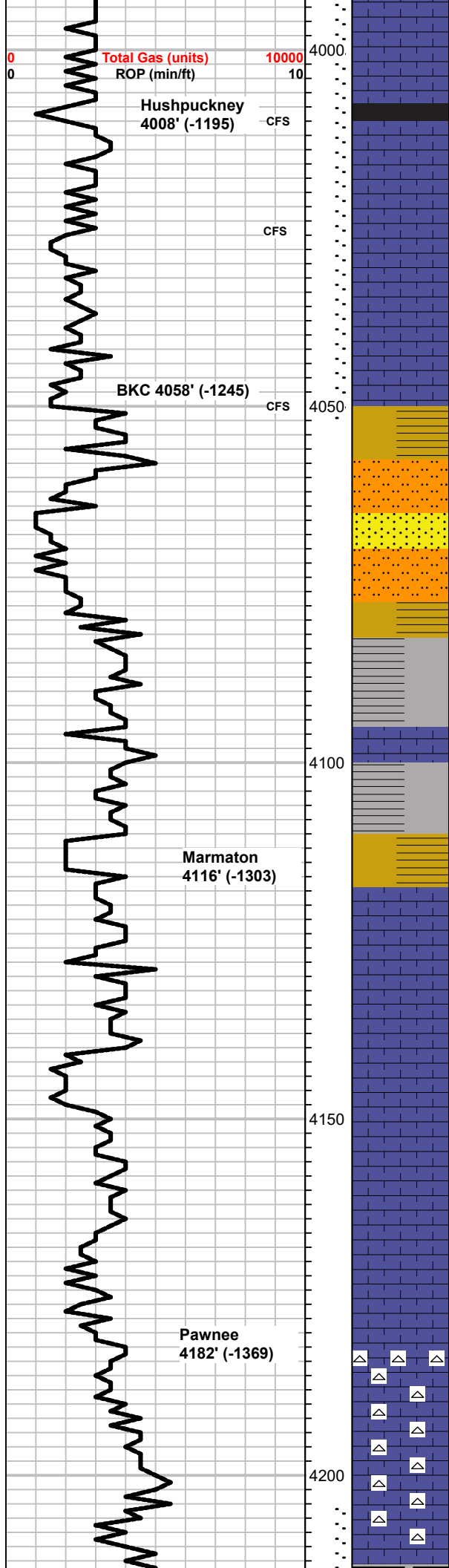
CFS @ 4010' 30 min: Blk carb shale, brtl. Mstly lms, lt gry, micro xtn, med res, non-allchmcl, no vis poro. Some lt gry chrt as abv, shrp & frsh, sli foss.

CFS @ 4025' 15 min: Lms, tan-gry, micro-vfn xtn, med-hrd res, some sli ratty, w/scat inclsns, vpr-no vis poro.

CFS @ 4025' 30 min: Lms, tan-gry, med res, vfn-fn xtn, abndtly ooltc, non-vugular, mst vpr-no vis poro. 1 pc w/rare scat lv brwn stn in pnpnt poro, pr sat, VSSFO, pr poro. A few pcs dolo, tan, vfn xtn, hrd, tite, sli silicified.

CFS @ 4025' 45 min: Lms, gry, tan, some drk brwn, vfn-fn xtn, hrd res, mst few-no vis allchms. Some ooltc lms as abv. All vpr-no vis poro.

CFS @ 4050' 15 min: Lms, tan-gry, micro-vfn xtn, hrd res, few-no vis allchms, no vis poro. Some crm lms, chlky as abv.



3990'-4000' (4000'-10'): Lms, crm-lt gry, micro-vfn xtlm, med res, mstly non-allchmcl, vpr-no vis poro.

4000'-10' (4010'-20'): Lms, crm-lt gry, micro xtlm, mst non-allchmcl, no vis poro. Much chrt, lt gry, mstly frsh, foss. Some blk carb shale as abv.

4010'-20' (4025'-30'): Lms, vfn xtlm, tan-gry-brwn, mst mottled-sli ratty, sli ooltc, med-hrd res, vpr-no vis poro.

4020'-30' (4030'-40'): Lms, crm-gry, micro-fn xtlm, some chlky, med-hrd res, all vpr-no vis poro.

4030'-40' (4040'-50'): Lms, crm to off-wht, chlky, sft-med res. Also, lms, gry-tan, fn xtlm, hrd res, all few-no allchms, and all vpr-no vis poro.

4040'-50' (4050'-60'): Shale, brwn/maroon, grn, gry, blk. Some SS, gry-drk gry, fn-med grnd, mod srted, sub-rnd to rnd qtz, shaley matrix, some snyd shale, all pr vis poro, NS.

4050'-60' (4060'-70'): Lms, crm-lt gry, micro-xtlm, hrd res, no vis poro, mst non-allchmcl. Some shale, gry, red, etc.

4060'-70' (4070'-80'): Shale, gry-drk gry, red, maroon, trc grn & blk. Some SS, lt gry trc maroon, vfn grnd, sft-fri, shaley matrix, pr-fr poro, NS. Some xtlm pyr.

4070'-80' (4080'-90'): Shaley SS, sft-med res, fri, vfn grnd, vry shaley matrix, pr-fr vis poro. 1 clst SS, clr, med grn, rnd qtz, well srted, hrd res. All NS. Some, gry, blk, grn & maroon shale.

4080'-90' (4090'-4100'): Lms, crm-tan, micro-vfn xtlm, med-hrd res, some w/vis allchms, poss sli foss, vpr-no vis poro. A couple pcs xtlm pyr.

4090'-4100' (4100'-10'): Lms, tan, micro-xtlm, med-hrd res, few vis allchms, a few pcs, ooltc w/rare scat pnprt poro btw ooids. 1 pc w/scat uneven lt brwn stn in intr-ooltc poro. Sli volitile odr.

4100'-10' (4110'-20'): Lms, tan, some crm, vfn-fn xtlm, med res, abndtly ooltc, rough txt, pr vis poro. A few ooltc pcs w/grn glauc inclusn, and several w/scat blk asphalt stn in fractures, wk cut, & blm. NSFO, no odr.

4110'-20' (4120'-30'): Lms, gry, crypto-micro xtlm, hrd res, non-allchmcl, no vis poro. Mstly ooltc lms, as abv, pr poro, NS.

4120'-30' (4130'-40'): Shale, much blk carb, hrdres, some gry & red. Mstly lms, crm to gry, vfn xtlm, med-hrd res, few allchms, dns, vpr-no vis poro.

4130'-40' (4140'-50'): Silty shale, maroon. Also, gry shale. Much lms, tan, micro-vfn xtlm, dns, no vis poro.

4140'-50' (4150'-60'): Lms, crm-lt gry, fn xtlm, hrd res, dns, a few partially ooltc. All vpr-no vis poro.

4150'-60' (4160'-70'): Lms, gry-crm. Gry lms, crypto-micro xtlm, hrd res, no vis allchms. Also lms, crm, vfn-fn xtlm, med-mst hrd res, a few vis allchms. All vpr-no vis poro.

4160'-70' (4170'-80'): Lms, gry, some crm, micro-vfn xtlm, med-hrd res, few vis allchms, vpr-no vis poro. Trc chrt, gry, shrp & frsh.

4170'-80' (4180'-90'): Lms, gry, vfn xtlm, hrd res, bmpy txt, non-allchmcl. Also, some lms, crm, sli chlky, all no vis poro. A few pcs chrt, gry/brwn, shrp & frsh, a few pcs silicified lms, vry hrd res. Some blk carb shale and a few pcs gry grn & maroon shale.

4180'-90' (4190'-4200'): Lms, gry, micro-xtlm, hrd res, vfew to no allchms, no vis poro.

4190'-4200' (4200'-10'): Lms, gry to brwn, crypto-micro xtlm, hrd res, dns, few-no vis allchms, no vis poro. A few pcs chrt, drk gry to blk, shrp & frsh.

4200'-10' (4210'-20'): Lms, gry, micro-vfn xtlm, hrd res, vfew to no vis allchms, no vis poro. Some chrt, drk gry to blk, shrp & frsh. Some blk carb shale.

4210'-20' (4220'-30'): Lms, gry, crypto-micro xtlm, hrd res. Some lms, crm

CFS @ 4050' 30 min: Lms, crm-tan to off-wht, micro-xtlm, sft-med res, non-allchmcl. Also, lms, lt gry, micro-xtlm, hrd res, no vis allchms, all no vis poro.

CFS @ 4050' 45 min: Lms, crm-lt gry, some tan, micro-vfn xtlm, med-hrd res, some crm-lt gry sli chlky, all vpr-no vis poro.

CFS @ 4115' 15 min: Lms, tan-lt gry, micro-vfn xtlm, med-hrd res, sli allchmcl, vpr-pr vis poro mst pcs, a few pcs sli ooltc, tan, w/rare scat pnprt vugs, pr poro, NS.

CFS @ 4115' 30 min: Lms, tan-lt gry, some crm, fn xtlm, ooltc to sli foss, med-hrd res, rough txt, a few w/rare sprs oomldc vugs, pr vis poro, NS. A few pcs sli shaley colored matrix.

CFS @ 4125' 15 min: Lms, tan-crm, vfn-fn xtlm, med res, abndtly ooltc, sli rough txt, pr vis poro. NS.

CFS @ 4125' 30 min: Lms, gry, micro-vfn xtlm, med-hrd res, non-allchmcl, dns, no vis poro. Much tan ooltc lms, as abv, pr poro, NS. Increase in shales, gry, maroon, etc.

CFS @ 4125' 45 min: Lms, sli shaley, gry, crypto-micro xtlm, hrd res, non-allchmcl, no poro. Mstly, lms, tan-crm fn xtlm, ooltc, rough txt, pr poro, NS. Some grn, gry, blk, & maroon shales.

CFS @ 4135' 15 min: Lms, gry, micro-vfn xtlm, sli shaley, hrd res, some mottled w/prpl tint, few-no vis allchms. Much lms, tan-crm, fn xtlm, sli ooltc, all vpr-no vis poro. Shales, as abv.

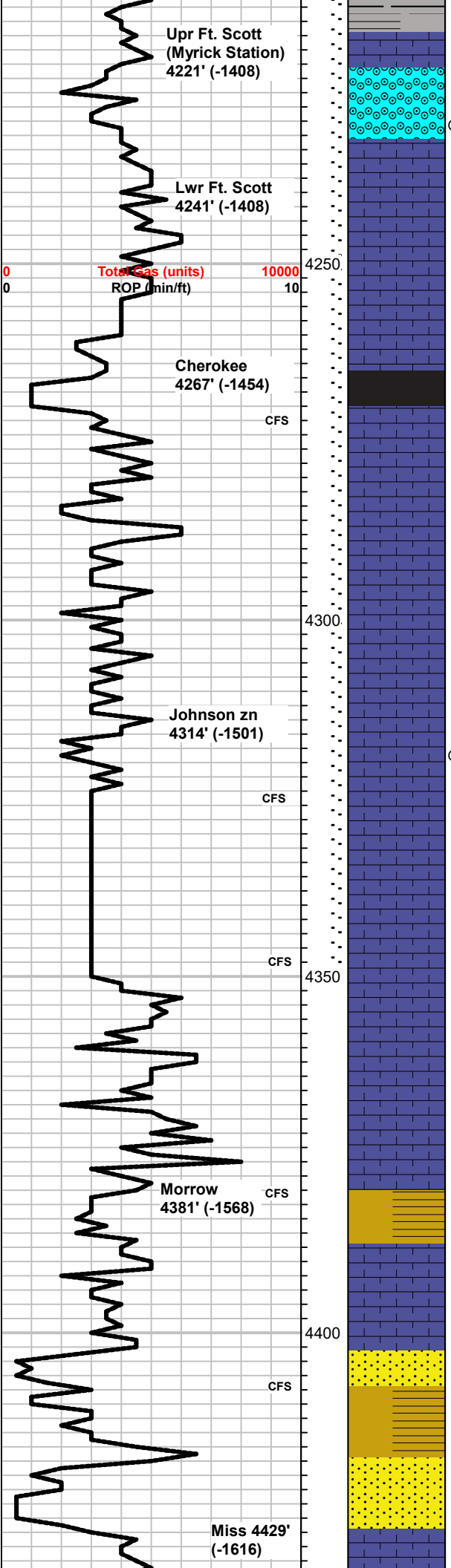
CFS @ 4135' 30 min: Lms, gry-tan, micro-vfn xtlm, med-hrd res, some w/sprs allchms, all vpr-no vis poro.

CFS @ 4135' 45 min: Shale, gry, maroon, grn, red. Much lms, sli shaley, gry, micro-vfn xtlm, hrd res, non-allchmcl, no vis poro.

CFS @ 4160' 15 min: Lms, lt gry-crm, micro-vfn xtlm, med-hrd res, some w/scat allchms, all vpr-no vis poro.

CFS @ 4160' 30 min: Lms, gry-crm, some tan. Gry lms is hrd res, crypto-micro xtlm, few-no vis allchms. Crm lms, micro-xtlm med res, chlky, no vis allchms. Tan lms, vfn-fn xtlm, some allchms, med-hrd res. All vpr-no vis poro.

CFS @ 4160' 45 min: Lms, crm to lt gry, micro-fn xtlm, hrd res, few w/vis allchms,



4210'-20' (4220'-30'): Lms, gry, crypto-micro xtl, hrd res. Some lms, crm, sli chlky, mst no vis poro. Much chrt, gry, shrp & frsh, some foss. A couple small pcs lms, lt gry/crm, micro-vfn xtl, sft-med res, w/rare lt scat lv stn in pnpnt intr-xtln pnpnt poro, 1 pc w/vry shallow vug, SSFO, drk brwn oil on brk, no odr. Apperant pr poro in these pcs. Wk shw.

4220'-30' (4230'-40'): Lms, crm, micro-xtln, sli chlky, sft-med res. Mstly, lms, gry, crypto-micro xtl, hrd-vhrd res, no vis poro. A few pcs lms, gry, micro-xtln, w/scat lt lv stn in sprs intr-xtln poro. Some fn-med xtln grwth in poss vry shallow vugs, pr poro. SSFO, wk shw. Some blk carb shale in smpl.

4230'-40' (4240'-50'): Lms, gry-tan, micro xtl, hrd res, sli silicified, mst non-allchmcl, no vis poro. Much chrt, gry to drk brwn, shrp & frsh. Some blk carb shale.

4240'-50' (4250'-60'): Lms, cyrpto-micro xtl, hrd res, few-no vis allchms, no vis poro. Some blk carb shale.

4250'-60' (4260'-70'): Lms, drk gry, crypto-micro xtl, vhrd res, mstly non-allchmcl, no vis poro. Trc chrt, drk gry, shrp & frsh.

4260'-70' (4270'-80'): Lms, crm-tan-gry, micro xtl, some sli chlky, med-hrd res, vpr-no vis poro. Also, blk carb shale as abv.

4270'-80' (4280'-90'): Lms, gry, micro xtl, med-hrd res, sli shaley, no vis poro. Much blk carb shale.

4280'-90' (4290'-4300'): Lms, gry, micro xtl, hrd res, few-no vis allchms, no vis poro. A few pcs chrt, shrp & frsh.

4390'-4300' (4300'-10'): Lms, gry, micro xtl, hrd res, few-no vis allchms, no vis poro. Some shale, gry, grn, blk, etc.

4300'-10' (4310'-20'): Lms, tan-gry, crypto-micro xtl, hrd res, mst no vis allchms, & no vis poro. A few pcs w/rare scat lv stn in pnpnt poro, SSFO on brk, brwn oil. Fr odr. Vpr-pr poro. Somne chrt, tan-gry, prplsh, shrp & frsh.

4310'-20' (4320'-30'): Lms, gry-tan, micro xtl, hrd res, sli allchmcl, mstly no vis poro. Fr odr in smpl. 1 vry small pc, off-wht, micro xtl, chlky lms, w/vrare pnpnt stn, in chlky matrix, trc FO.

4320'-30' (4340'-40'): Lms, mstly, gry-lt gry, crypto-micro xtl, hrd res, few-no vis allchms, no vis poro. Some lms, drk gry to tan, fn-med xtl, hrd res, no vis poro. Some chrt, shrp & frsh.

4330'-40' (4348'-4360'): Lms, crm-tan, crypto-micro xtl, med res, few w/vis allchms, all vpr-no vis poro. Much shale, gry-drk gry, grn, maroon.

4340'-50' (4360'-70'): Lms, crm-tan, crypto-micro xtl, hrd-vhrd res, sli silicified, non-allchmcl, no vis poro. Also, shale, as abv.

4350'-60' (4370'-80'): Lms, drk gry, micro xtl, hrd res, non-allchmcl, no vis poro. Chrt, drk gry spckld & mottled w/lt gry/blu gry, shrp & frsh. Also, some vari-colored shale, grn, gry, maroon. Mstly crm-tan lms, as abv.

4380'-90': Mstly, lms, crm-tan, micro-xtln, hrd res, non-allchmcl, 1 pc w/vry wk lt stn in fract, all vpr-no vis poro. Much shale, vari-colored, gry, blk, turq. Some chrt, gry, blk etc.

4390'-4400': Shale, vari-colored, and chrt, as abv. Much lms, crm-tan, micro xtl, hrd res, no vis poro. A couple clst shaley SS, gry & tan, vfn grained, well srtd, hrd res, vpr-no vis poro.

4400'-10': SS, crm-tan, fn grnd, sub-ang qtz, mod-well srtd, fri, clean matrix, gd intr-gran poro, NS. Some gry/brwn fn grnd SS, w/clay matrix, sft-brtl, pr intr-gran poro. Mstly, lms, crm-tan-drk gry, no vis poro.

4410'-20': SS, crm, fn grnd, sub-rnd to sub-ang, qtz, well srtd, med-hrd res, non-fri, pr intr-gran poro, NS. Much shale, gry, grn, maroon, etc.

4420'-30': SS, crm to lt gry, fn grnd, sub-rnd qtz, well to mod srting, med-hrd res, fri to semi-fri, fr-well cmntd, pr-fr intr-gran poro, NS. Much shale, gry, grn, yell/grn, maroon. Some, xtl, pyrite.

CFS @ 4190' 15 min: Lms, gry, micro-vfn xtl, few-no vis allchms, hrd res, vpr-no vis poro. Some chrt, gry, shrp & frsh, foss (spic).

CFS @ 4190' 30 min: Lms, gry, micro xtl, hrd res, few vis allchms, no vis poro. Chrt, gry shp & frsh.

CFS @ 4190' 45 min: Lms, gry to grn, micro-vfn xtl, hrd res, no vis poro.

Short smpl @ 4225': Lms, gry, some lt gry-crm, mst crypto-micro xtl, hrd to vry hrd res, few-no vis allchms, no vis poro. Some drk gry-blk chrt as abv.

CFS @ 4225' 15 min: Lms, gry to gry/brwn, some tan, micro xtl, vry hrd res, some w/allchms (ooids?), all no vis poro. Much chrt, gry, foss (fus), shrp & frsh.

CFS @ 4225' 30 min: Lms, lt gry, some tan, micro xtl, some tan sli foss, all hrd-vhrd res, all no vis poro. Some gry-drk gry foss chrt as abv. 1 pc tite tan lms w/lt lv edge stn in frac surf. gd strming cut, NSFO, no odr.

CFS @ 4225' 45 min: Lms, gry, some tan & crm, micro xtl, med-hrd res, mst vpr-no vis poro, NS. Much chrt, gry, shrp & frsh. A few pcs lms gry-crm, micro xtl, w/fin-med xtln grwth on edges, lt scat lv brwn stn in sprs intr-xtln pnpnt poro, SSFO on brk, brwn oil, pr poro. no odr. Appears to have stn in rare fract poro.

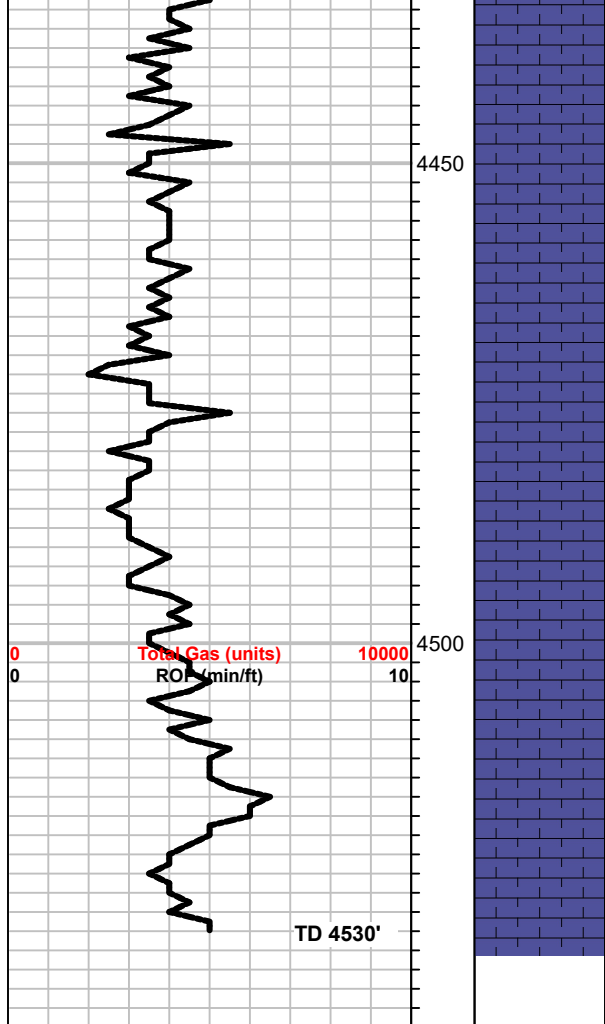
Short smpl @ 4245': Olltc Lms, tan, micro-xtln, hrd res, fr even lv stn in scat pntpnt poro btw ooids, fr even sat, fr rnbw lstr on brk, VSSFO, trc gas in brwn oil. Gd even brt yell fluor. Mst pcs pr intr-ool poro, a couple sft w/fr poro. Sli odr.

CFS @ 4245' 15 min: Olltc Lms, tan, micro-xtln, hrd res, fr scat lv stn btw ooids, fr even sat, VSSFO, gssy FO on brk. pr poro. Sli odr.

CFS @ 4245' 30 min: Lms, gry-tan, crypto-micro xtl, hrd res, mst non-allchmcl, no vis poro. Some pcs tan oolite lms, as abv, mst vpr-no vis poro, & NS. Some chrt, gry to drk brwn, shrp & frsh.

CFS @ 4245' 45 min: Lms, gry, micro-xtln, hrd res, non-allchmcl. Also, lms crm, micro-xtln, sli chlky, all no vis poro. Much blk carb shale.

CFS @ 4272' 15 min: Blk carb shale. brtl. Also, much



4430'-4440': Sndy lms, off-wht to lt gry, micro-vfn xtln, sli chlky matrix, med res, fn-med qtz grains imbedded, no vis poro.

4440'-50': Lms, crm to lt gry, micro to vfn xtln, med-hrd res, some sndy as abv. Mst non-allchmcl, w/no vis inclsns, all vpr-no vis poro.

4450'-60': Lms, tan to crm, micro-vfn xtln, some sndy lms, sli chlky as abv. Mst tan, micro xtln, med res, w/few to no vis allchms. A few pcs tan, ooltc. All vpr-no vis poro.

4460'-70': Lms, crm to lt gry, vfn-fn xtln, med res, some sli sndy, mst few to no allchms, all vpr-no vis poro.

4470'-80': Lms, crm to lt gry, fn xtln, med, some hrd res, many non-allchmcl, most sli sndy to sndy lms, all vpr-no vis poro.

4480'-90': Lms, gry, crypto xtln, med-hrd res, jagged edges, smooth surfc, non-allchmcl, no vis poro.

4490'-4500': Lms, gry crpto xtln, as abv. Much lms, gry, micro-vfn xtln, non-allchmcl, vpr-no vis poro.

4500'-10': Mstly, lms, as abv. Some lms, grybrwn, fn xtln, hrd res, non-allchmcl, rough txt.

4510'-20': Lms, gry, fn xtln, med-hrd res, some sli ooltc, & some w/occ med snd qtz snd grains incld, all vpr-no vis poro.

lms, gry, tan, some crm, crypto-micro xtln, med-hrd res, mstly non-allchmcl, no vis poro. Trc shrp frsh chrt.

CFS @ 4272' 30 min: Lms, off-wht, chlky, micro-xtln, med res, no vis poro. Some blk carb shale and gry-tan lms as in 15 min smpl.

CFS @ 4272' 45 min: Lms, lt gry-gry, micro-vfn xtln, hrd-vhrd res, no vis poro. Much blk carb shale.

Short smpl @ 4285': Lms, gry-tan, micro xtln, hrd res, sli foss, vpr-no vis poro. Some blk carb shale. Also, some ooltc lms, brwn-tan, abndtly ooltc, vpr-no vis poro, NS.

CFS @ 4285' 15 min: Lms, lt gry-tan, micro xtln, med-hrd res, few-no vis allchms, vpr-no vis poro.

CFS @ 4285' 30 min: Lms, gry, crypto-micro xtln, med-hrd res, few vis allchms, no vis poro. Much blk carb shale.

CFS @ 4285' 45 min: Lms, lt gry, micro xtln, some chlky, med-hrd res, non-allchmcl, no vis poro. Much blk carb shale.

CFS @ 4325' 15 min: Lms, gry, crypto-micro xtln, hrd-



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Darrah Oil Co, LLC
125 N Market Ste 1425
Wichita, Ks 67202
ATTN: Seth Evenson

25 13s 34w Logan, Ks
Younkin 2-35
Job Ticket: 67483 **DST#: 1**
Test Start: 2021.07.02 @ 22:40:00

GENERAL INFORMATION:

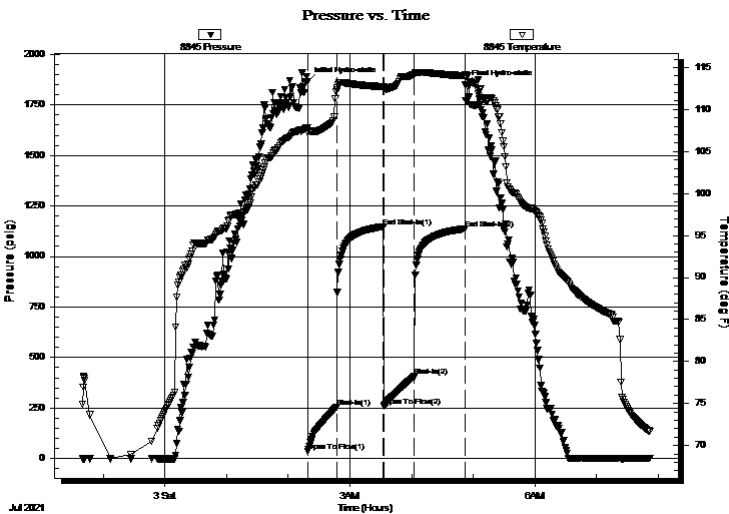
Formation: **LKC A-F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:19:00
Time Test Ended: 07:51:45
Interval: **3738.00 ft (KB) To 3823.00 ft (KB) (TVD)**
Total Depth: 3840.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Straddle (Initial)
Tester: Bradley Walter
Unit No: 78
Reference Elevations: 2813.00 ft (KB)
2802.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8845

Press@RunDepth: 406.11 psig @ 3824.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2021.07.02 End Date: 2021.07.03 Last Calib.: 2021.07.03
Start Time: 22:40:05 End Time: 07:51:45 Time On Btm: 2021.07.03 @ 02:18:45
Time Off Btm: 2021.07.03 @ 04:52:30

TEST COMMENT: 30- IF- BOB @ 5.5 min.-44".
45- IS: No return.
30- FF- BOB @ 7.5 min- 39.5".
45- FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1864.48	107.87	Initial Hydro-static
1	36.31	107.22	Open To Flow (1)
29	254.51	112.33	Shut-In(1)
74	1147.23	112.73	End Shut-In(1)
75	260.19	112.36	Open To Flow (2)
104	406.11	114.17	Shut-In(2)
153	1136.60	114.01	End Shut-In(2)
154	1848.73	114.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
915.00	mcw 5m 95w (oil spots)	10.67

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Darrah Oil Co, LLC
125 N Market Ste 1425
Wichita, Ks 67202
ATTN: Seth Evenson

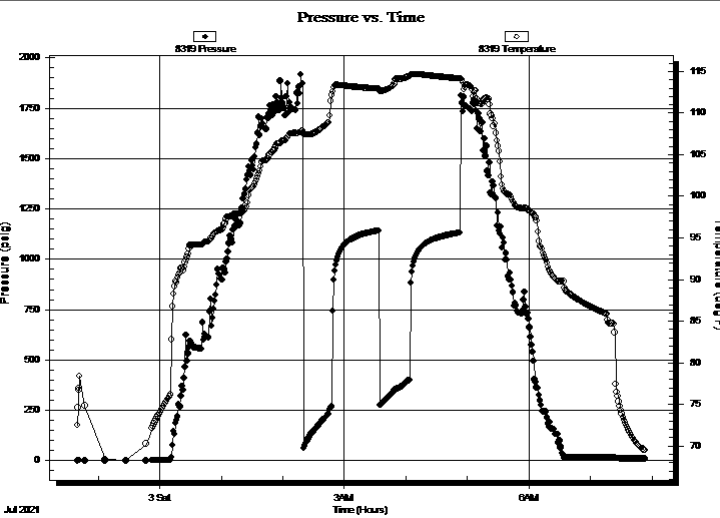
25 13s 34w Logan, Ks
Younkin 2-35
Job Ticket: 67483 **DST#: 1**
Test Start: 2021.07.02 @ 22:40:00

GENERAL INFORMATION:

Formation: **LKC A-F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:19:00
Time Test Ended: 07:51:45
Interval: **3738.00 ft (KB) To 3823.00 ft (KB) (TVD)**
Total Depth: 3840.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Straddle (Initial)
Tester: Bradley Walter
Unit No: 78
Reference Elevations: 2813.00 ft (KB)
2802.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8319 **Outside**
Press@RunDepth: psig @ 3739.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2021.07.02 End Date: 2021.07.03 Last Calib.: 1899.12.30
Start Time: 22:40:05 End Time: 07:53:00 Time On Btm:
Time Off Btm:

TEST COMMENT: 30- IF- BOB @ 5.5 min.-44".
45- IS: No return.
30- FF- BOB @ 7.5 min- 39.5".
45- FS: No return.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
915.00	mcw 5m 95w (oil spots)	10.67

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Darrah Oil Co, LLC

25 13s 34w Logan, Ks

125 N Market Ste 1425
Wichita, Ks 67202

Younkin 2-35

Job Ticket: 67483

DST#: 1

ATTN: Seth Evenson

Test Start: 2021.07.02 @ 22:40:00

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:

56000 ppm

Viscosity: 41.00 sec/qt

Cushion Volume:

bbf

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
915.00	mcw 5m 95w (oil spots)	10.667

Total Length: 915.00 ft Total Volume: 10.667 bbf

Num Fluid Samples: 0

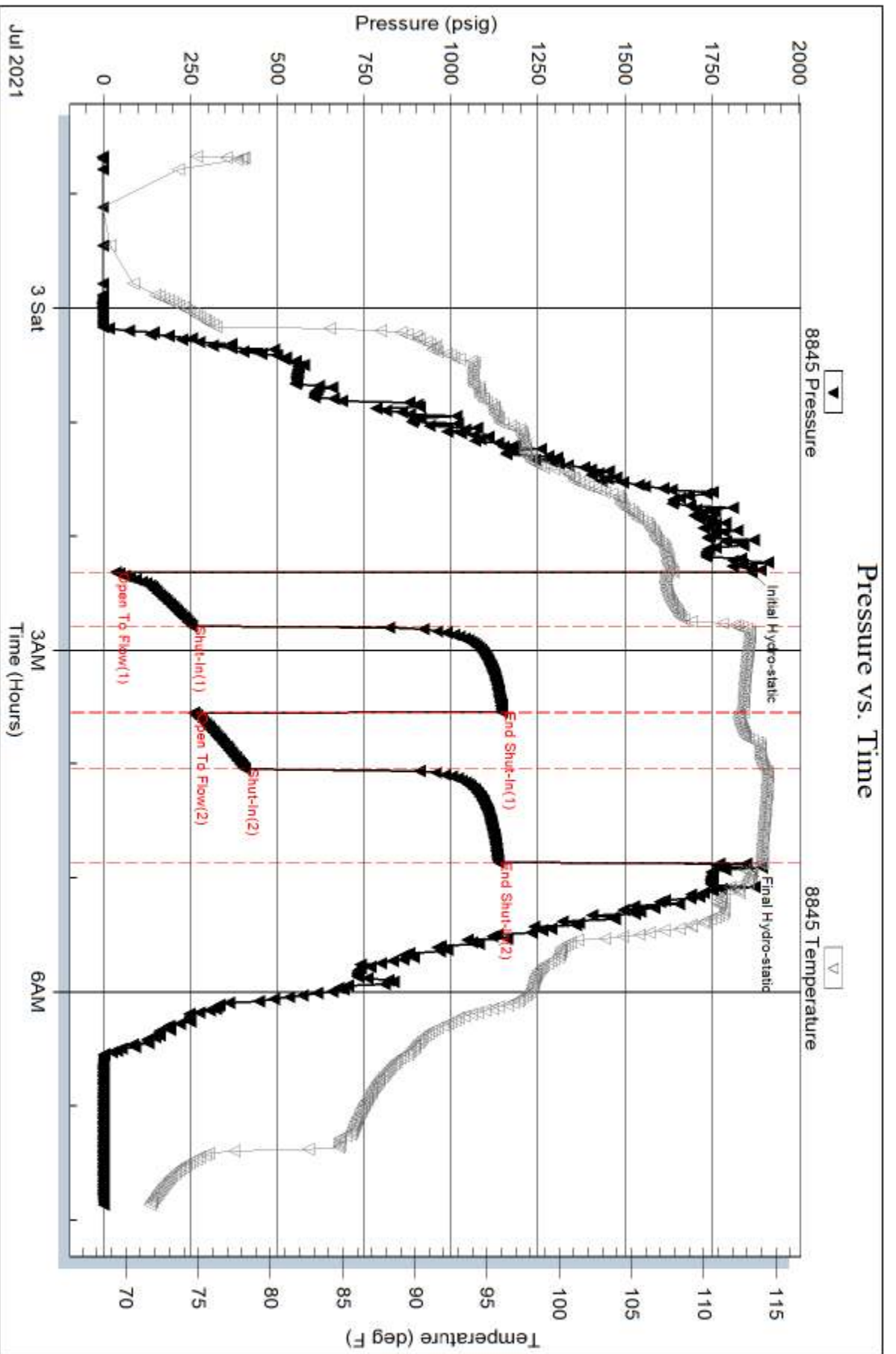
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .128 @ 72F = 56000ppm



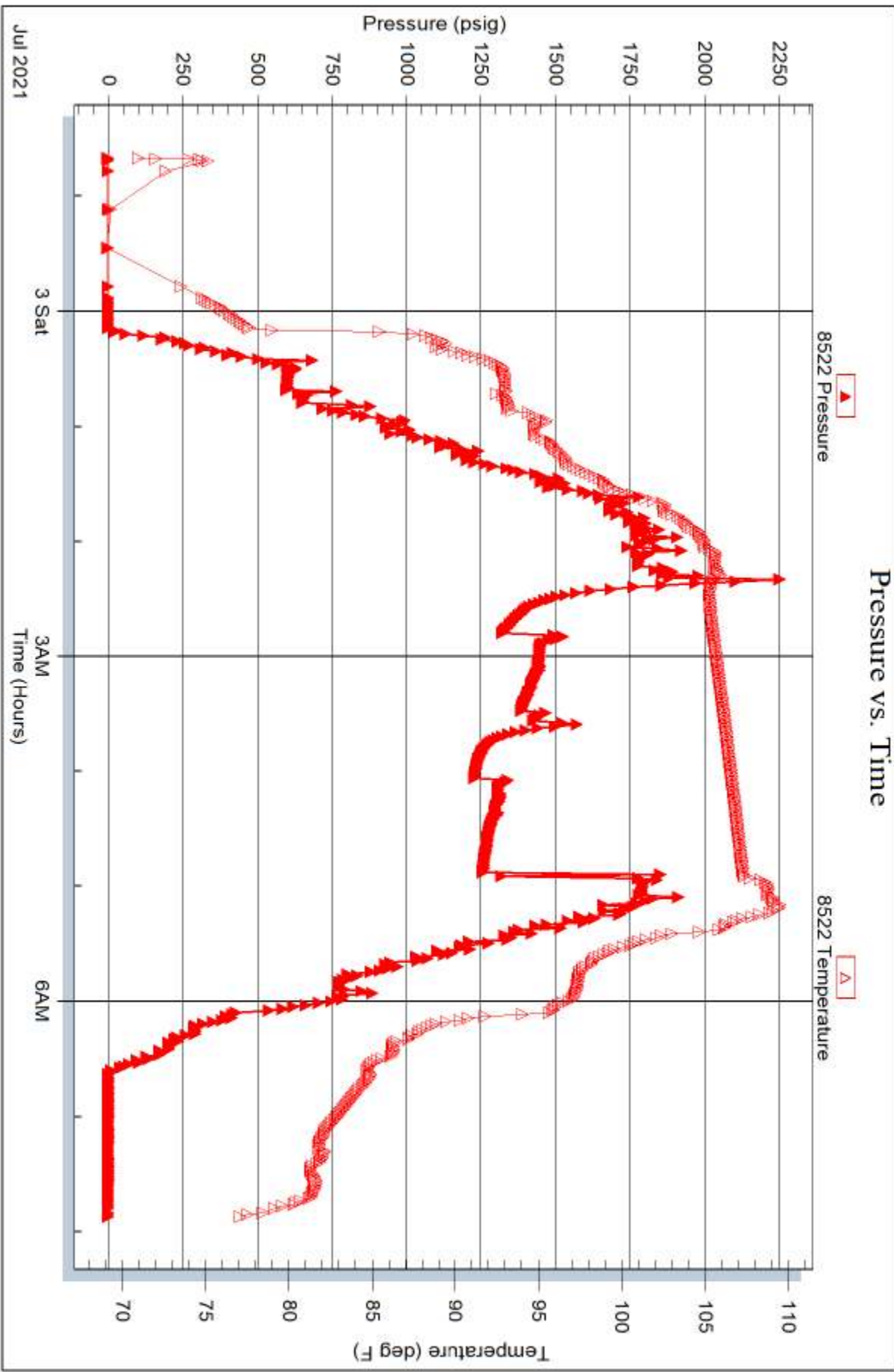
Serial #: 8522

Inside

Darrah Oil Co. LLC

Younkin 2-35

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 67483

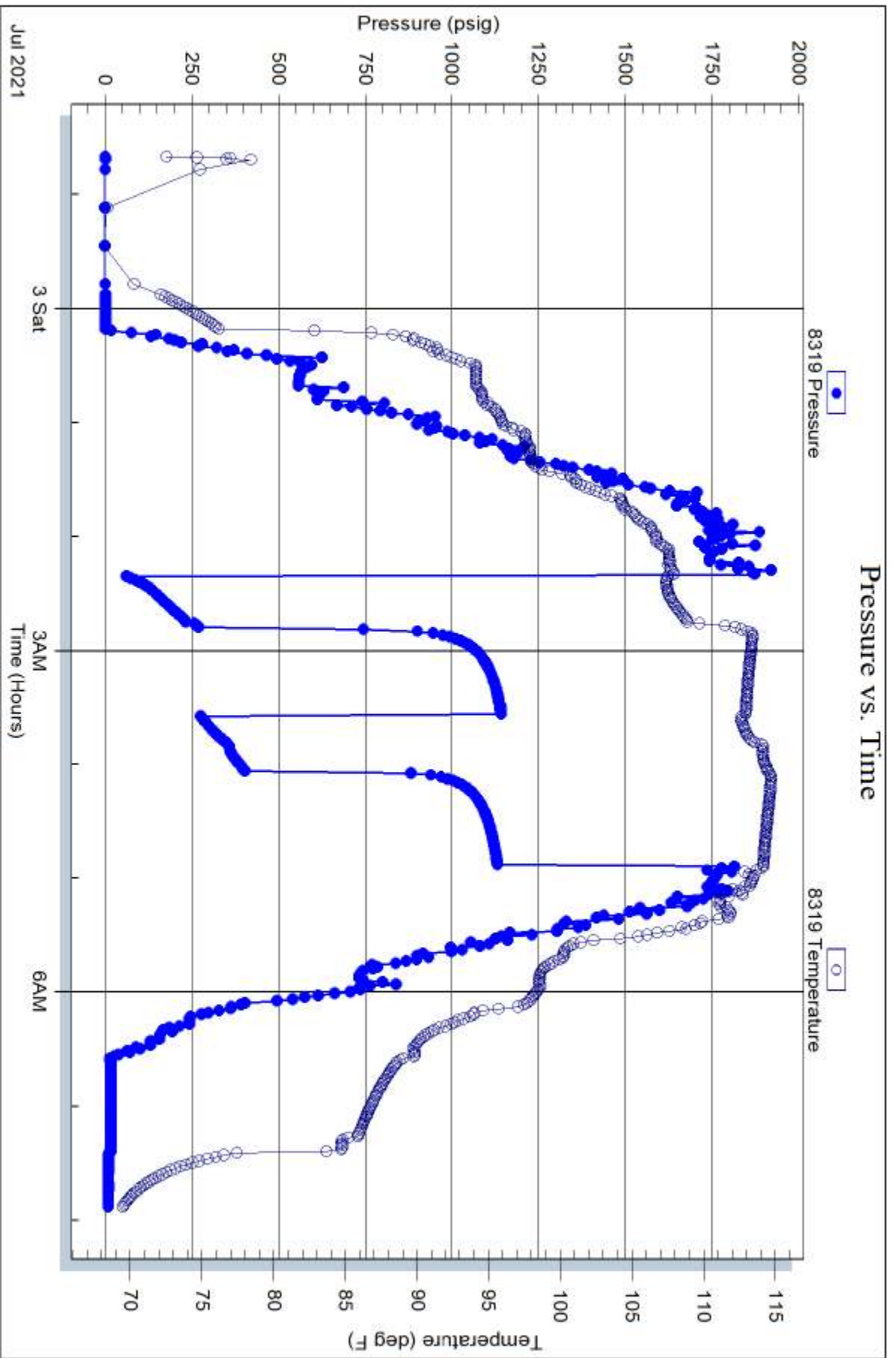
Printed: 2021.07.03 @ 09:44:59

Serial #: 8319

Outside Darrah Oil Co. LLC

Younkin 2-35

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 67483

Printed: 2021.07.03 @ 09:44:59



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Darrah Oil Co, LLC
125 N Market Ste 1425
Wichita, Ks 67202
ATTN: Seth Evenson

25 13s 34w Logan, Ks
Younkin 2-35
Job Ticket: 67484 **DST#: 2**
Test Start: 2021.07.03 @ 22:19:00

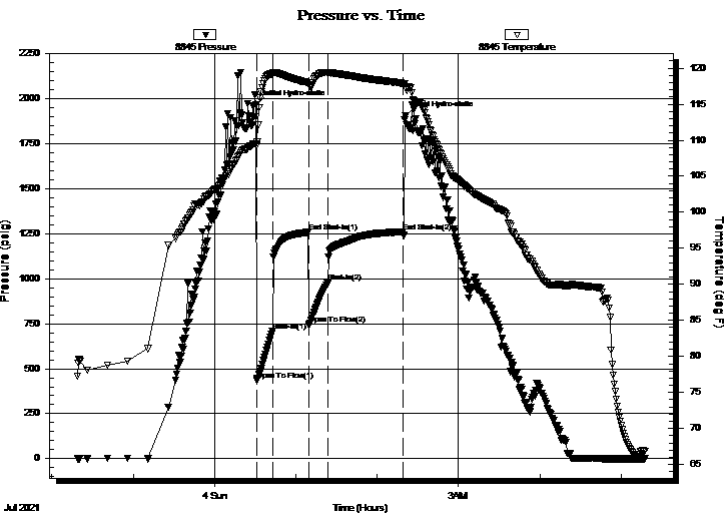
GENERAL INFORMATION:

Formation: **LKC- H, I, J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:31:15
Time Test Ended: 05:17:45
Interval: **3870.00 ft (KB) To 3960.00 ft (KB) (TVD)**
Total Depth: 3960.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Straddle (Reset)
Tester: Bradley Walter
Unit No: 78
Reference Elevations: 2813.00 ft (KB)
2802.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8845

Press@RunDepth: 980.33 psig @ ft (KB) Capacity: 8000.00 psig
Start Date: 2021.07.03 End Date: 2021.07.04 Last Calib.: 2021.07.04
Start Time: 22:19:05 End Time: 05:17:44 Time On Btm: 2021.07.04 @ 00:30:45
Time Off Btm: 2021.07.04 @ 02:21:00

TEST COMMENT: 15- IF: BOB @ 1 min. - 160"
30- IS: No return.
15- FF: BOB @ 1 min - 137"
45- FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1967.17	109.54	Initial Hydro-static
1	433.83	109.29	Open To Flow (1)
12	708.23	119.22	Shut-In(1)
39	1258.68	117.99	End Shut-In(1)
39	745.85	117.66	Open To Flow (2)
53	980.33	119.33	Shut-In(2)
108	1260.49	117.88	End Shut-In(2)
111	1908.61	117.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1980.00	mcw 3m 97w (oil spots in tool)	25.61

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Darrah Oil Co, LLC

25 13s 34w Logan, Ks

125 N Market Ste 1425
Wichita, Ks 67202

Younkin 2-35

Job Ticket: 67484

DST#: 2

ATTN: Seth Evenson

Test Start: 2021.07.03 @ 22:19:00

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:

22000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbf

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
1980.00	mcw 3m 97w (oil spots in tool)	25.606

Total Length: 1980.00 ft Total Volume: 25.606 bbf

Num Fluid Samples: 0

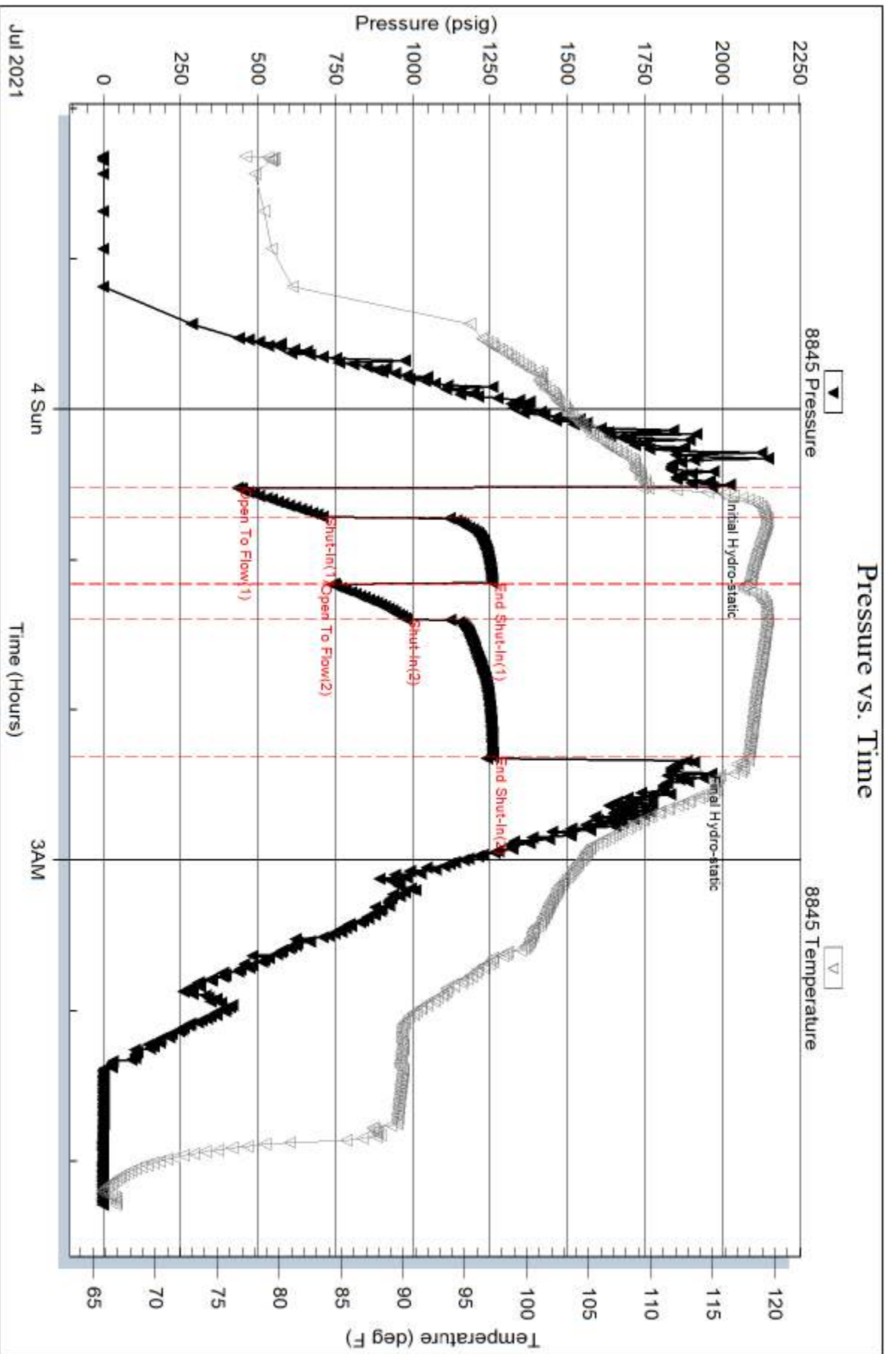
Num Gas Bombs: 0

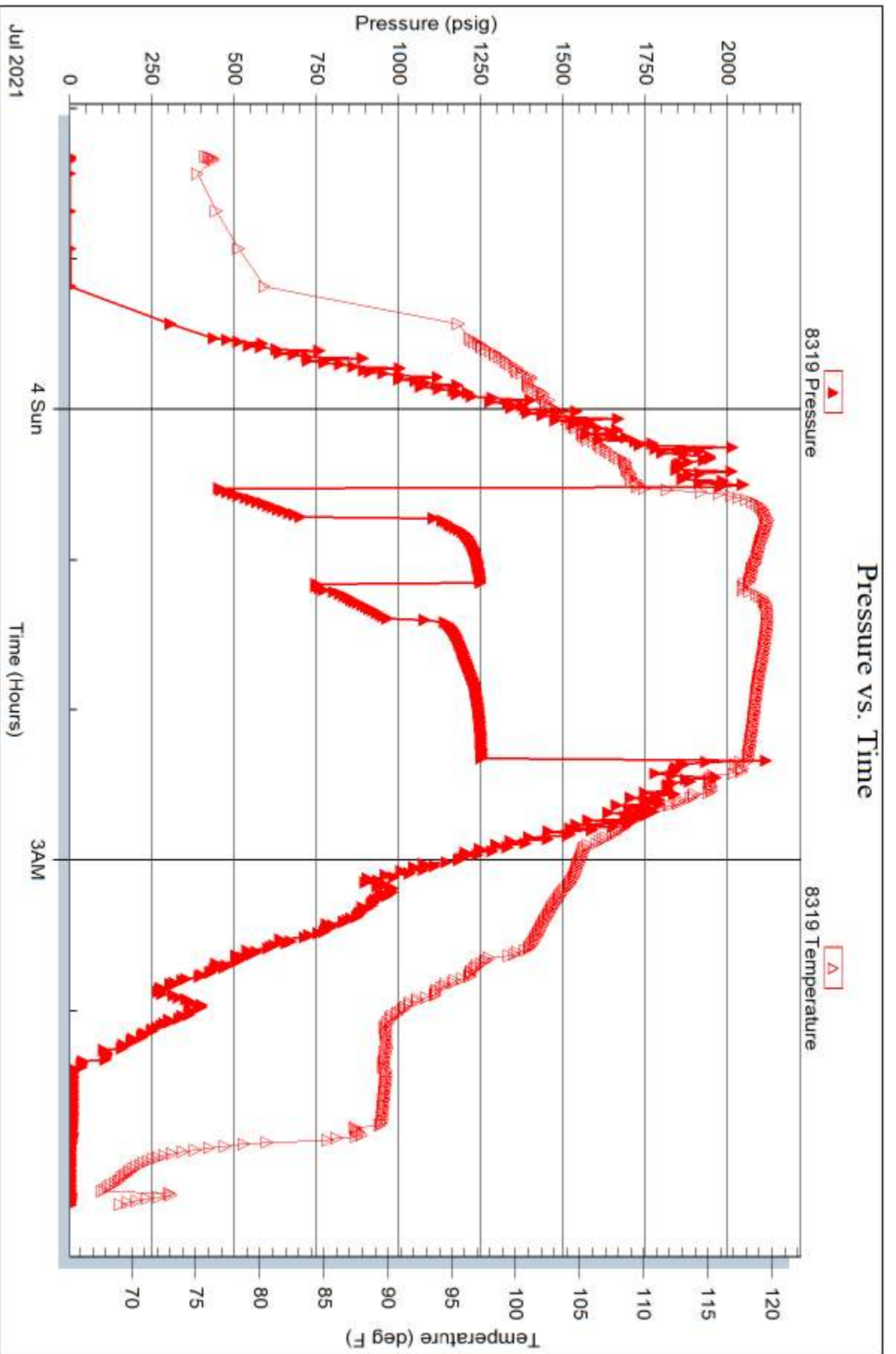
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .325 @ 64 = 22000ppm







**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Darrah Oil Co, LLC
125 N Market Ste 1425
Wichita, Ks 67202
ATTN: Seth Evenson

25 13s 34w Logan, Ks
Younkin 2-35
Job Ticket: 67485 **DST#: 3**
Test Start: 2021.07.04 @ 19:15:00

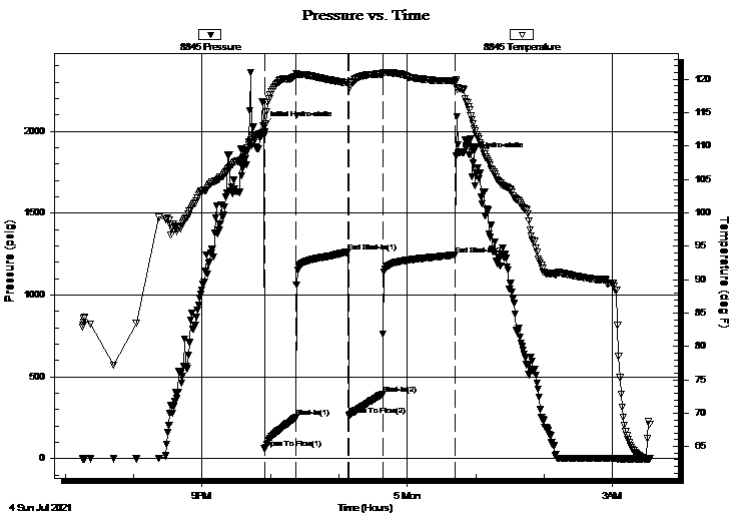
GENERAL INFORMATION:

Formation: **LKC- K&L**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle (Reset)
Time Tool Opened: 21:54:30 Tester: Bradley Walter
Time Test Ended: 03:32:45 Unit No: 78
Interval: 3962.00 ft (KB) To 4050.00 ft (KB) (TVD) Reference Elevations: 2813.00 ft (KB)
Total Depth: 4050.00 ft (KB) (TVD) 2802.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 8845 Inside
Press@RunDepth: 395.18 psig @ 3963.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2021.07.04 End Date: 2021.07.05 Last Calib.: 2021.07.05
Start Time: 19:15:05 End Time: 03:32:44 Time On Btm: 2021.07.04 @ 21:53:45
Time Off Btm: 2021.07.05 @ 00:43:00

TEST COMMENT: 30- IF: BOB @ 7 min- 37.8"
45- IS: No return.
30- FF: BOB @ 10 min.- 31.2"
60- FS: No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2033.87	111.93	Initial Hydro-static
1	61.34	111.72	Open To Flow (1)
29	250.47	120.47	Shut-In(1)
75	1261.42	119.45	End Shut-In(1)
75	263.42	118.99	Open To Flow (2)
105	395.18	120.80	Shut-In(2)
169	1245.28	119.70	End Shut-In(2)
170	1844.68	119.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
820.00	mcw 5m 95w (oil spots)	9.33

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Darrah Oil Co, LLC

25 13s 34w Logan, Ks

125 N Market Ste 1425
Wichita, Ks 67202

Younkin 2-35

Job Ticket: 67485

DST#: 3

ATTN: Seth Evenson

Test Start: 2021.07.04 @ 19:15:00

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
820.00	mcw 5m 95w (oil spots)	9.334

Total Length: 820.00 ft Total Volume: 9.334 bbl

Num Fluid Samples: 0

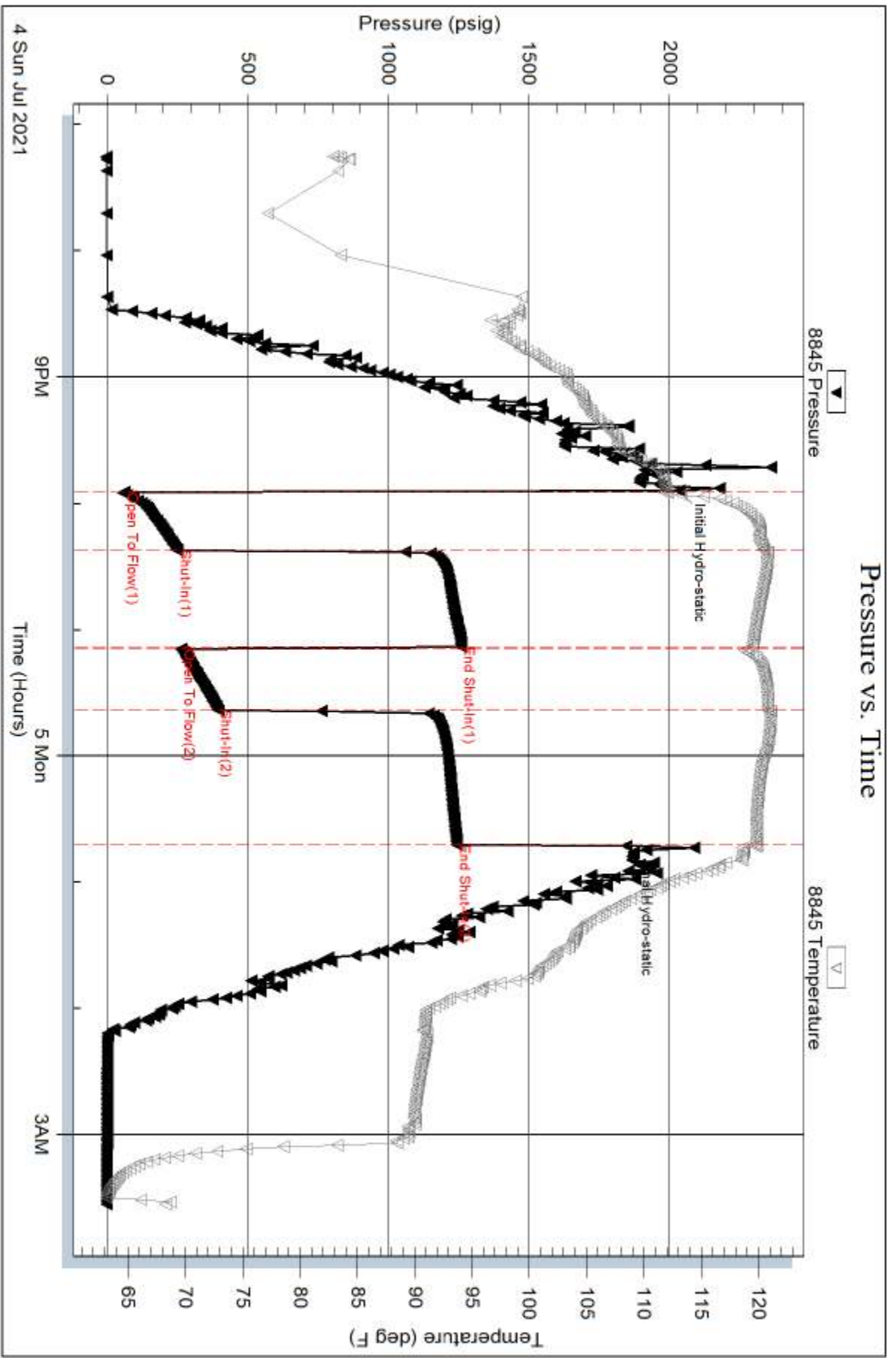
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .289 @ 64F= 26000ppm

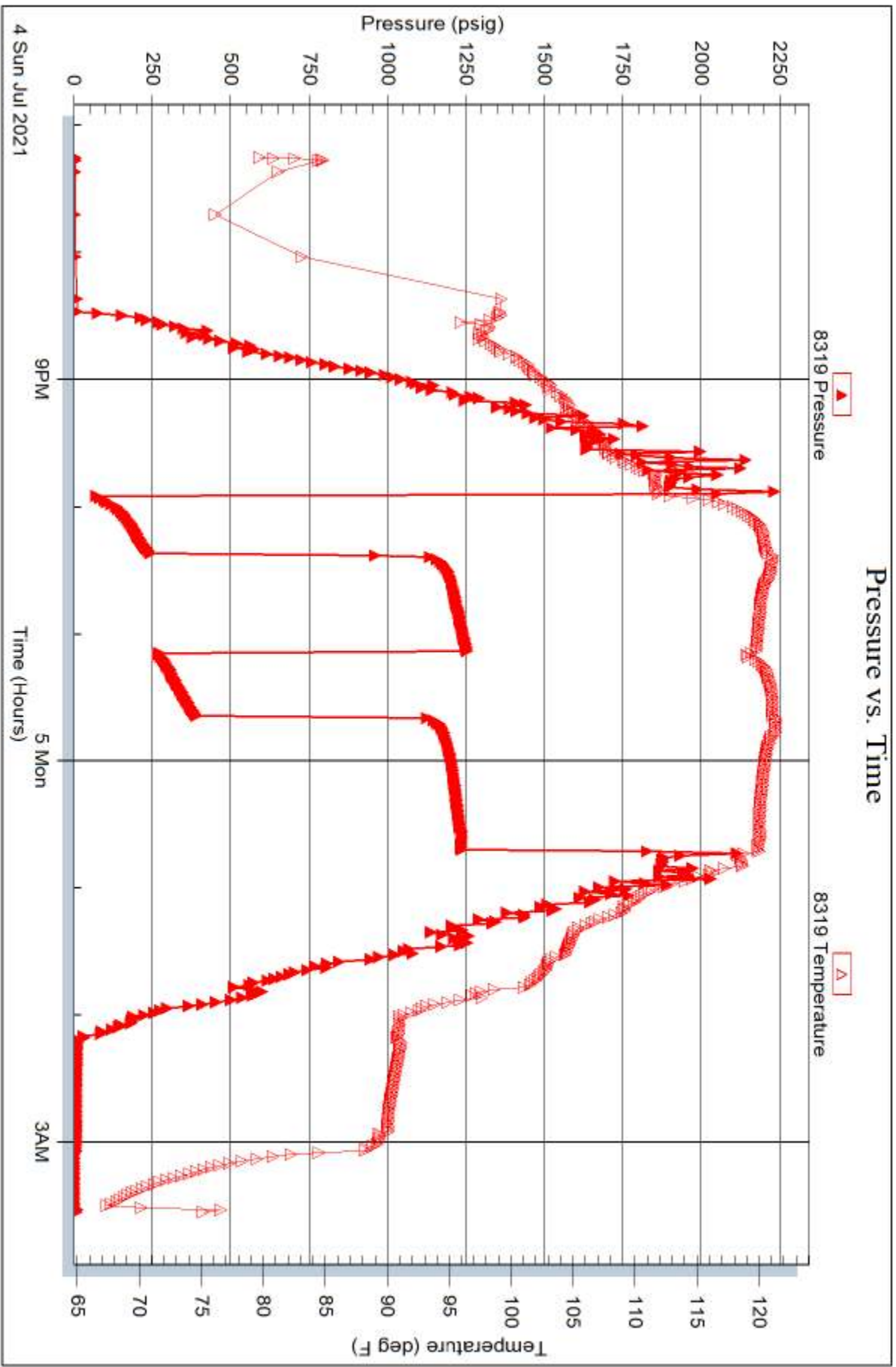


Serial #: 8319

Outside Darrah Oil Co. LLC

Younkin 2-35

DST Test Number: 3





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Darrah Oil Co, LLC
 125 N Market Ste 1425
 Wichita, Ks 67202
 ATTN: Seth Evenson

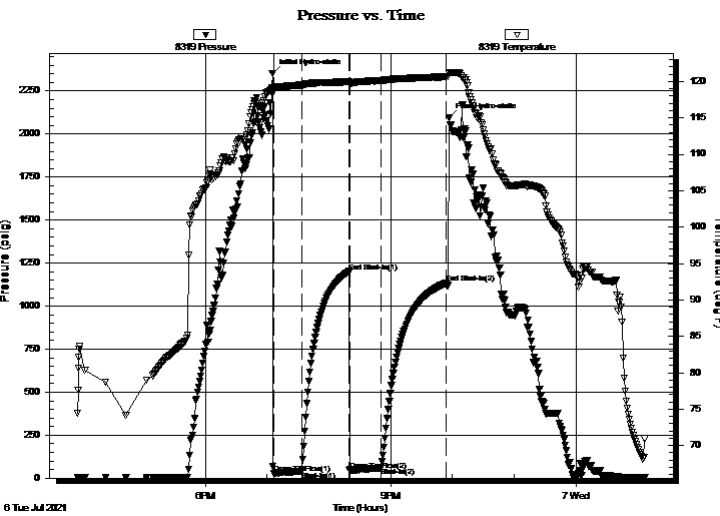
25 13s 34w Logan, Ks
Younklin 2-35
 Job Ticket: 67846 **DST#: 4**
 Test Start: 2021.07.06 @ 15:56:00

GENERAL INFORMATION:

Formation: **Myric Station- Johns**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:06:45
 Time Test Ended: 01:07:15
 Interval: **4204.00 ft (KB) To 4348.00 ft (KB) (TVD)**
 Total Depth: 4348.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 2813.00 ft (KB)
 2802.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8319 Outside
 Press@RunDepth: 60.48 psig @ 4205.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2021.07.06 End Date: 2021.07.07 Last Calib.: 1899.12.30
 Start Time: 15:56:05 End Time: 01:07:15 Time On Btm: 2021.07.06 @ 19:05:15
 Time Off Btm: 2021.07.06 @ 21:56:45

TEST COMMENT: 30- IF: 1.75" blow .
 45- IS: No return.
 30- FF: .25" blow .
 60- FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2352.96	118.44	Initial Hydro-static
2	29.60	119.09	Open To Flow (1)
29	40.96	119.50	Shut-In(1)
75	1201.03	119.97	End Shut-In(1)
75	44.04	119.72	Open To Flow (2)
106	60.48	120.13	Shut-In(2)
169	1135.20	120.64	End Shut-In(2)
172	2092.94	121.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	mud 100m (oil spots)	0.49

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Darrah Oil Co, LLC

25 13s 34w Logan, Ks

125 N Market Ste 1425
Wichita, Ks 67202

Younkin 2-35

Job Ticket: 67846

DST#: 4

ATTN: Seth Evenson

Test Start: 2021.07.06 @ 15:56:00

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:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
100.00	mud 100m (oil spots)	0.492

Total Length: 100.00 ft Total Volume: 0.492 bbl

Num Fluid Samples: 0

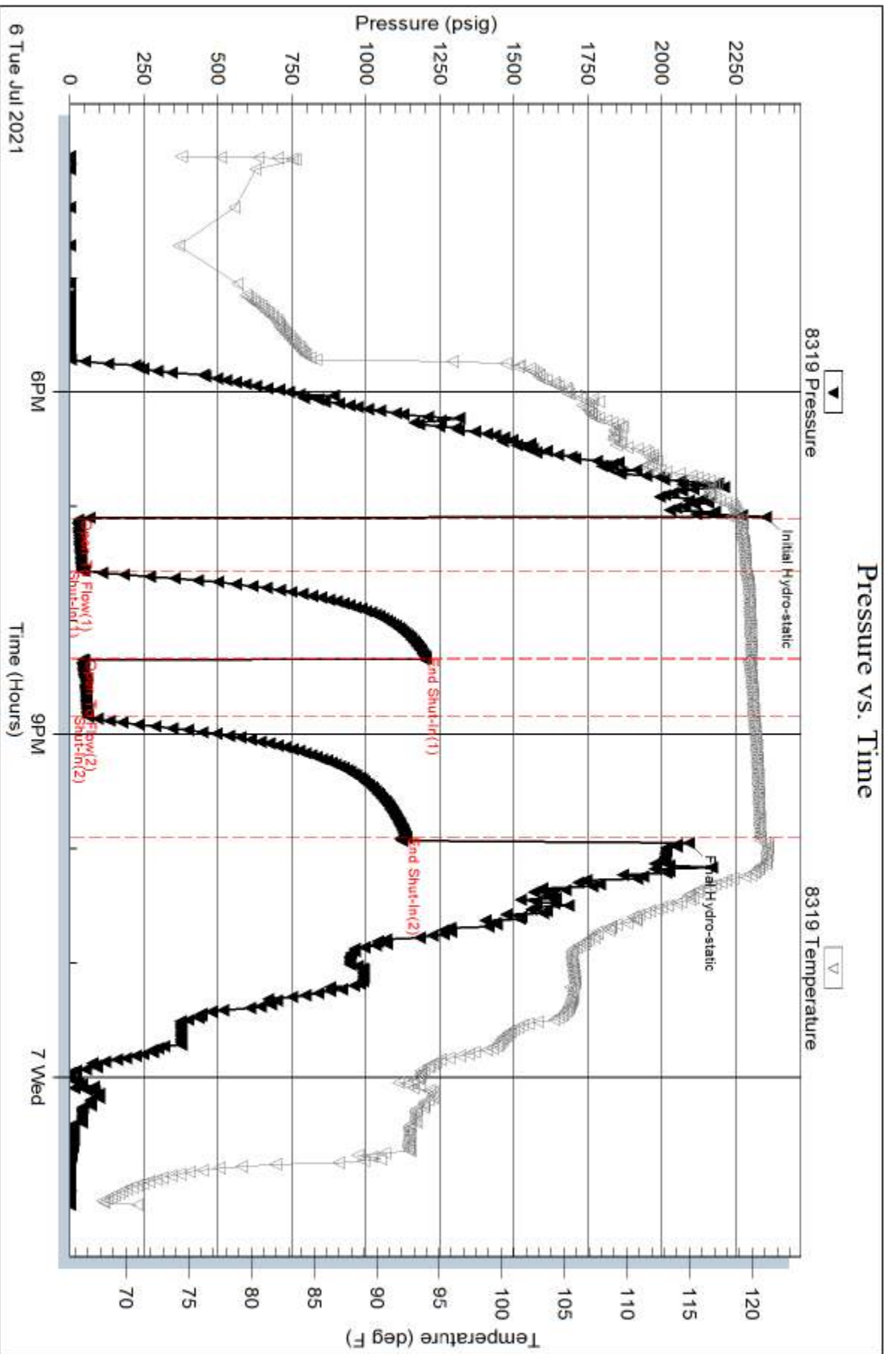
Num Gas Bombs: 0

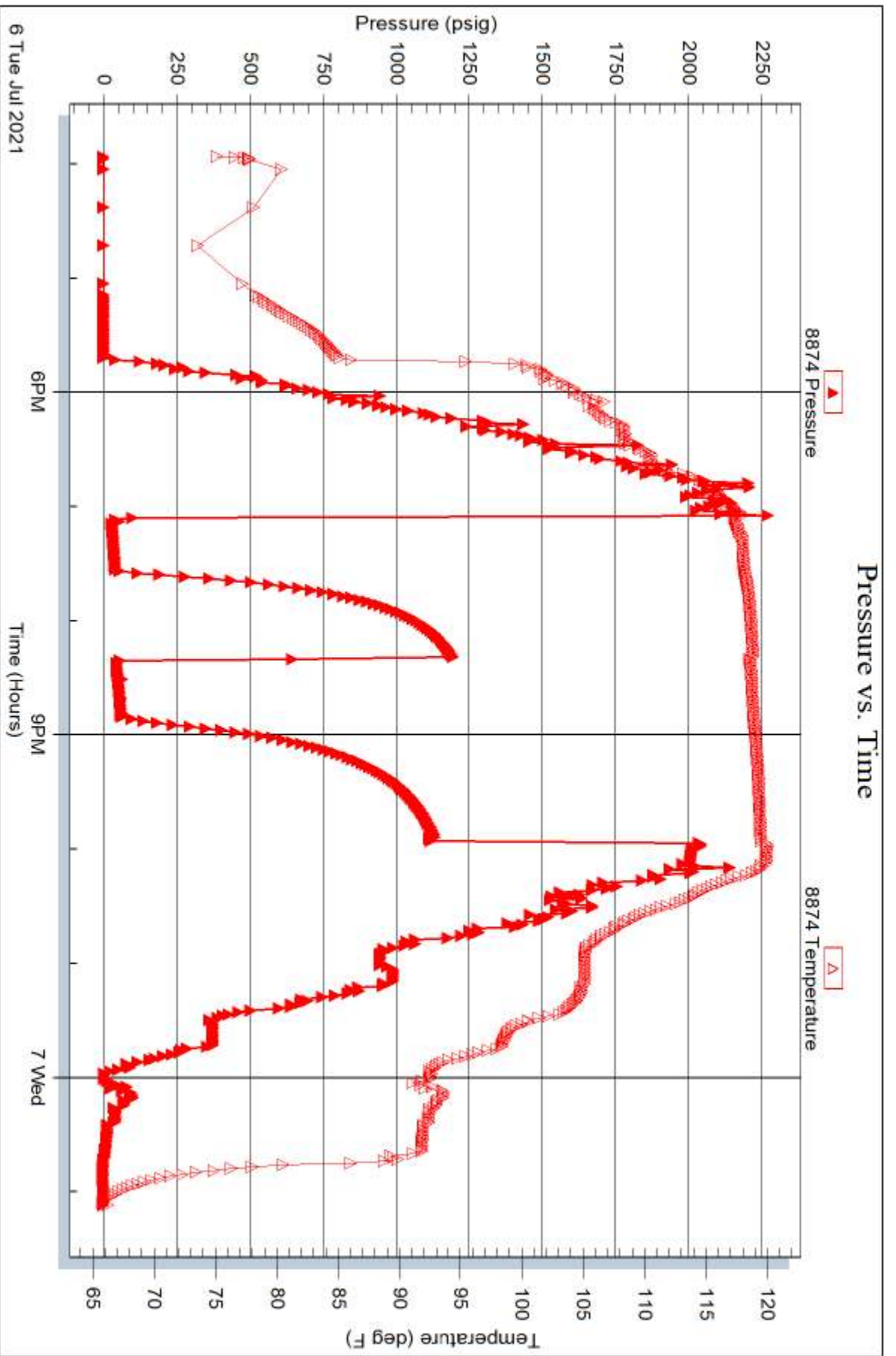
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







HURRICANE SERVICES INC

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

R

Customer:
DARRAH OIL
C/O JOHN JAY DARRAH JR
PO BOX 2786
WICHITA, KS 67201-2786

Invoice Date: 7/8/2021
Invoice #: 0354053
Lease Name: Younkin
Well #: 2-35
County: Logan, Ks
Job Number: WP1567
District: Oakley

Date/Description	HRS/QTY	Rate	Total
PTA	0.000	0.000	0.00
Depth Charge 1001'-2000'	1.000	1,320.000	1,320.00
Heavy Eq Mileage	25.000	3.520	88.00
Light Eq Mileage	25.000	1.760	44.00
Ton Mileage	283.600	1.320	374.35
H-Plug	255.000	11.440	2,917.20
Wooden plug 8 5/8"	1.000	149.600	149.60

9308

Net Invoice	4,893.15
Sales Tax:	266.33
Total	5,159.48

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% 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!



HURRICANE SERVICES INC

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



Customer:
DARRAH OIL
C/O JOHN JAY DARRAH JR
PO BOX 2786
WICHITA, KS 67201-2786

Invoice Date: 6/29/2021
Invoice #: 0353847
Lease Name: Younkin
Well #: 2-35 (New)
County: Logan, Ks
Job Number: WP1536
District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-325	250.000	17.600	4,400.00
Light Eq Mileage	30.000	1.760	52.80
Heavy Eq Mileage	30.000	3.520	105.60
Ton Mileage	353.000	1.320	465.96
Sugar	50.000	2.640	132.00
Depth Charge 0'-500'	1.000	880.000	880.00

9308

Total 6,036.36

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!

250 N. Water St., Suite #200
Wichita, KS 67202



HURRICANE SERVICES INC

Customer Darrah Oil Co		Lease & Well # Younkln 2-35		Date 6/29/2021		
Service District Oakley KS		County & State Logan KS		Job #		
Job Type Surface		<input checked="" type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD		Legals S/T/R 35-13S-34W		
				<input checked="" type="checkbox"/> YES <input type="checkbox"/> No		
Equipment #		Driver		Ticket # WP 1536		
180/520		Jimmie				
205		Hugo				
Job Safety Analysis - A Discussion of Hazards & Safety Procedures						
<input checked="" type="checkbox"/> Hard hat		<input checked="" type="checkbox"/> Gloves		<input checked="" type="checkbox"/> Lockout/Tagout		
<input checked="" type="checkbox"/> H2S Monitor		<input checked="" type="checkbox"/> Eye Protection		<input checked="" type="checkbox"/> Required Permits		
<input checked="" type="checkbox"/> Safety Footwear		<input type="checkbox"/> Respiratory Protection		<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards		
<input checked="" type="checkbox"/> FRC/Protective Clothing		<input type="checkbox"/> Additional Chemical/Acid PPE		<input checked="" type="checkbox"/> Overhead Hazards		
<input checked="" type="checkbox"/> Hearing Protection		<input checked="" type="checkbox"/> Fire Extinguisher		<input type="checkbox"/> Additional concerns or issues noted below		
				<input checked="" type="checkbox"/> Warning Signs & Flagging		
				<input checked="" type="checkbox"/> Fall Protection		
				<input type="checkbox"/> Specific Job Sequence/Expectations		
				<input checked="" type="checkbox"/> Muster Point/Medical Locations		
Comments						
Product/Service Code						
Description						
Unit of Measure						
Quantity						
Net Amount						
CP015	H-325	sack	250.00		\$4,400.00	
M015	Light Equipment Mileage	mi	30.00		\$52.80	
M010	Heavy Equipment Mileage	mi	30.00		\$105.60	
M020	Ton Mileage	lm	353.00		\$465.96	
CP180	Sugar	lb	50.00		\$132.00	
D010	Depth Charge: 0'-50'	job	1.00		\$880.00	
					Net:	\$6,036.36
Customer Section: On the following scale how would you rate Hurricane Services Inc ?						
Based on this job, how likely is it you would recommend HSI to a colleague?						
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>						
Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely						
					Total Taxable \$ - Tax Rate:	
					Total: \$ 6,036.36	
					HSI Representative: <i>Jimmie Cottrell</i>	

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.

X _____ **CUSTOMER AUTHORIZATION SIGNATURE**

CUSTOMER
WELL_NAME

