KOLAR Document ID: 1585477

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 # 7311
Name: Shakespeare Oil Co., Inc.
Address 1: 202 W MAIN ST
Address 2:
City: SALEM State: IL Zip: 62881 + 1519
Contact Person: Don Williams
Phone: (618) 548-1585
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Kent Matson
Purchaser: CHS

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 #:

06/28/2021	07/06/2021	07/30/2021
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-171-21272-00-00
Spot Description:
SE - NW - SW - NW Sec. 6 Twp. 16 S. R. 34 ☐ East ☑ West
1700 Feet from ☑ North / ☐ South Line of Section
335 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Scott
Lease Name: EDWARDS Well #: 1-6
Field Name: American Beauty
Producing Formation: Johnson, Pawnee & Marmaton
Elevation: Ground: 3137 Kelly Bushing: 3146
Total Vertical Depth: 4881 Plug Back Total Depth: 4835
Amount of Surface Pipe Set and Cemented at: 265 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 2421 Feet
If Alternate II completion, cement circulated from: 2421
feet depth to: 0 w/ 250 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 6500 ppm Fluid volume: 2500 bbls
Dewatering method used: Evaporated
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: 08/11/2021
☐ **Confidential Release Date:** 08/11/2023
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Karen Ritter **Date:** 08/11/2021

Page Two

Operator Name: Shakespeare Oil Co., Inc. Lease Name: EDWARDS Well #: 1-6

Sec. 6 Twp. 16 S. R. 34 ☐ East ☑ West County: Scott

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Geologist Report / Mud Logs ☑ Yes ☐ No

List All E. Logs Run:

Neutron/Density
Dual Induction
Microlog

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name: Attached Top: Attached Datum: Attached

CASING RECORD ☑ New ☐ Used
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	265	Class A H-325	190	
Production	7.875	4.5	11.6	4880	EA-2	195	5% Calseal, 10% salt, 1% Halad 322, 7#/

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☑ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	2421-0	SMD	250	100# hulls & 1/4#/sx flocele
	-			

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: 07/30/2021

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	40		0		26

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☑ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom
4448	4654

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
4	4654	4656			250 gal 15% MCA
4	4646	4650			250 gal 15% MCA
4	4527	4560			250 gal 15% MCA
4	4441	4448			250 gal 15% MCA

TUBING RECORD: Size: 2.375 Set At: 4688 Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	EDWARDS 1-6
Doc ID	1585477

Tops

Name	Top	Datum
Base Anhydrite	2484	+662
Heebner	3966	-820
Lansing	4016	-870
Muncie Creek	4191	-1045
Stark Shale	4284	-1137
Hushpuckney	4331	-1185
Marmaton	4432	-1286
Pawnee	4514	-1368
Cherokee Shale	4587	-1441
Johnson	4631	-1485
Mississippian	4799	-1653

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	EDWARDS 1-6
Doc ID	1585477

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	265	Class A H-325	190	
Production	7.875	4.5	11.6	4880	EA-2	195	5% Calseal, 10% salt, 1% Halad 322, 7#/sx Gilsonite & 1/4#/sx Floseal

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

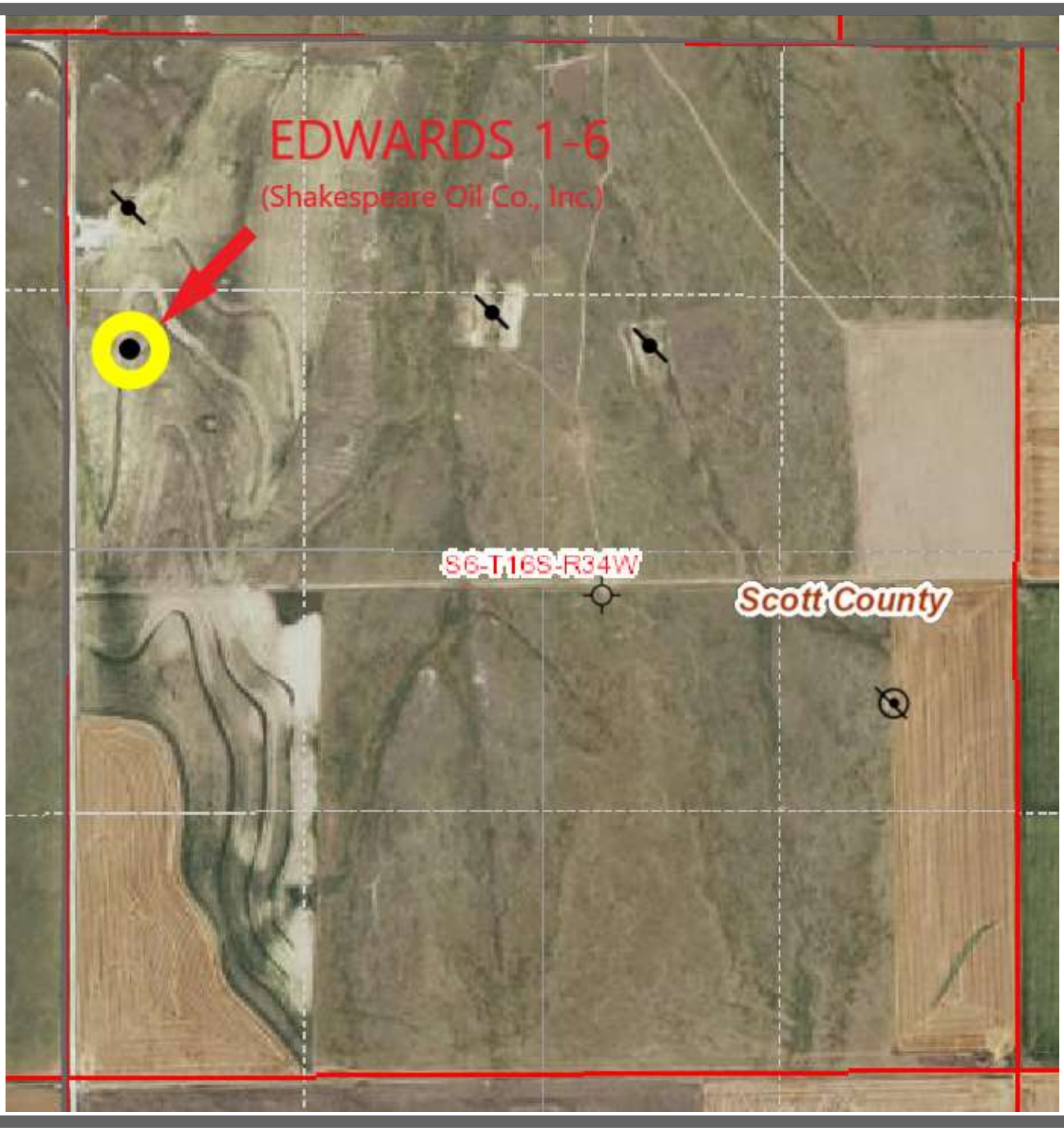
Well Name:	**EDWARDS**		
Well Id:	**#1-6**		
Location:	**1700' FNL, 335' FWL, NW/6 Sec 21-T16S-R34W, Scott County, Kansas**		
License Number:	**API: 15-171-21272**	**Region:**	**Scott County**
Spud Date:	**06/28/2021**	**Drilling Completed:**	**07/06/2021**
Surface Coordinates:	**Lat: 38.6960144** **Long: -101.1271381**		
Bottom Hole Coordinates:	**Vertical hole**		
Ground Elevation (ft):	**3137'**	**K.B. Elevation (ft):**	**3146'**
Logged Interval (ft):	**3800'** **To: RTD**	**Total Depth (ft):**	**4880'**
Formation:	**Mississippian at RTD**		
Type of Drilling Fluid:	**Chemical**		

OPERATOR

Company: **SHAKESPEARE OIL COMPANY, INC.**
Address: **202 West Main Street**
Salem, IL 62881
618-548-1585

WELLSITE GEOLOGIST

Name: **Kent R. Matson**
Company: **Matson Geological Services, LLC**
Address: **33300 W. 15th Street S.**
Garden Plain, Kansas 67050
316-644-1975; kent4m@hotmail.com



COMMENTS

Shakespeare Oil Company, Inc., Geologist: Toby Eck, 316-305-0572 (cell).
Contractor: Duke Drilling Company, Inc.: Rig #4.
Tool Pusher: Emigdio Rojas, 620-655-7138 (cell).
Surface Casing: 8 5/8" set at 268' (KB) w/190sx cement.
Production Casing: Based on field observations of drill cuttings, DST results and electric log evaluation, 4.5" production casing was installed.
Mud by: Mud-Co/Service Mud, Inc., Reid Atkins, 785-694-3741 (cell).
DST's by: Trilobite Testing, Martine Salinas, 785-639-2040 (cell).
Logs by: Midwest Wireline (DI w/GR, CND, Micro), Tim Martin, 785-822-2044 (office).
RTD= 4880'
LTD= 4881'

FORMATION TOPS

FORMATION	SAMPLE TOPS Depth	Datum	LOG TOPS Depth	Datum
Heebner Shale	3966'	-820	3966'	-820
Lansing	4018'	-872	4016'	-870
Muncie Creek Shale	4191'	-1045	4192'	-1046
Stark Shale	4287'	-1141	4284'	-1138
Hushpuckney Shale	4330'	-1184	4331'	-1185
Base of KC	4370'	-1224	4373'	-1227
Marmaton	4431'	-1285	4432'	-1286
Pawnee	4504'	-1358	4504'	-1358
Myrick Station	4546'	-1400	4546'	-1400
Fort Scott	4560'	-1414	4560'	-1414
Cherokee Shale	4588'	-1442	4587'	-1441
Johnson	4631'	-1485	4632	-1486
Morrow	4710'	-1564	4710'	-1564
Mississippian	4800'	-1654	4799'	-1653
RTD	4880'	-1734		
LTD			4881'	-1735

ROCK TYPES

LITHOLOGY

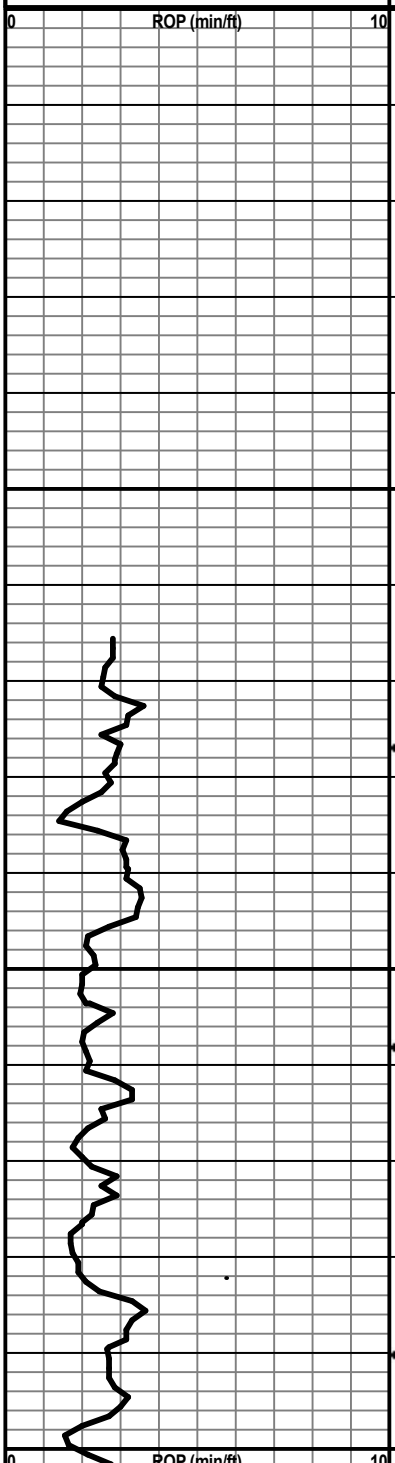
- Anhy
- Cht
- Coal
- Congl
- Dol
- Gyp
- Lmst
- Salt
- Shale
- Shcol
- Shgy
- Sltst
- Ss
- Carb sh
- Dol
- Dtd
- Gry sh
- Sandylms
- Shale
- Sltstn
- Shlyslts
- Sltysh
- Sdy dolo
- Silty dolo
- Shy dolo
- Shaly ls

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomold

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Slty



DEPTH

Lithology

CFS Point

Oil Shows

Geological Descriptions

Morning Report Depth/Activity (7:00 am)

06/28/2021, Finish MIRU, Spud; set surface casing @268'KB.
06/29, WOC @268'.
06/30, drilling @1965'.
07/01, drilling @3365'.
07/02, drilling @3895'.
07/03, CFS @4290'.
07/04, DST #1 @4450'.
07/05, drilling @4600'.
07/06, CTCH @4880' (TD) for Electric logging.

Anhydrite: Top @2465' (681+), Base @2485' (661+) (based on drill time).

Geologist on location @3634', 07/01/2021.

ROP Data begins @3715' on 07/01/2021. Recorded from drillers geolograph record, and geologist's auto-reader switch on geolograph.

Formation tops and lithologies have been adjusted to correlate to the electric log.

<<<<~~~~ Oil Shows indicator: Left Block 0-10 tray pcs w/show, Middle Block 10-20 tray pcs w/show, Right Block 20+ tray pcs w/show.

Drill cutting samples at 10' intervals start at 3800'.

LS: crm/lt gry, micro-m xtal, some silty/arg, foss frags/dense gry ool, some ppt-f in-xtla por, no odor, ns.

SH: m-dk gry, silty, soft-firm, slt carb.

LS: crm/lt brn, micro-m xtal, silty, some chalky, foss frags, min ppt-f in-xtal por, no odor, ns.

LS: crm/lt brn/lt gry, micro-m xtal, chalky, silty/sndy, abund foss frags/coquina/grainy, ppt-f in-xtal por, no odor, ns.

LS: crm/lt-m brn, micro-m xtal, some chalky, silty/sndy, abund foss frags/grainy, min ppt-vf in-xtal por, no odor, ns.

LS: crm/lt brn/lt gry, micro-m xtal, chalky, vry silty/sndy, abund foss frags/grainy, some ppt-vf in-xtal por, no odor, ns.

LS: crm/lt brn/lt gry, micro-m xtal, vry silty/sndy, some chalky, foss frags, no vis por, no odor, ns.

Remarks

Mud-Co/Service Mud Inc. Check #1 @0' 06/26/21, predrilling instructions.

Mud-Co/Service Mud Inc. Check #2 @2050' 06/30/21 07:45am
wt vis pH chl
9.4 35 7 138000
Filt LCM
n/c 3

Mud-Co/Service Mud Inc. Check #3 @3389' 07/01/21 06:50am
wt vis pH chl
9.7 34 7 87000
Filt LCM
n/c 2

Displaced drilling mud @3448'; 655 bbls.

Bit Trip @3509': Replaced PDC bit w/tricone bit.

Pipe strap TOH for bit trip at 3509' was 2.12' long to the board.

Mud-Co/Service Mud Inc. Check #4 @3964' 07/02/21 08:20am
wt vis pH chl
9.2 58 11 3000
Filt LCM
7.2 2

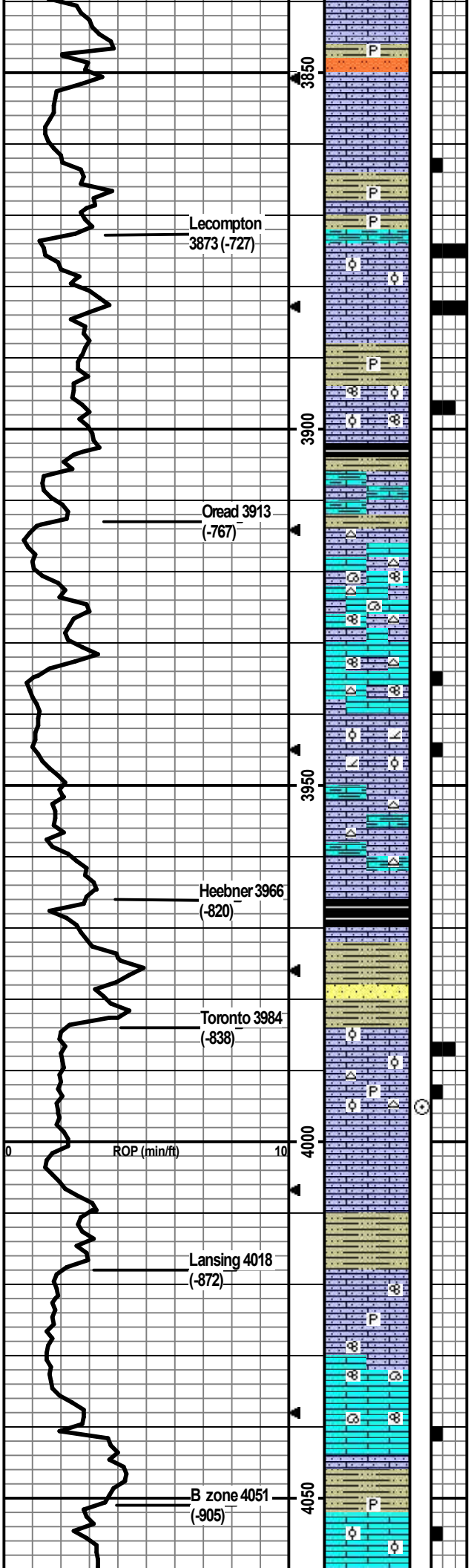
Mud-Co/Service Mud Inc. Check #5 @4283' 07/03/21 05:00am
wt vis pH chl
9.2 54 10.5 2800
Filt LCM
8.0 6

Mud-Co/Service Mud Inc. Check #6 @4450' 07/04/21 07:50am
wt vis pH chl
9.2 55 10 4500
Filt LCM
9.6 5

Mud-Co/Service Mud Inc. Check #7 @4630' 07/05/21 08:10am
wt vis pH chl
9.3 66 11 5000
Filt LCM
8.8 4

Mud-Co/Service Mud Inc. Check #8 @4880' 07/06/21 08:20am
wt vis pH chl
9.2 71 10 5000
Filt LCM
8.0 6

Survey Record



SH: lt-dk gry, silty, slt carb, pyritic, soft-firm, no odor, ns. Some lt gry Sltstn, friable.

LS: crm/lt-m brn/lt gry, micro-m xtal, vry silty/sndy, foss frags, min ppt-f in-xtal por, no odor, ns.

LS: crm/lt brn/lt gry, micro-m xtal, silty, chalky, foss frags, 4 pcs w/sfo w/ppt-f in-xtal por, no odor, dul yel fluor, ssfo.

SH: lt-dk gry/green-gry, some vry silty/sndy, carb, pyritic, soft-firm. Some lt gry Sltstn.

LS: crm/lt brn/lt gry, micro-m xtal, silty/sndy, some chalky/arg, foss frags/ool, 36 pcs w/sfo w/vf-m in-xtal/in-ool por, dul yel fluor, no odor, vgsfo.

LS: crm/lt brn, micro-m xtal, some silty/sndy, some chalky, foss frags/ool, 24 pcs w/sfo w/vf-m in-xtal/in-ool por, dul yel fluor, no odor, vgsfo.

SH: lt-dk gry, silty, carb, pyritic, soft-firm.
LS: wht/crm/lt gry, f-m xtal, some silty, some chalky, foss frags/fusln/dense ool, 15 pcs w/sfo w/f-m in-xtal por, dul yel fluor, no odor, gsfo.

SH: m-dk gry/blk, silty, carb, soft-firm.

LS: crm/lt gry/lt brn, micro-m, some vry silty/sndy, some chalky, arg, foss frags, min ppt-vf in-xtal por, no odor, ns.

LS: wht/crm/lt brn, micro-m xtal, some silty, min chalky, wht chert, foss frags, some ppt-f in-xtal por, no odor, ns.

LS: wht/crm/lt brn, micro-m xtal, some silty, wht/crm chert, foss frags/fusln/gastro, no vis por, few ool pcs w/show assumed from above, no odor.

LS: wht/crm/lt brn, micro-m xtal, some silty, some chalky, wht chert, foss frags/fusln/grainy, 4 pcs w/sfo dk thk some tar, dul fluor/cut, no odor, sfo.

LS: crm/lt brn/lt gry, micro-m, silty, chalky, some dolomitic, foss frags/ool, 3 pcs w/sfo dk thk, dul fluor, no odor, sfo.

LS: crm/lt brn/lt gry, f-m xtal, silty, chalky, arg, wht chert, foss frags, no vis por, no odor, ns.

SH: m-dk gry/blk, silty, carb, soft-firm, fissle.

SH: lt-dk gry/lt green-gry/brn vry silty, carb, firm. Min brn SS.

LS: wht/crm/lt brn/some gry mottling, micro-m xtal, some silty/sndy, some chalky, foss frags/dense ool, 11 pcs w/sfo w/f-crs in-xtal por, dul yel fluor, no odor, gdsfo.

LS: wht/crm/lt brn, micro-m xtal, some silty, some chalky, wht chert, min pyritic, foss frags/dense ool, 6 pcs w/sfo w/f-crs in-xtal por, dul yel fluor, no odor, sfo.

CFS @ 3995'
Stop/30"/60"

LS: wht/crm, micro-f xtal, some vry silty, some chalky, foss frags/grainy, ppt-f in-xtal por, no odor, ns.

SH: lt-m/lt green-gry/brn, vry silty, carb, min pyritic, soft-firm, no odor, ns.

LS: wht/crm/lt brn, micro-m xtal, silty/sndy, chalky, min pyritic, foss frags/fusln, some ppt-f in-xtal por, no odor, ns.

LS: wht/crm, micro-m xtal, min silty, some chalky, foss frags/fusln/gastro, mostly dense w/min crs foss por, no odor, ns.

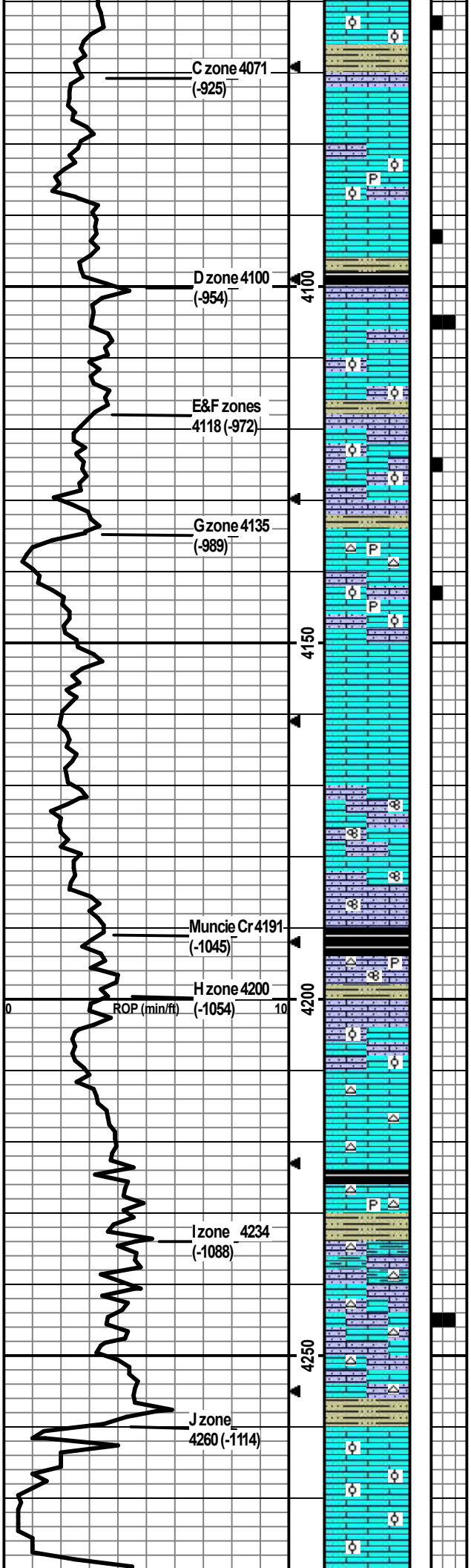
LS: wht/crm/lt gry, micro-m xtal w/2dary xtal, min silty/sndy, some chalky, foss frags w/dense ool, mostly dense w/f-crs oo-castic por, 12 pcs w/sfo in in-ool por, dul yel fluor, slt odor, sfo.

SH: lt-dk gry/green-gry/lt maroon/red-brn, some vry silty/sndy, min pyritic, carb, soft-firm.

LS: wht/crm, micro-m xtal, some chalky, foss frags/ool, 3 pcs w/sfo w/f-m in-ool por, dul yel fluor, no odor, sfo.

Deg @ Ft

0.5 @ 268'
1.0 @ 1255'
0.75 @ 1748'
0.75 @ 2736'
0.5 @ 3509'
0.5 @ 4450'
0.75 @ 4880'



LS: crm/lt-m brn, micro-m xtal, some chalky, foss frags/dense ool, 7 pcs w/sfo w/f-crs in-xtal por, no odor, dul yel fluor, sfo.

LS: wht/crm, micro-f xtal, min silty/sndy, chalky, foss frags, no vis por, no odor, ns; 2 pcs w/sfo assume from above.

LS: wht/crm, micro-f xtal, chalky, min silty, min pyritic, foss frags/some dense ool, f-crs in-xtal por, no odor, ns.

LS: crm/lt-m brn, micro-m xtal, min silty, chalky, foss frags, 6 pcs w/brn staining, dul yel fluor, no fo but cut on break, ppt-vf in-xtal por, slt odor, sso.

SH: lt-dk gry/gry-green/brn, some silty/sndy, carb, soft-firm.

LS: crm/lt-m brn, micro-f xtal, min silty, some chalky, min foss frags, 19 pcs w/brn staining, ppt-vf in-xtal por, dul yel fluor cut on break, slt odor, no vis fo, sso.

LS: wht/crm/lt brn, micro-m xtal, min sndy, foss frags/dense ool, min f-m in-xtal por, no odor, ns.

SH: m-dk gry/green-gry, silty, slt carb, soft-firm, no odor.

LS: crm/lt-m brn, micro-m xtal, some silty/sndy, some chalky, foss frags/dense ool, 4 pcs w/ppt-m in-xtal por w/sfo, dul yel fluor, no odor, ssfo.

SH: m-dk gry/red-brn, silty, slt carb, pyritic, firm.

LS: crm, micro-m xtal, some chalky, wht chert, pyritic, foss frags, some f-m in-xtal por, no odor, ns.

LS: wht/crm, micro-m xtal, some chalky, some silty, min pyritic, foss frags/ool, some vf-m in-xtal/oo-castic por, 2 pcs w/staining and oil sheen on break w/ppt por, no odor, ssfo.

4170 and 4180 samples are flooded w/SH and unreliable due to resolving lost circulation. Assumed lithology is LS.

Lost circulation at 4166', pulled 5 stds and mixed mud to raise LCM.

LS: crm/lt brn, micro-m xtal, some silty/sndy, some chalky, foss frags/fusln/grainy, mostly dense w/min crs fusln por, no odor, ns.

LS: crm/min lt gry, micro-m xtal, some silty/sndy, chalky, foss frags/min fusln, no vis por, no odor, ns.

SH: dk gry/blk, silty, carb, firm, fissile.

LS: crm/lt-m brn, micro-m xtal, some silty, some chalky, min pyritic, min crm/lt gry chert, foss frags/fusln, no vis por, no odor, ns.

LS: wht/crm/lt-m gry/lt-m brn, micro-m xtal, some silty/sndy, some chalky, abund foss frags/dense ool/dense coquina, no vis por, no odor, ns.

LS: crm/lt gry, micro-m xtal, chalky, wht/lt gry chert, min foss frags, no vis por, no odor, ns.

SH: dk gry/blk, silty, slt carb, firm, fissle.

LS: crm/lt-m brn, micro-m xtal, pyritic, wht/lt gry chert, min foss frags, no vis por, no odor, ns.

SH: lt-dk gry/blk/green-gry, some vry silty/sndy, carb, firm, fissile.

LS: crm/lt brn/lt gry, micro-m xtal, some silty/sndy, some chalky/arg, wht/crm chert, min foss frags, no vis por, no odor, ns.

LS: crm/lt-m brn/lt gry, micro-m xtal, some silty/chalky, wht/lt gry chert, foss frags, 12 pcs w/sfo w/vf-m in-xtal por, dul yel fluor, gd odor, gd sfo.

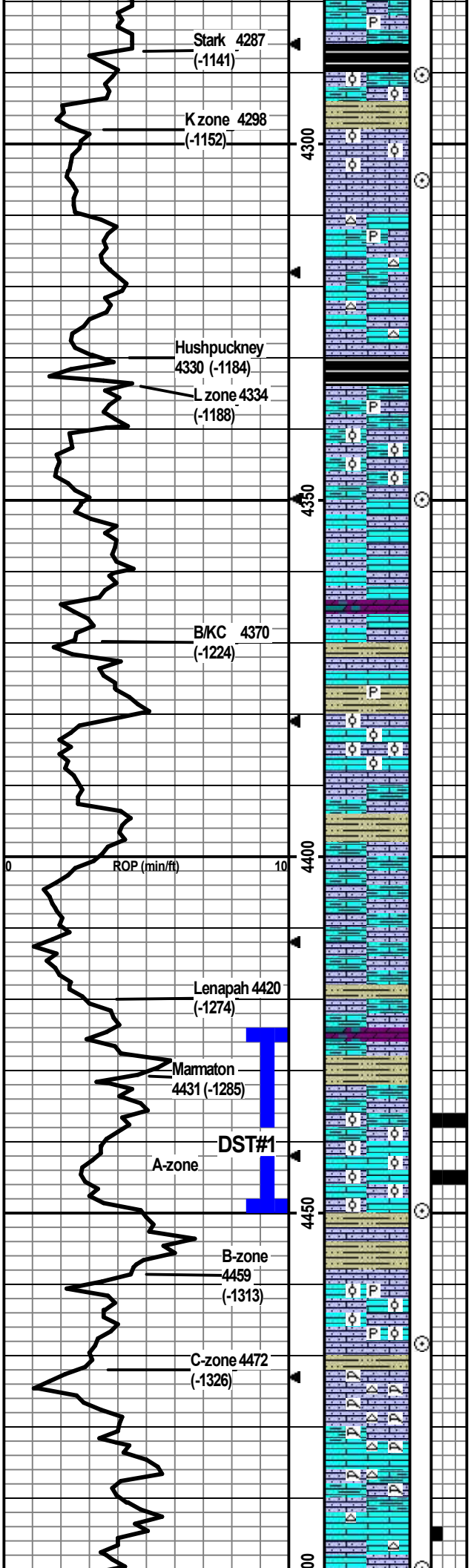
LS: crm/lt brn/lt gry, micro-m xtal, some silty/chalky, wht/lt gry chert, min foss frags, no vis por, no odor, ns.

LS: crm/lt brn, micro-m xtal, some chalky, min foss frags w/abund ool, crs oo-castic por, no odor, ns.

Sample not collected. Assume LS as above.

24 stand wiper trip at 4305' (came up to ~2900, above bit

LS: crm/lt-m brn/lt gry, micro-m xtal, some silty/chalky/arg, min pyritic, foss



trip at 3509').

frags, no vis por, no odor, ns (couple sm rounded pcs w/sfo from above).

SH: blk, some silty, carb, firm, fissile.

LS: crm/lt gry, micro-m xtal, silty/sndy, some arg, chalky abund foss frags/ool, f-m in-xtal/in-ool por, no odor, ns.

CFS @ 4290'
Stop/30"/60"

SH: lt gry/lt gry-brn/lt green-gry, some vry silty/sndy, carb, soft-firm.

LS: crm/lt-m brn/lt gry, micro-m xtal, silty/sndy, chalky, abund foss frags/ool/grainy/coquina, f-crs in-xtal/in-ool por w/crs-vug oo-castic por, no odor, ns.

CFS @ 4305'
Stop/30"/60"

LS: crm/lt brn/lt gry-brn, micro-m xtal, some silty, some chalky, wht chert, min arg w/pyrite, foss frags, no vis por, no odor, ns.

LS: crm/lt brn/lt gry, micro-m xtal w/2ndry xtals, some silty, chalky, wht/lt gry chert, foss frags, some f-m in-xtal por, no odor, ns.

SH: dk gry/dk brn/blk, silty, slt carb, firm, no odor, ns.

LS: crm/lt gry/lt-m brn, micro-m xtal, some vry silty/sndy, some chalky, arg, pyritic, min foss frags, no vis por, no odor, ns.

LS: crm/lt-m brn w/some gry, micro-m xtal, vry silty/sndy, arg, smpl vry chalky, foss frags/ool/grainy, f-m in-xtal/in-ool por w/crs oo-castic por, no odor, ns.

CFS @ 4350'
Stop/30"/60"

LS: crm/lt gry, micro-f xtal, some silty, some chalky, min foss frags, min vf-m in-xtal por, no odor, ns.

LS: crm/lt brn/lt gry, micro-f xtal, some sndy, some chalky, some dolomitic, min wht/lt gry chert, min foss frags, no vis por, no odor, ns.

LS: crm/lt-m brn, micro-m xtal, some silty, some chalky, min foss frags, no vis por, no odor, ns.

SH: m-dk gry/blk/dk brn, vry silty, pyritic, firm, no odor, ns.

LS: crm/lt brn, micro-m xtal, some silty, some chalky, foss frags/abund ool, vf-m in-xtal/in-ool por w/m-crs oo-castic por, no odor, ns.

**DST1) 4424-4450
Marmaton A - zone**

LS: lt-m gry/gry-brn, vf-m xtal, vry silty, vry arg, chalky, foss frags, no vis por, no odor, ns.

SH: m-dk gry/dk gry-brn, vry silty, carb, soft-firm.

LS: crm/lt-m bry/lt gry, f-m xtal, some vry silty, arg, chalky, foss frags/dense ool, no vis por, no odor, ns; Some Sltstn: gry, arg, soft/friable.

30/30/45/60
1st) BOB blow at 5min; BB built to 9".
2nd) BOB blow at 6min; BB built to 5.75" then fell to 4.5".
IFP 75-232#
ISIP 1139#
FFP 244-405#
FSIP 1162#
HP 2224-2168#
Recvd: 850' GIP, 820' CGO (40%G, 60%O), 180' GOCM (25%G, 30%O, 45%M).

LS: lt-dk brn/lt gry, vf-m xtal, vry silty/sndy, vry arg, chalky, min foss frags, no vis por, no odor, ns; Some Sltstn/SS: brn/lt green-gry, arg, soft/friable.

LS: crm/lt-m brn, micro-m xtal, some vry silty/sndy, some arg, chalky, some dolomitic, foss frags, some vf-f in-xtal por, no odor, ns.

SH: lt-m gry, vry silty/sndy, carb, soft-firm.

LS: crm/lt-m brn, micro-m xtal, some vry silty/sndy, arg, chalky, foss frags/ool, 22 pcs w/sfo w/f-vug in-xtal/in-ool por, yel fluor, slt odor, gd sfo.

LS: crm/lt brn, vf-m xtal, some silty/sndy, some chalky, foss frags/abund ool, aprox 50% of tray w/sfo, f-vug in-xtal/in-oo por, yel fluor, stg odor, sheen on water, vry gd sfo.

CFS @ 4450'
Stop/30"/60"

SH: lt-dk gry/red-brn/gry-green/dk maroon, some vry silty/friable, slt carb, soft-firm, no odor, ns.

LS: wht/crm/lt brn, micro-m xtal w/some crs 2ndry xtal, some silty, chalky, min pyritic, foss frags/dense ool, mostly dense w/min crs-vug oo-castic por, no odor, ns.

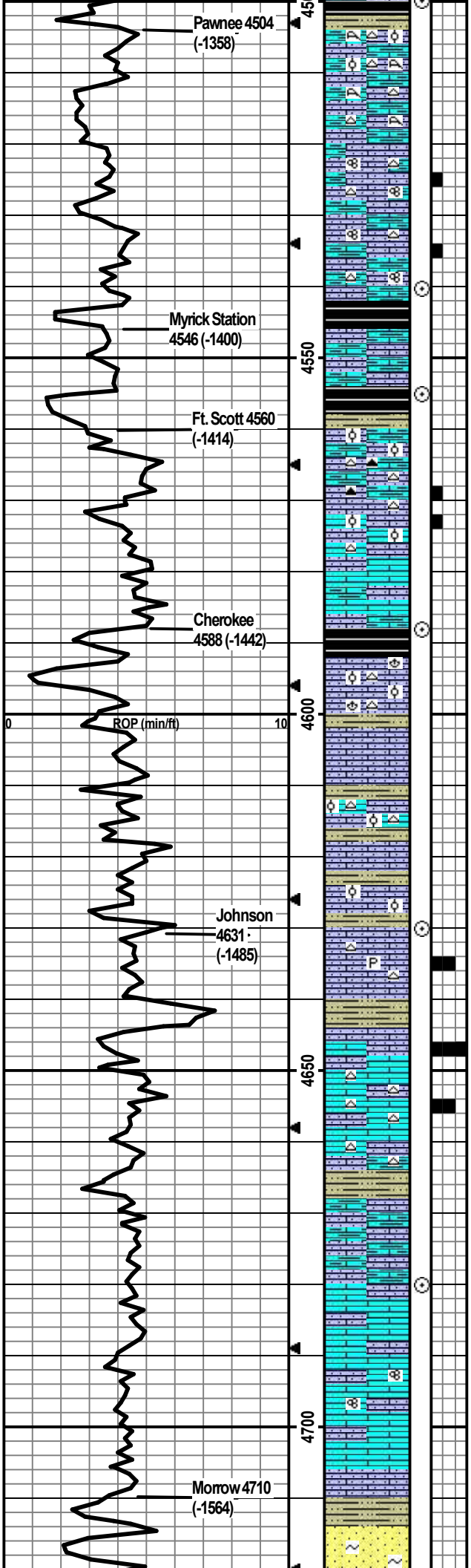
CFS @ 4468'
Stop/30"/60"

LS: wht/crm/lt brn, micro-m xtal, some silty, some chalky, wht/lt gry/crm chert, foss frags w/abund opaque coral, mostly dense w/crs square/tubular por in coral, no odor, ns.

LS: crm/lt-m brn, micro-m xtal, some silty/arg/chalky, gry/lt brn chert, foss frags w/coral as above, mostly dense w/crs coral por as above, no odor, ns.

LS: crm/lt-m brn, micro-m xtal, min silty/chalky, lt brn chert, min foss frags, dense/no vis por, no odor, ns; 1 pce of brn fractured chert w/a drop of oil.

CFS @ 4500'



SH: m-dk gry/blk, silty, carb, firm.

LS: lt-m brn/lt-m gry, f-m xtal, silty/sndy, arg, some chalky, foss lt brn chert, foss frags/dense ool/coral, min ppt-m in-xtal por w/crs tubular coral por, no odor, ns.

CFS @ 4500'
Stop/30"/60"

LS: crm/lt gry/lt brn, micro-m xtal, vry silty, arg, chalky, pyritic, foss crm/lt brn chert, min foss frags/dense coral, no vis por, no odor, ns.

LS: crm/lt brn/min lt gry, micro-m xtal, vry silty/sndy, arg, lt brn foss chert, foss frags/fusln, 8 pcs w/staining w/fo on break, ppt-vf in-xtal por, dul yel fluor, slt odor, ssfo.

LS: crm/lt brn/lt-m gry, micro-m xtal, vry silty/sndy, arg, wht/lt brn chert, foss frags/fusln, 8 pcs w/sfo w/vf-m in-xtal por, dul yel fluor, slt odor, sfo.

CFS @ 4540'
Stop/30"/60"

SH: m-dk gry/blk, some silty, slt carb, firm, fissile.

LS: crm/lt gry/lt-m gry-brn, micro-f xtal, some vry silty, some arg, min foss frags, no vis por, no odor, ns.

CFS @ 4555'
Stop/30"/60"

SH: dk gry/blk, some silty, carb, firm, fissile.

LS: crm/lt brn/lt gry, micro-m xtal, some silty/arg/chalky, lt-dk gry/brn chert, foss frags/ool, 9 ool pcs w/sfo, dul yel fluor, vf-m in-ool por, slt odor, sfo.

LS: crm/lt brn, micro-f xtal, some silty, min lt gry chert, min foss frags/ool, 6 ool pcs w/staining/fo on break, dul yel fluor, vf-m in-ool por, no odor, sfo.

LS: crm/lt brn/lt-m gry-brn, some silty/arg, min foss frags, no vis por, 2 ool pcs poss from above w/staining, no odor, ns.

CFS @ 4588'
Stop/30"/60

SH: m-dk gry/blk, some vry silty, carb, soft-firm.

LS: crm/lt-m brn/lt-m gry, micro-m xtal, silty/arg, chalky, lt brn chert, abund foss frags/brac/dense ool, no vis por, no odor, ns.

LS: crm/lt-m brn, micro-m xtal w/some 2ndry, silty, chalky, foss frags, no vis por, no odor, ns.

SH: lt-dk gry/dk brn mottling, silty, carb, soft-firm.

LS: crm/lt-m brn, micro-m xtal, some silty, brn chert, foss frags/dense ool/grainy, no vis por, no odor, ns.

SH: m-dk gry/red brn/blk, vry silty, carb, soft-firm.

LS: wht/crm/lt brn/lt gry, micro-m xtal, some silty/chalky, foss frags/dense ool, min ppt-f in-xtal por, no odor, ns.

CFS @ 4630'
Stop/30"/60

LS: crm/lt-m brn/gry, micro-m xtal, silty, chalky, pyritic, brn chert, min foss frags, 17 pcs w/ppt-vf in-xtal por w/staining and yel cut on break, slt crush odor, ssfo.

LS: crm/lt-m brn, micro-f xtal, some silty, some vry chalky, min foss frags, aprox 40-50% w/staining/fo droplets on break, cut on break, slt odor, sfo.

LS: crm/lt-m brn, micro-f xtal, some silty, chalky, abund brn chert, min foss frags, 11 pcs w/staining/fo droplets on break, cut on break, slt odor, sfo.

SH: lt-dk gry/blk/green-gry, some LS nod, vry silty/sndy, carb, firm.

LS: lt-m brn/gry-brn, micro-m xtal, some vry silty/sndy, arg, chalky, brn chert, dense w/no vis por, no odor, ns; 2 pcs w/staining from above.

LS: crm/lt-m brn, micro-m xtal w/crs 2ndry xtal, silty/sndy, chalky, foss frags, no vis por, no odor, ns.

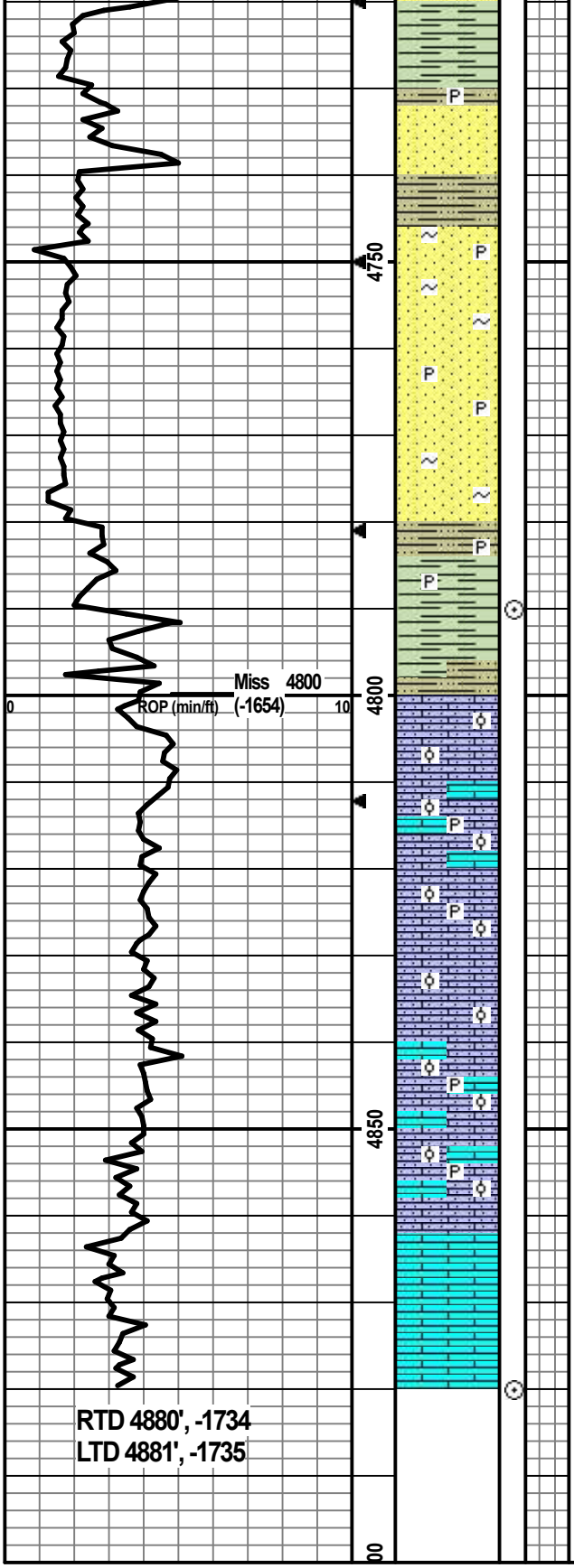
CFS @ 4680'
Stop/30"/60

LS: crm/lt-m brn/gry, micro-m xtal, some silty/chalky, min foss frags, no vis por, no odor, ns.

LS: lt-m brn, micro-m xtal, min silty/chalky, min foss frags/fusln, no vis por, no odor, ns.

LS: lt-m brn/min dk brn, micro-m xtal, min chalky, dk brn is vry sndy, min foss frags, no vis por, no odor, ns.

SS: wht/lt gry/green, pred qtz, vf-f, sr-wr, glauc, friable; min SH: lt-m gry/green/mustard yel, some silty, firm, no odor, ns.



SH: m-dk gry/blk/green, greasy, firm, few SS cluster from above, no odor, ns.

SH: m-dk gry/green/mustard yel, some sndy, some pyritic, greasy, firm.

SS: wht, opaque, qtz, f-m, sr-wr, clean, friable, no odor, ns.

SS: wht, opaque, qtz, f-crs, sr-wr, min glauc/pyritic, some carb matrix, semi-friable, no odor, ns.

SS: wht/min lt green, opaque, qtz, f-crs, sr-wr, min glauc, min arg, semi-friable, no odor, ns.

SS: wht, opaque, qtz, f-crs, sr-wr, min pyrite, semi-friable, no odor, ns.

SS: wht, opaque, qtz, f-crs, sr-wr, min glauc, semi-friable, no odor, ns.

SH: lt-dk gry/green/min red-brn, some vry silty/sndy, some pyritic, min slt carb, soft-firm, no odor, ns.

CFS @4790'
Stop/30"/60"

LS: wht/crm, vf-m xtal, vry silty/sndy, vry chalky, ool, no vis por, no odor, ns.

LS: wht/crm, micro-m xtal, some vry silty/sndy less than above, less chalky than above, some pyritic, foss frags/dense ool/grainy, no vis por, no odor, ns.

LS: wht/crm, micro-m xtal, vry silty/sndy, chalky, min pyrite, dense ool/grainy, no vis por, no odor, ns.

LS: wht/crm/min lt brn, micro-m xtal, some vry silty/sndy, less chalky/less ool than above, no vis por, no odor, ns.

LS: crm, vf-m xtal, some vry sndy/chalky, min pyrite, oolitic, no vis por, no odor, ns.

LS: crm/lt brn, micro-m xtal, some vry sndy/chalky, min pyrite, some oolitic, no vis por, no odor, ns.

LS: crm/lt brn, micro xtal, no vis por, no odor, ns.

LS: crm/lt brn/min lt gry, micro-f xtal, no vis por, no odor, ns.

TD @4880'

CFS @4880'
Stop/30"/60"
Did 10 std ST, then CTCH 1.5 hr, TOH for logging.

DRILL STEM TEST REPORT

Shakespeare Oil Co INC

202 W. Main St.
Salem, IL 62881

ATTN: Kent Matson

6-16S.-34W. Scott, KS

Edwards # 1-6

Job Ticket: 67651 **DST#: 1**

Test Start: 2021.07.04 @ 00:51:00

GENERAL INFORMATION:

Formation: **Marmaton " A "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:32:50
Time Test Ended: 09:34:19

Test Type: Conventional Bottom Hole (Initial)
Tester: Martine Salinas
Unit No: 82

Interval: 4424.00 ft (KB) To 4450.00 ft (KB) (TVD)
Total Depth: 4450.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

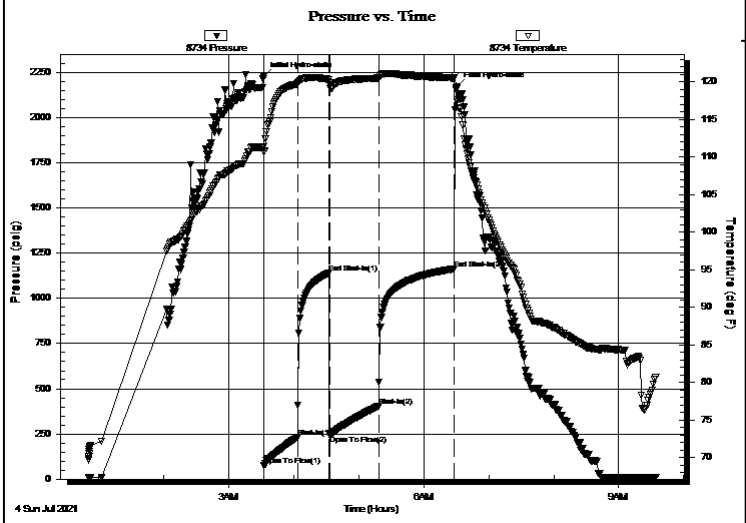
Reference Elevations: 3146.00 ft (KB)
3137.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8734 **Outside**

Press@RunDepth: 404.57 psig @ 4425.00 ft (KB)
Start Date: 2021.07.04 End Date: 2021.07.04
Start Time: 00:51:01 End Time: 09:34:19

Capacity: 8000.00 psig
Last Calib.: 2021.07.04
Time On Btm: 2021.07.04 @ 03:32:30
Time Off Btm: 2021.07.04 @ 06:30:50

TEST COMMENT: 30-IF-B.O.B (11 Inches) @ 5 mins (blow increased to 47")
30-ISI-Return blow built to 9"
45-FF-B.O.B @ 6 mins (blow built to 44")
60-FSI-Return blow built to 5 3/4" & decreased to 4 1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2223.98	111.36	Initial Hydro-static
1	74.67	110.64	Open To Flow (1)
32	231.55	119.71	Shut-In(1)
61	1138.53	120.30	End Shut-In(1)
61	244.33	119.53	Open To Flow (2)
107	404.57	120.49	Shut-In(2)
176	1162.13	120.43	End Shut-In(2)
179	2168.02	117.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	GOCM 25%G, 30%O, 45%M	0.93
820.00	CGO 40%G, 60%O	11.50
0.00	850' GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Shakespeare Oil Co INC

202 W. Main St.
Salem, IL 62881

ATTN: Kent Matson

6-16S.-34W. Scott, KS

Edwards # 1-6

Job Ticket: 67651 **DST#: 1**

Test Start: 2021.07.04 @ 00:51:00

GENERAL INFORMATION:

Formation: **Marmaton " A "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:32:50
Time Test Ended: 09:34:19

Test Type: Conventional Bottom Hole (Initial)
Tester: Martine Salinas
Unit No: 82

Interval: 4424.00 ft (KB) To 4450.00 ft (KB) (TVD)
Total Depth: 4450.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

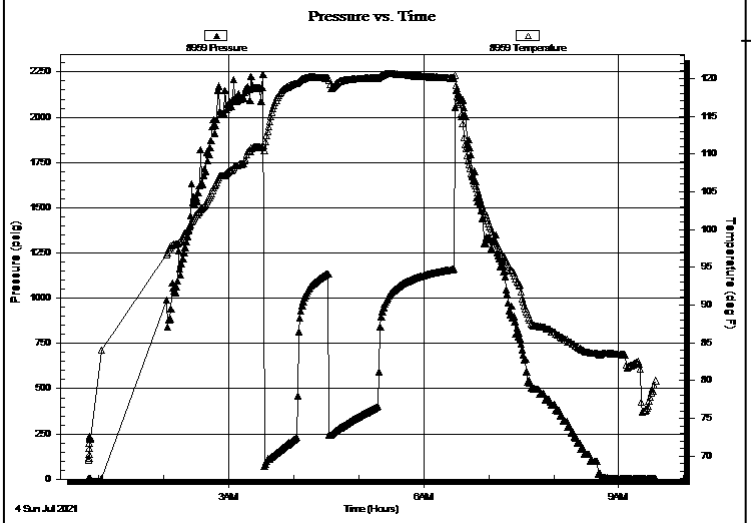
Reference Elevations: 3146.00 ft (KB)
3137.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8959 **Inside**

Press@RunDepth: psig @ 4425.00 ft (KB)
Start Date: 2021.07.04 End Date: 2021.07.04
Start Time: 00:51:01 End Time: 09:34:10

Capacity: 8000.00 psig
Last Calib.: 2021.07.04
Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IF-B.O.B (11 Inches) @ 5 mins (blow increased to 47")
30-ISI-Return blow built to 9"
45-FF-B.O.B @ 6 mins (blow built to 44")
60-FSI-Return blow built to 5 3/4" & decreased to 4 1/2"



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
180.00	GOCM 25%G, 30%O, 45%M	0.93
820.00	CGO 40%G, 60%O	11.50
0.00	850' GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co INC

202 W. Main St.
Salem, IL 62881

ATTN: Kent Matson

6-16S.-34W. Scott, KS

Edwards # 1-6

Job Ticket: 67651 **DST#: 1**

Test Start: 2021.07.04 @ 00:51:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	28.6 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2800.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	GOCM 25%G, 30%O, 45%M	0.931
820.00	CGO 40%G, 60%O	11.502
0.00	850' GIP	0.000

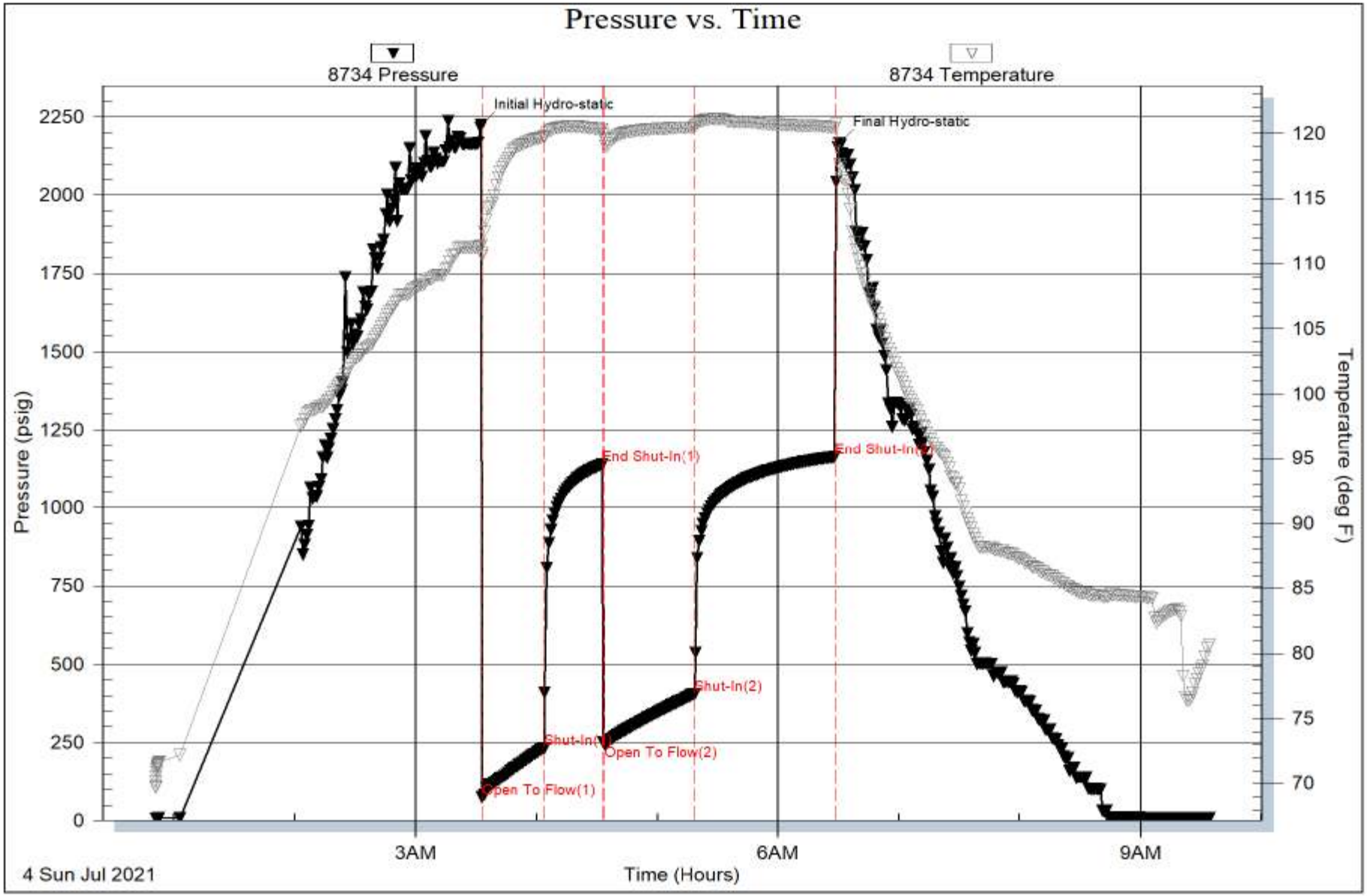
Total Length: 1000.00 ft Total Volume: 12.433 bbl

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

Laboratory Name: Laboratory Location:

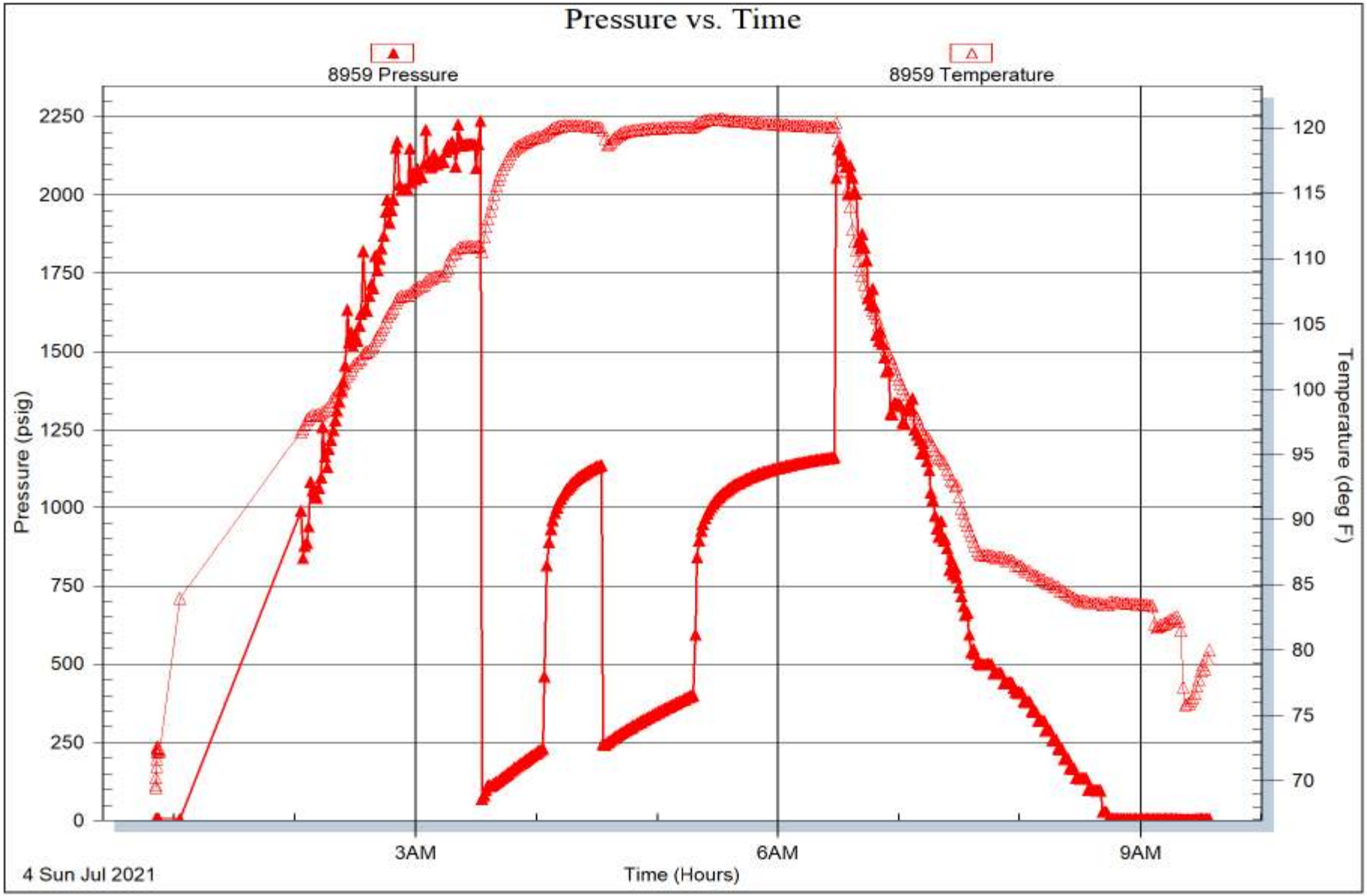
Recovery Comments: Gravity of oil = 30.6 @ 80 degs corrected to 28.6 @ 60 degs

Serial #: 8734 **Outside** Shakespeare Oil Co INC Edw ards # 1-6 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 67651 Printed: 2021.07.04 @ 09:53:04

Serial #: 8959 **Inside** Shakespeare Oil Co INC Edw ards # 1-6 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 67651 Printed: 2021.07.04 @ 09:53:05

HURRICANE SERVICES INC

RECEIVED
JUL 12 2021

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

Customer:

SHAKESPEARE OIL CO INC
202 W MAIN
SALEM, IL 62881

INT

Invoice Date:	6/29/2021
Invoice #:	0353846
Lease Name:	Edwards
Well #:	1-6 (New)
County:	Scott, Ks
Job Number:	WP1535
District:	Oakley

Date/Description	HRS/QTY	Rate	Total
8.625" Surface	0.000	0.000	0.00
H-325	190.000	17.600	3,344.00
Light Eq Mileage	70.000	1.760	123.20
Heavy Eq Mileage	70.000	3.520	246.40
Ton Mileage	627.000	1.320	827.64
Cement Pump Service	1.000	880.000	880.00

502-8
9n

DW

Total 5,421.24

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!

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

Customer	Shakespeare Oil Co.	Lease & Well #	Edwards 1-6			Date	6/29/2021
Service District	Oakley KS	County & State	Scott KS	Legals S/T/R	6-16S-34W	Job #	
Job Type	8.625" surface	☑ PROD ☐ INJ ☐ SWD		New Well?	☑ YES ☐ No	Ticket #	WP 1535

Equipment #	Driver
78	Fennis
230	Mike
242	Hugo

Job Safety Analysis - A Discussion of Hazards & Safety Procedures

☑ Hard hat	☑ Gloves	☐ Lockout/Tagout	☐ Warning Signs & Flagging
☑ H2S Monitor	☑ Eye Protection	☐ Required Permits	☐ Fall Protection
☑ Safety Footwear	☐ Respiratory Protection	☑ Slip/Trip/Fall Hazards	☐ Specific Job Sequence/Expectations
☑ FRC/Protective Clothing	☐ Additional Chemical/Acid PPE	☑ Overhead Hazards	☑ Muster Point/Medical Locations
☑ Hearing Protection	☑ Fire Extinguisher	☐ Additional concerns or issues noted below	

Comments

Muster point entrance to location. Person in charge of head count Fennis. Nearest hospital Scott City KS. Emergency phone # 911

Product/ Service Code	Description	Unit of Measure	Quantity			Net Amount
CP015	H-325	sack	190.00			$3,344.00
M015	Light Equipment Mileage	mi	70.00			$123.20
M010	Heavy Equipment Mileage	mi	70.00			$246.40
M020	Ton Mileage	tm	627.00			$827.64
D010	Depth Charge: 0'-500'	job	1.00			$880.00

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?

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely

			Net:	$5,421.24
Total Taxable	$ -	Tax Rate:		
State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.			Sale Tax:	$ -
			Total:	$ 5,421.24

HSI Representative: *Fennis Garduno*

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 ½% 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 fom 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 informaiton in determining taxable services.

X_____ **CUSTOMER AUTHORIZATION SIGNATURE**

ftv: 13-2021/01/19
mplv: 105-2021/01/27

CEMENT TREATMENT REPORT

Customer:	Shakespeare Oil Co.	Well:	Edwards 1-6	Ticket:	WP 1535
City, State:		County:	Scott KS	Date:	6/29/2021
Field Rep:	Fennis Garduno	S-T-R:	6-16S-34W	Service:	8.625" surface

Downhole Information	
Hole Size:	12.25 in
Hole Depth:	268 ft
Casing Size:	8 5/8 in
Casing Depth:	251.5 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	15.5 bbls

Calculated Slurry - Lead	
Blend:	H-325
Weight:	14.8 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.42 ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	bbls
Excess:	
Total Slurry:	48.0 bbls
Total Sacks:	190 sx

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
9:45 PM			-	-	Journey management meeting
10:00 PM				-	Convoy to location
11:15 PM				-	Arrive on location
11:20 PM				-	Safety meeting
11:30 PM				-	Spot in / rig up equipment
12:15 AM		150.0		-	Rig land casing & circulate
12:30 AM	4.5	150.0	5.0	5.0	Hook cementing equipment to casing pump fresh water spacer
12:35 AM	4.5	300.0	48.0	53.0	Mix 190 sx H-325 @ 14.8 ppg
12:45 AM	4.5	200.0		53.0	Start displacement with fresh water leaving 20' shoe
1:00 PM		220.0	15.5	68.5	S/D shut in casing with 220 psi on it
				68.5	
					CIRCULATED 5 BBLS CEMENT TO SURFACE

CREW		UNIT
Cementer:	Fennis	78
Pump Operator:	Mike	230
Bulk #1:	Hugo	242
Bulk #2:		

SUMMARY		
Average Rate	Average Pressure	Total Fluid
4.5 bpm	204 psi	69 bbls

ftv: 13-2021/01/19
mplv: 105-2021/01/27

SWIFT Services, Inc.
P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300

Invoice

DATE	INVOICE #
7/7/2021	35116

BILL TO

Shakespeare Oil Company, Inc
202 West Main Street
Salem, IL 62881

RECEIVED
JUL 19 2021

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-6	Edwards	Scott	Duke Drilling	Oil	Development	Long String	David E

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	80	Miles	5.00	400.00
578D-L	Pump Charge - Long String	1	Job	1,400.00	1,400.00
290	D-Air	2	Gallon(s)	42.00	84.00T
281	Mud Flush	500	Gallon(s)	1.50	750.00T
221	Liquid KCL (Clayfix)	2	Gallon(s)	25.00	50.00
325	Standard Cement	225	Sacks	13.50	3,037.50T
284	Calseal	10	Sack(s)	40.00	400.00T
283	Salt	1,200	Lb(s)	0.25	300.00T
292	Halad 322	200	Lb(s)	8.50	1,700.00T
277	Gilsonite (Coal Seal)	1,125	Lb(s)	1.25	1,406.25T
276	Flocele	25	Lb(s)	3.00	75.00T
581D	Service Charge Cement	225	Sacks	1.85	416.25
583D	Drayage	988	Ton Miles	0.95	938.60
	Subtotal				10,957.60
	Sales Tax Scott County			8.50%	658.98

INT

502-5 Qu

We Appreciate Your Business!

Total DW $11,616.58

SWIFT Services, Inc.

CHARGE TO: Shakespeare
ADDRESS
CITY, STATE, ZIP CODE

TICKET 35116

PAGE 1 OF

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. Hays Ks	1-6	Edwards	Scott	Ks		7-7-21	
2. Ness City Ks	TICKET TYPE ☐ SERVICE ☐ SALES — CONTRACTOR: Duke Drilling	RIG NAME/NO.	SHIPPED VIA: CT	DELIVERED TO: location		ORDER NO.	
3.	WELL TYPE: oil	WELL CATEGORY: development	JOB PURPOSE: Long String		WELL PERMIT NO.	WELL LOCATION	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
575		1			MILEAGE Trk # 111	80	Mi			5 00	400 00
578		1			Pump Charge - Long String	1	EA			1400 00	1400 00
290		1			D-Air	2	Gal			42 00	84
281		1			Mudflush	500	Gal			1 50	750 00
221		1			Liquid KCl	2	Gal			25 00	50 00
325		2			Standard Cement	225	sx			13 50	3037 50
284		2			Calseal	10	sx			40 00	400 00
283		2			Salt	1200	lbs			25	300 00
292		2			Halad-322	200	lbs			8 50	1700 00
277		2			Coal Seal	1125	lbs			1 25	1406 25
276		2			Flocele	25	lbs			3 00	75 00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

X

DATE SIGNED | TIME SIGNED ☐ A.M. ☐ P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UNDECIDED	DISAGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			

ARE YOU SATISFIED WITH OUR SERVICE? ☐ YES ☐ NO
☐ CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL P. 1	9602 75
P. 2	1354 85
Inf	10957 60
TAX Scott	658 98
TOTAL	11616 58

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR | APPROVAL

Thank You!

SWIFT Services, Inc.

PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 35116

CUSTOMER: Shakespeare Oil | WELL: | DATE: 7-7-21 | PAGE 2 OF 3

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	TIME	DESCRIPTION	QTY	U/M	QTY	U/M	UNIT PRICE	AMOUNT
581		2				SERVICE CHARGE CEMENT	CUBIC FEET 225	SX			1 85	416 25
583		2				MILEAGE CHARGE TOTAL WEIGHT 24700 LOADED MILES 80	TON MILES 988				95	938 60
											CONTINUATION TOTAL	1354 85

JOB LOG

SWIFT Services, Inc.

DATE 7-7-21 | PAGE NO.

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
Shakespeare	1-6	Edwards	Long String	35116

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0000							ON location
								4½ csg
								RTD - 4881
								Port Collar -
	2000							Break Circ on Bottom
	300	2.5	8			0		Plug rat hole - 30 sx
		5.5	12			300		Pump mudflush - 500 Gal
		5.5	20			300		Pump KCL spacer
		4	46			200		Pump Cmt - 195 sx @ 15.5 ppg
								Drop plug - wash P+L
		5	0			200		Start Disp
	400	5	77			800		Land plug @ 1700 psi
								Release psi - Dry
								Job Complete
								Thanks
								David, Zach & Isaac

SWIFT Services, Inc.
P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300

Invoice

DATE	INVOICE #
7/13/2021	33861

BILL TO

Shakespeare Oil Company, Inc
202 West Main Street
Salem, IL 62881

RECEIVED
JUL 19 2021

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-6	Edwards	Scott	Cheyenne	Oil	Development	Port Collar	Gideon

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	90	Miles	5.00	450.00
576D-D	Pump Charge - Deep Surface (> 500 Ft.) & Port Collars	1	Job	1,400.00	1,400.00
330	Swift Multi-Density Standard (MIDCON II)	250	Sacks	17.00	4,250.00T
276	Flocele	100	Lb(s)	3.00	300.00T
275	Cotton Seed Hulls	3	Sack(s)	35.00	105.00T
290	D-Air	3	Gallon(s)	42.00	126.00T
581D	Service Charge Cement	350	Sacks	1.85	647.50
583D	Drayage	1,568	Ton Miles	0.95	1,489.60
	Subtotal				8,768.10
	Sales Tax Scott County			8.50%	406.39

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502-5
9u

We Appreciate Your Business!

Total $9,174.49 ✓

DW

SWIFT Services, Inc.

CHARGE TO: Shakespeare Oil + Gas
ADDRESS
CITY, STATE, ZIP CODE

TICKET 33861

PAGE 1 OF 1

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. Ness City, KS	1-6	Edwards	Scott	KS	Pence	7-13-2021	
2.	TICKET TYPE ☒ SERVICE ☐ SALES / CONTRACTOR: Cheyenne	RIG NAME/NO.	SHIPPED VIA: CT	DELIVERED TO: Location	ORDER NO.		
3.	WELL TYPE: Oil	WELL CATEGORY: Development	JOB PURPOSE: Port Collar	WELL PERMIT NO.	WELL LOCATION: Pence, 3-W, 3-N		
4.					E-into		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
575		1			MILEAGE Trk #112			90	Mi	5 00	450 00
576D		1			Pump Charge - Port Collar			1	job	1400 00	1400 00
330		1			SMD Cement			250	sks	17 00	4250 00
276		1			Flocele			100	lbs	3 00	300 00
275		1			Cotton Seed Hulls			3	sks	35 00	105 00
290		1			D-Air			3	gal	42 00	126 00
581		1			CMT Service Charge			390	sks	1 65	643 50
583		1			Drayage	34,830	lbs	1568	TM	Ø 95	1489 60
										PAGE TOTAL 1	8768 10
										TAX Scott	406 39
										TOTAL	9174 49

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

X

DATE SIGNED 7-13-2021 | TIME SIGNED 12:15 ☐ A.M. ☐ P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UNDECIDED	DISAGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			

ARE YOU SATISFIED WITH OUR SERVICE? ☐ YES ☐ NO
☐ CUSTOMER DID NOT WISH TO RESPOND

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Gideon Finch | APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 7-13-2021 | PAGE NO. 1

CUSTOMER Shakespeare Oil | WELL NO. 1-G | LEASE Edwards | JOB TYPE Port Collar | TICKET NO. 33801

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0900							ON Location 2 3/8" x 4 1/2
								PC: 2423
	0945	Ø	-		✓		1000	Test BS to 1,000 PSI *Held* - Release PSI
	0950							Open PC
	0955	3 1/2	4	✓		500		Injection Rate
	1000	3 1/2	138	✓		460		Mix 250 sks of SMD @ 11.2 ppg 250# of Hulls used throughout CMT
	1045	3 1/2	8.5	✓		550		Displace CMT
	1050							Close PC
	1055	Ø	-	✓		1,000		P. Test to 1,000 *Held*
	1100							Run 5 Jts
	1115	3	25		✓		500	Reverse Clean
	1130							Wash up Trk #112
	1200							Job Complete
								250 sks of SMD - 1/4# Flo + 250# of Hulls used *20 sks to the Pit*
								Thanks!
								Gideon, Kesley, Isaac