

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

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Name	Top	Datum
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:					

<div style="text-align: center;"> CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production, etc. </div>							
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 (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water	Bbls.	Gas-Oil Ratio Gravity

<p>DISPOSITION OF GAS:</p> <p><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease</p> <p><i>(If vented, Submit ACO-18.)</i></p>	<p>METHOD OF COMPLETION:</p> <p><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled</p> <p><i>(Submit ACO-5)</i> <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i></p>	<p>PRODUCTION INTERVAL:</p> <p>Top Bottom</p>	

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)

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Patterson Energy LLC
Well Name	SCHLESSIGER 2
Doc ID	1823649

Tops

Name	Top	Datum
Anhydrite	521	1264
Topeka	2665	-880
Heebner	2914	-1129
Toronto	2934	-1149
Lansing	3057	-1272
B/KC	3268	-1483
Arbuckle	3278	-1493
LTD	3400	-1615

Form	ACO1 - Well Completion
Operator	Patterson Energy LLC
Well Name	SCHLESSIGER 2
Doc ID	1823649

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	560	60/40	375	3%cc2%g
Production	7.875	5.5	15.5	3395	Common	200	10%s5%g

AUSTIN B. KLAUS

Cell 785.650.3629
Work 785.483.3145
Ext 225

PO BOX 352
Russell, KS 67665
austin.klaus@johnofarmer.com

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

Well Name:	Schlessiger #2		
API:	15-009-26438		
Location:	Barton County		
License Number:		Region:	Kansas
Spud Date:	10/30/2024	Drilling Completed:	11/3/2024
Surface Coordinates:	Section 18, Township 20 South, Range 11 West		
	1234' FSL & 670' FEL		
Bottom Hole Coordinates:	Vertical well w/ minimal deviation, same as above		
Ground Elevation (ft):	1,777	K.B. Elevation (ft):	1,785
Logged Interval (ft):	00	To: 3,398	Total Depth (ft): 3,400
Formation:	Topeka - Arbuckle		
Type of Drilling Fluid:	Chemical (Andy's Mud & Chemical Co.)		

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

OPERATOR

Company: Patterson Energy, LLC
Address: PO Box 400
Hays, KS 67601

GEOLOGIST

Name: Austin Klaus
Company: John O. Farmer, Inc.
Address: PO Box 352
Russell, KS 67665





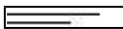
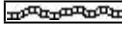




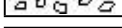
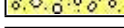

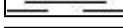

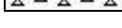


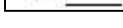
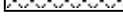
Comments

The Schlessiger #2 was drilled by Discovery Drilling Company Rig #2 (Tool Pusher: Travis Schmidt).

Drill time was recorded, and rock samples were collected and evaluated from 2,650'- 3,400'. Oil shows were encountered in several Lansing/Kansas City zones and Arbuckle (see below). Structurally, the LKC top was picked a few feet low to the comparison well, located 130' north/northwest (KOWALSKY P. B 8#, 9/2004). Structure remained consistent, and the Arbuckle top was also picked a few feet low to the comparison well.

On November 4th, 2024, 5-1/2" casing was set to further evaluate the Schlessiger #2.

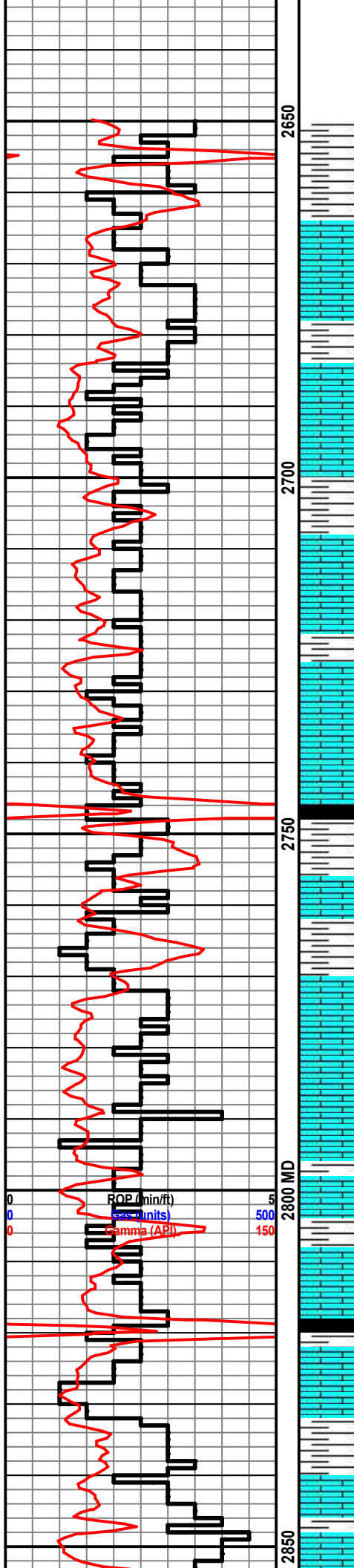
ROCK TYPES

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

OTHER SYMBOLS

POROSITY	<input checked="" type="checkbox"/> Vuggy	ROUNDING	<input checked="" type="checkbox"/> Spotted	EVENT
<input checked="" type="checkbox"/> Earthy		<input checked="" type="checkbox"/> Rounded	<input checked="" type="checkbox"/> Ques	<input checked="" type="checkbox"/> Rft
<input checked="" type="checkbox"/> Fenest	SORTING	<input checked="" type="checkbox"/> Subrnd	<input checked="" type="checkbox"/> Dead	<input checked="" type="checkbox"/> Sidewall
<input checked="" type="checkbox"/> Fracture	<input checked="" type="checkbox"/> Well	<input checked="" type="checkbox"/> Subang		
<input checked="" type="checkbox"/> Inter	<input checked="" type="checkbox"/> Moderate	<input checked="" type="checkbox"/> Angular	INTERVAL	
<input checked="" type="checkbox"/> Moldic	<input checked="" type="checkbox"/> Poor		<input checked="" type="checkbox"/> Core	
<input checked="" type="checkbox"/> Organic		OIL SHOW	<input checked="" type="checkbox"/> Dst	
<input checked="" type="checkbox"/> Pinpoint		<input checked="" type="checkbox"/> Even		

Curve Track 1		MD	Lithology	Oil Shows	Geological Descriptions	DST/Mud/Survey																											
ROP (min/ft)																																	
Gas (units)																																	
Gamma (API)																																	
0	5	25			<p>The open-hole logging was performed by Mr. Colby Dreiling with Gemini Wireline, LLC (Hays, KS). Logs included: Compensated Density Neutron, Dual Induction, Microresistivity.</p> <p>Formation tops and datums from the open-hole logs include the following:</p> <table><tr><th>Formation</th><th>E-Log</th><th>Datum</th></tr><tr><td>Anhydrite</td><td>521</td><td>1264</td></tr><tr><td>Topeka</td><td>2665</td><td>-880</td></tr><tr><td>Heebner</td><td>2914</td><td>-1129</td></tr><tr><td>Toronto</td><td>2934</td><td>-1149</td></tr><tr><td>Lansing</td><td>3057</td><td>-1272</td></tr><tr><td>B/KC</td><td>3268</td><td>-1483</td></tr><tr><td>Arbuckle</td><td>3278</td><td>-1493</td></tr><tr><td>LTD</td><td>3400</td><td>-1615</td></tr></table>	Formation	E-Log	Datum	Anhydrite	521	1264	Topeka	2665	-880	Heebner	2914	-1129	Toronto	2934	-1149	Lansing	3057	-1272	B/KC	3268	-1483	Arbuckle	3278	-1493	LTD	3400	-1615	<p>Mud Engineer: Kirk Werth</p> <p>Tester: No DST's</p>
Formation	E-Log	Datum																															
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LTD	3400	-1615																															
0	500																																
0	150																																
Daily Activity:																																	
10/30/2024:																																	
Spud @ 2:00PM																																	
10/31/2024:																																	
540', WOC																																	
11/1/2024:																																	
1,680', drilling																																	
11/2/2024:																																	
2,520', drilling																																	
11/3/2024:																																	
(3,155', drilling																																	
0																																	
11/4/2024:																																	
3,400', lay down drill pipe																																	



Sh: lt-drk gry

Topeka 2663' (-878)

Ls: off wh-lt gry, fn-sub, mostly DNS, NSFO

Ls: lt gry-tan, fn xln, mostly DNS, scat foss, scat pp vuggy porosity

Sh: lt-drk gry

Ls: lt gry-tan-cm, fn xln, scat foss, fair int xln & pp vuggy porosity, NSFO

Ls: tan-gry, fn-md xln, scat foss, mostly DNS, NSFO

Sh: drk gry-blk

Ls: tan-gry, fn-md xln, scat foss, scat int xln porosity, NSFO

Sh: lt-drk gry

Ls: tan-lt gry, fn-sub xln, DNS

Ls: tan-gry, fn xln, scat-poor int xln porosity, NSFO

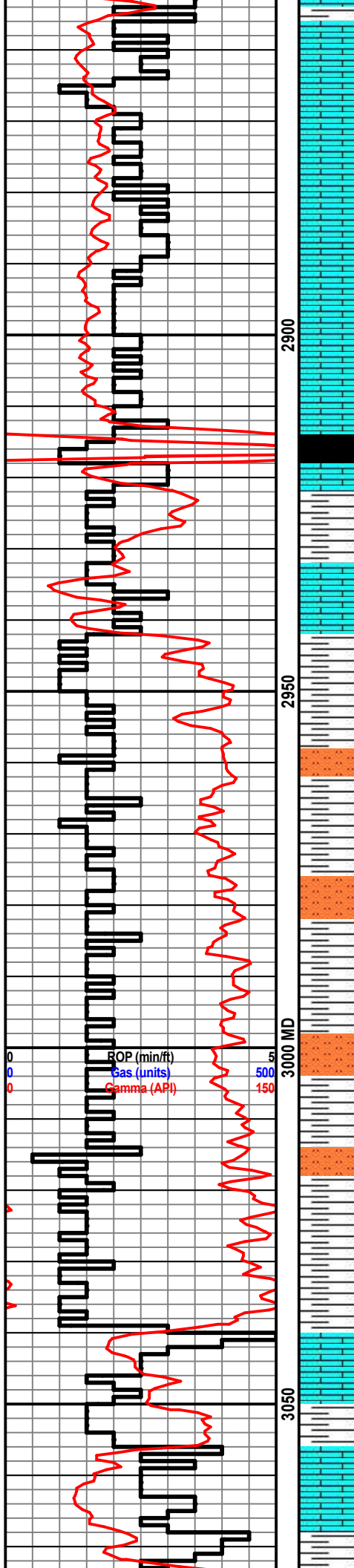
Ls: tan-gry, fn-sub xln, mostly DNS

Sh: lt-drk gry-blk

Ls: tan-gry, fn xln, scat foss, fair int xln porosity, NSFO

Sh: lt-drk gry-blk

Wt: 8.8
Vis: 55



Ls: tan-gry, fn xln, mostly DNS, NSFO

Ls: tan-gry, fn-sub xln, mostly DNS, scat chalk

Ls: off wh-tan, fn xln, fair int xln & vuggy porosity, scat oil stn in porosity, vry sl odor

Ls: off wh-tan, fn xln, poor int xln porosity, NSFO

Heebner 2915' (-1130)

Sh: blk, carb, fissile

Toronto 2929' (-1144)

Ls: off wh-tan, fn xln, fair int xln & pp vuggy porosity in few rxs, scat foss, NSFO

Sh: lt gry-bm

Sh: lt-drk gry

Sh: lt-drk gry, scat sltstn

Sh: lt gry

Ss: lt gry, scat sltstn

Ss: ala

Sh: lt gry-gm

Brown Lime 3049' (-1264)

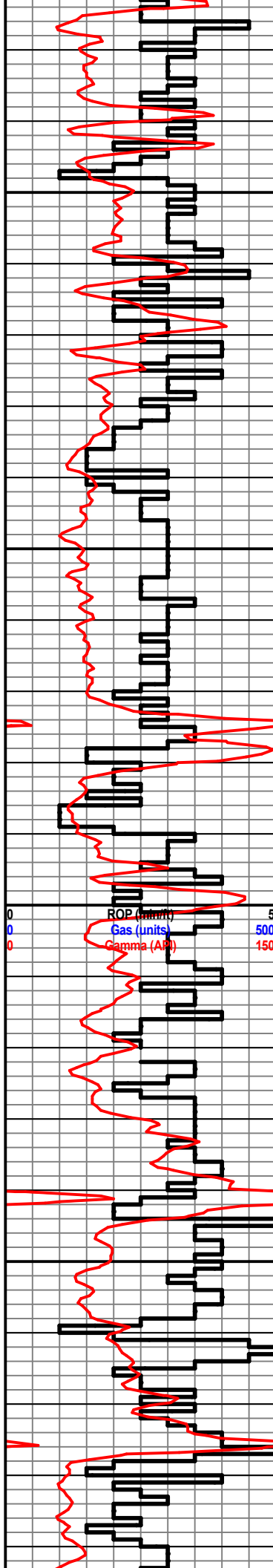
Ls: off wh-tan-gry, fn xln, poor int xln porosity, NSFO

Sh: lt-drk gry

Lansing 3055' (-1270)

Ls: tan-lt gry, fn xln, scat fair pinpoint vuggy & int xln porosity, scat drk tarry stn, NSFO, no odor

Sh: lt-drk gry-bm



Ls: off wh-tan, fn xln, scat int xln porosity, mostly DNS, NSFO

Sh: gry-drk gry-bm

Ls: tan-off wh, fn xln, ool, pkstn in part, fair oom porosity in part, scat drk stn in few rxs, NSFO, lt odor

Ls: tan-off wh, fn xln, scat foss, scat int foss porosity, NSFO

Ls: off wh-tan, fn xln, ool, pkstn, few rxs w/ scat fair ooc porosity, lt spotted oil stn in porosity, NSFO, no odor

Ls: tan-off wh, fn xln, ool pkstn, good-excellent oom porosity, few rxs w/ lt oil stn in porosity, lt odor

Ls: ala, w/ poor oom porosity, mostly barren

Ls: ala, mostly DNS

Sh: drk gry-blk

Ls: tan-off wh, fn xln, ool pkstn, fair-good oom porosity, scat drk asphaltic stn in porosity, VSSFO in cup, sl odor

Sh: drk gry-blk

Ls: tan-off wh, fn xln, ool pkstn, scat fair oom & ooc porosity, lt-fair oil stn in porosity, few rxs w/ lt sat, VSSFO, lt odor

Ls: tan-off wh, fn xln, ool pkstn, fair ooc porosity, lt-fair spotted oil stn in porosity, SSFO, lt-fair odor

Ls: ala, DNS

Sh: drk gry-blk, carb

Ls: tan-off wh, fn xln, ool pkstn, few rxs fair ooc porosity, lt-spotted oil stn in porosity, NSFO, no odor

B/KC 3264' (-1479)

Sh: gry-gm-bm

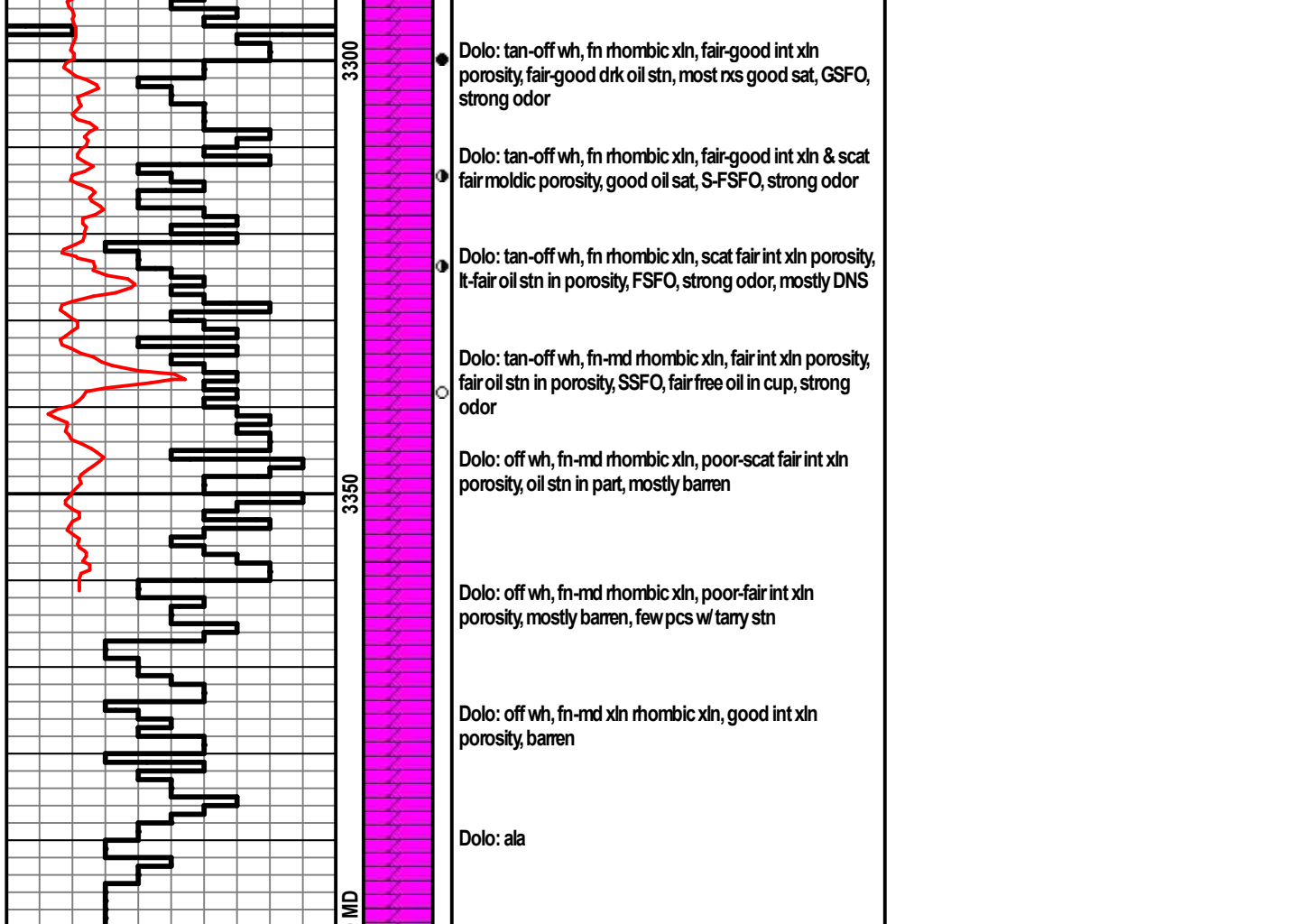
Sh: turquoise

Arbuckle 3275' (-1490)

Dolo: tan-off wh, fn rhombic xln, few rxs w/ scat fair int xln porosity, fair oil stn, few rxs w/ fair scat SSFO in cup & break, strong odor

Wt: 9
Vis: 46

*Poor sample quality 3240'-3320'





416 Main Street
P.O. Box 225
Victoria, KS 67671
Office (785) 639-3949
24 Hour Service Line (785) 639-7269

Invoice

Date	Invoice #
10/30/2024	1398

Please Pay from this Invoice.
Remit Payment to:
416 Main Street PO BOX 225
Victoria, KS 67671
Billing Questions Call Tianna at
(785) 639-3949
Email: franksoilfield@yahoo.com

KCC License Number
35469

Bill To
Patterson Energy, LLC PO Box 400 Hays, KS 67601-0400

County/State	Lease/Well#	Terms	Job Type
Barton County, KS	Schlessiger #2	Net 30	Surface

Description	Quantity	Rate	Amount
Pump Charge	1	1,150.00	1,150.00
Mileage	72	6.50	468.00
18.12 tons at 72 miles	1,304.64	1.50	1,956.96
60/40 8% gel 1/4# Flo-Seal	275	17.95	4,936.25T
Surface Blend	100	25.50	2,550.00T
Flo-Seal	187.5	3.00	562.50T
8-5/8" Fiber Insert	1	150.00	150.00T
8-5/8" Top Rubber Plug	1	265.00	265.00T
Discount		-601.93	-601.93

Thank you!

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.

We appreciate your business and look forward to serving you again!

Subtotal	\$11,436.78
Sales Tax (7.5%)	\$603.04
Balance Due	\$12,039.82

FRANKS Oilfield Service

◆ 416 Main St., P.O. Box 225, Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 1398
 LOCATION Hoxie
 FOREMAN Jack

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-20-24	34588	Schlossiger #2	18	20	11	Barton
CUSTOMER Patterson Energy LLC						
MAILING ADDRESS PO BOX 400						
CITY Hays	STATE KS	ZIP CODE 67601				
			TRUCK #	DRIVER	TRUCK #	DRIVER
			103	CK		
			2	DT		

JOB TYPE Surface HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT 8 5/8" 23#
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 32.07 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting & set up on Dixie Hwy 2. Circulated mud, mixed, sent plug & displaced. Cement into 15 from surface.
Thank you

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC002	1	PUMP CHARGE <u>Surface</u>	\$1150.00	\$1150.00
MEE	72	MILEAGE	\$6.50	\$468.00
M002	18.12 ton	ton mileage delivery	\$1956.96	\$1956.96
CB021	275 sk	Class A 60/40 8% gel 1/4" floccul	\$17.95	\$4936.25
CB004	100 sk	Class A 3% gel 2% gel	\$25.50	\$2550.00
CP006	187.5 #	Flow seal	\$3.00	\$562.50
FE069	1	8 5/8" water insert	\$450.00	\$450.00
FE066	1	8 5/8" top rubber plug	\$71.50	\$71.50
			subtotal	\$12,039.71
			less 5% disc.	\$601.93
			subtotal	\$11,437.78
			SALES TAX	603.04
			ESTIMATED TOTAL	12039.82

AUTHORIZATION JA TITLE _____ DATE _____
 I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



416 Main Street
P.O. Box 225
Victoria, KS 67671
Office (785) 639-3949
24 Hour Service Line (785) 639-7269

Invoice

Date	Invoice #
11/4/2024	1403

Please Pay from this Invoice.
Remit Payment to:
416 Main Street PO BOX 225
Victoria, KS 67671
Billing Questions Call Tianna at
(785) 639-3949
Email: franksoilfield@yahoo.com

KCC License Number
35469

Bill To
Patterson Energy, LLC PO Box 400 Hays, KS 67601-0400

County/State	Lease/Well#	Terms	Job Type
Barton County, KS	Schlessinger #2	Net 30	Long String

Description	Quantity	Rate	Amount
Pump Charge	1	1,850.00	1,850.00
Mileage	72	6.50	468.00
10.11 tons at 72 miles	727.92	1.50	1,091.88
60/40 4% gel 1/4# floseal	50	17.35	867.50T
Class A 10% salt, 5 Kolseal	150	27.00	4,050.00T
5-1/2" Guide Shoe AFU	1	600.00	600.00T
5-1/2" Latchdown Plug & Assembly	1	695.00	695.00T
5-1/2" Turbalizer Centralizers	8	108.00	864.00T
5-1/2" Basket	2	385.00	770.00T
51/2 Stop Ring	2	35.00	70.00T
Mud Flush	500	1.00	500.00T
KCL	2	30.00	60.00T
Discount		-594.31	-594.31

Thank-you

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.	Subtotal	\$11,292.07
<i>We appreciate your business and look forward to serving you again!</i>	Sales Tax (7.5%)	\$603.95
	Balance Due	\$11,896.02

FRANKS Oilfield Service

♦ 416 Main St., P.O. Box 225, Victoria, KS 67671 ♦ 24 Hour Phone (785) 639-7269

♦ Office Phone (785) 639-3949

♦ Email: franksoilfield@yahoo.com

TICKET NUMBER 1403

LOCATION Victoria

FOREMAN Conner

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-4-24		Schlessinger #2	18	20	11	Barton
CUSTOMER <u>Patterson Energy</u>						
MAILING ADDRESS						
CITY		STATE	ZIP CODE			

TRUCK #	DRIVER	TRUCK #	DRIVER
103	Conner D		
201	Chris K		

JOB TYPE Long string HOLE SIZE 7 7/8" HOLE DEPTH 3400 CASING SIZE & WEIGHT 5 1/2" 15.5#/17"
 CASING DEPTH 3395 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI 300 MIX PSI _____ RATE _____

REMARKS: Safety meeting. Rg up on discovery #2. Run float. Rg up & circulate to
thin mud Pump mud flush & KCL Plug rethole w/ 30 sacks & move hole up 20 scals.
mix 150 sacks class A 10% sett 5% gilsonite. Wash up lines. Displace w/ H2O.
Land plug - held. Release to trucks held.

Thank you!

Conner + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
P003	1	PUMP CHARGE	\$1850.00	\$1850.00
M001	72	MILEAGE	\$6.40	\$460.80
M002	10.11 tons	Ton mileage delivery	\$1091.88	\$1091.88
CB010	50 SXS	60/40 4" gcl 1/4" flo seal	\$17.35	\$867.50
CB031	150 SXS	class A 10% sett 5% gilsonite	\$27.00	\$4050.00
FE053	1	5 1/2" AFH guide shoe	\$600.00	\$600.00
FE051	1	5 1/2" launch chain plug ass.	\$695.00	\$695.00
FE014	8	5 1/2" tubulariser	\$108.00	\$864.00
FE027	2	5 1/2" basket	\$385.00	\$770.00
FE102	2	5 1/2" stop rig	\$35.00	\$70.00
CP013	500 gcl	mud flush	\$1.00	\$500.00
CP014	2 gcl	KCL	\$30.00	\$60.00
			sub total	\$11,881.38
			less 5% disc.	\$594.31
			sub total	\$11,287.07
			SALES TAX	603.95
			ESTIMATED TOTAL	11896.02

AUTHORIZATION [Signature] TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.