

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-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	RADENBERG 9
Doc ID	1808628

Tops

Name	Top	Datum
Anhydrite	705	1193
Topeka	2670	-722
Heebner	2922	-1024
Toronto	2940	-1042
Lansing	3040	-1142
B/KC	3299	-1401
Arbuckle	3310	-1412
LTD	3396	-1498

Form	ACO1 - Well Completion
Operator	Patterson Energy LLC
Well Name	RADENBERG 9
Doc ID	1808628

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	711	60/40	325	3%cc2%g
Production	7.875	5.5	17	3395	Class A	200	10%s5%k

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:	Radenberg #9		
API:	15-009-26430-00-00		
Location:	Barton County		
License Number:		Region:	Kansas
Spud Date:	8/26/2024	Drilling Completed:	8/31/2024
Surface Coordinates:	Section 3, Township 17 South, Range 11 West		
	1,650' FNL & 2,310' FWL		
Bottom Hole Coordinates:	Vertical well w/ minimal deviation, same as above		
Ground Elevation (ft):	1,890	K.B. Elevation (ft):	1,898
Logged Interval (ft):	2,600	To: 3,376	Total Depth (ft): 3,396
Formation:	Topeka - Arbuckle		
Type of Drilling Fluid:	Chemical (Andy's Mud)		

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

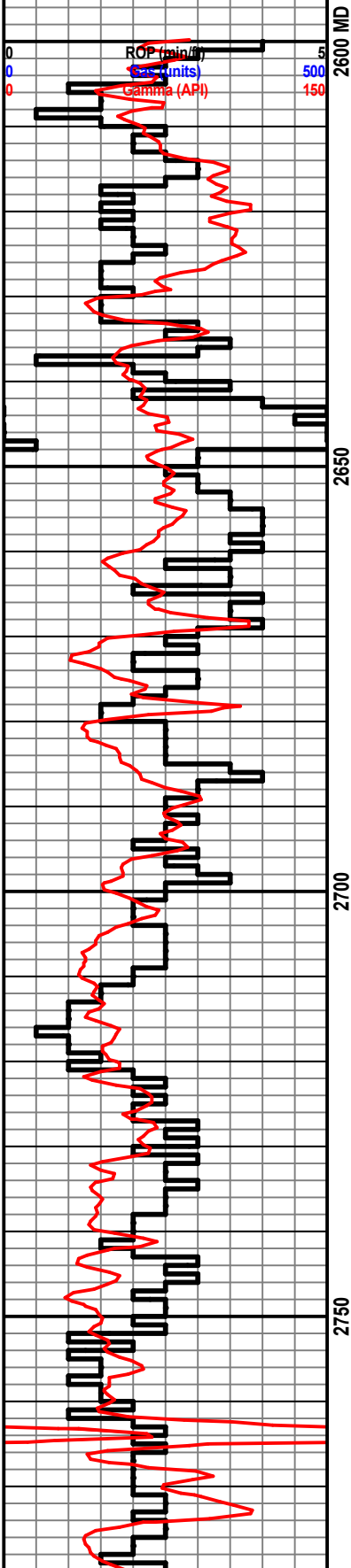
OPERATOR

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

3,400', Completed



Sh: lt-drk gry

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

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

Sh: lt-drk gry

Topeka 2673' (-775)

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

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

Sh: lt-drk gry

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

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

Sh: lt-drk gry

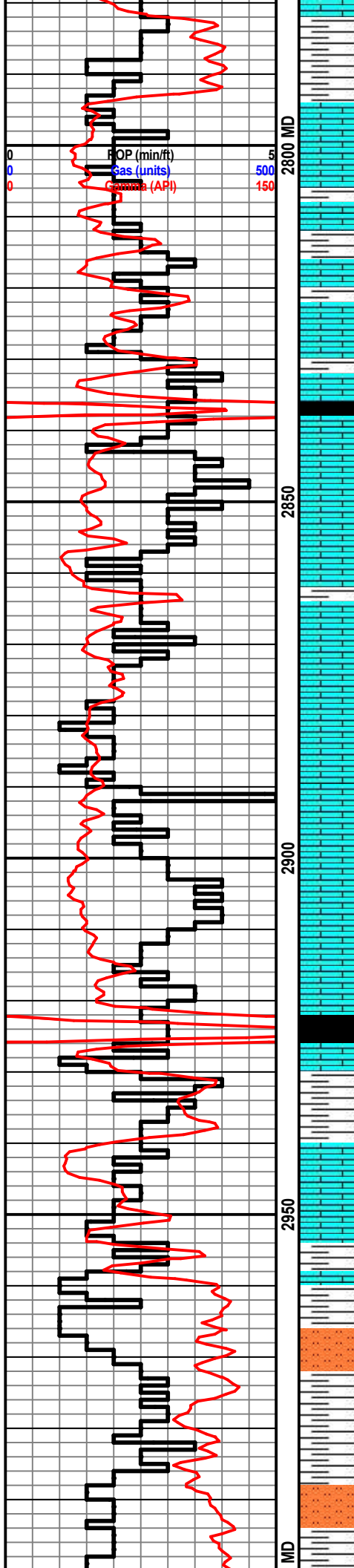
Ls: tan-gry, fn-md xln, scat foss, mostly DNS, NSFO

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

Wt: 8.6
Vis: 50



Sh: lt-drk gry

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

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

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

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

Ls: ala

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 2928' (-1030)

Sh: blk, carb, fissile

Sh: lt-drk gry

Toronto 2945' (-1047)

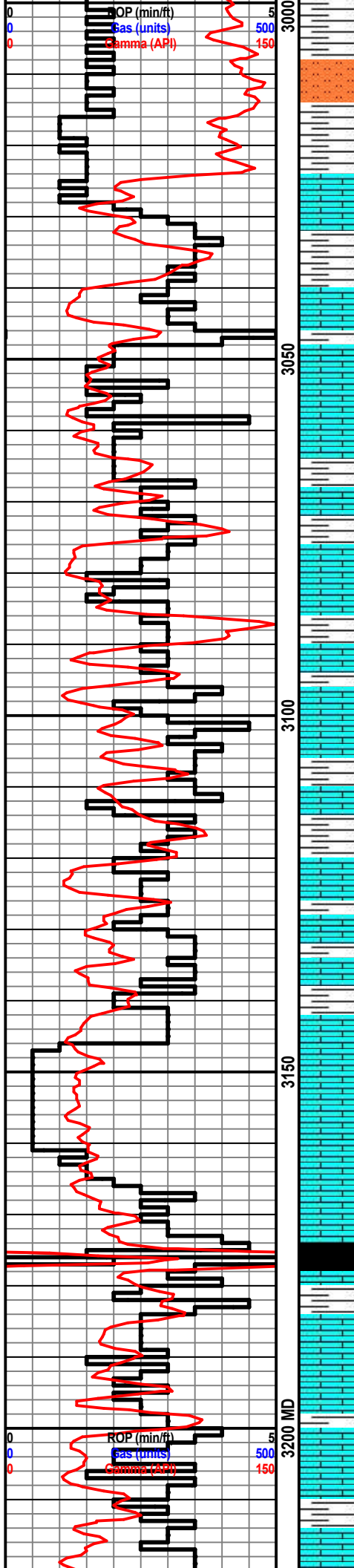
Ls: off wh-tan, fn xln, few rxs fair int xln & scat pp vuggy porosity, poor oil stn, VSSFO

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 3030' (-1132)

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

Sh: lt-drk gry

Lansing 3046' (-1148)

Ls: off wh-tan, scat foss, fair int xln & int foss porosity in few rxs, scat stn, VSSFO, sl odor

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

Sh: lt-drk gry

Ls: off wh-tan, fn xln, poor-fair int xln porosity, few rxs w/ fair int xln and pp vuggy porosity, sl edge stn, NSFO

Sh: lt-drk gry

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

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

Sh: lt-drk gry

Ls: off wh-tan, fn xln, fair int xln porosity, scat foss, scat oil stn in porosity, VSSFO

Sh: drk gry

Ls: off wh-tan-gry, fn xln, scat-fair int xln porosity, scat edge stn, NSFO, no odor

Ls: off wh-tan, ool, fair-good oom & ool porosity, scat edge stn, mostly barren, NSFO, scat chert

Ls: off wh-tan-gry, fn-sub xln, DNS, NSFO

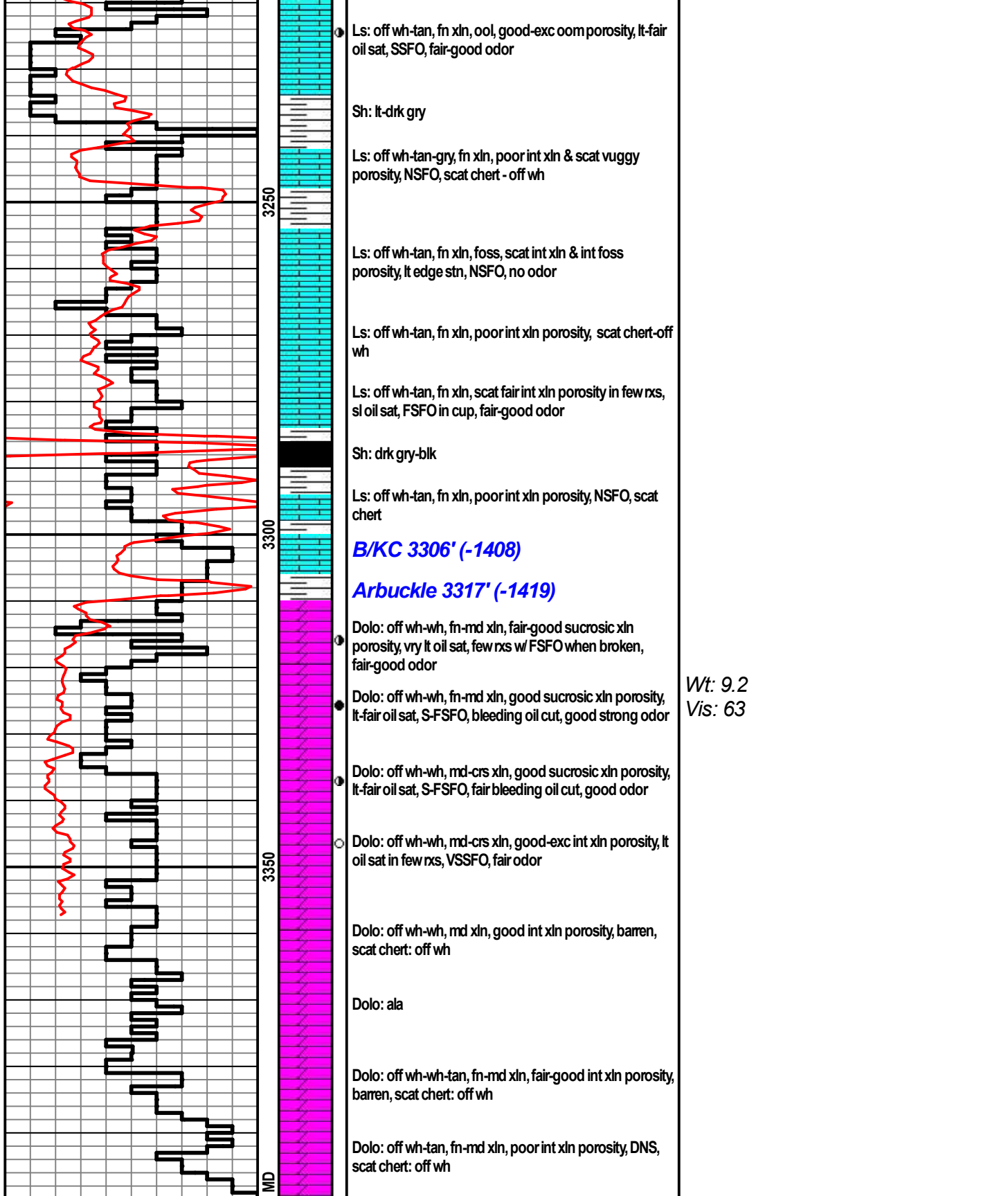
Sh: drk gry-blk

Ls: off wh-tan, foss, scat int xln & int foss porosity, barren, scat chalk

Sh: lt-drk gry

Ls: off wh-tan, fn xln, fair int xln porosity in few rxs, NSFO, scat chert: off wh

Sh: lt-drk gry





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

Invoice

Date	Invoice #
9/1/2024	1326

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	Radenberg #9	Net 30	Long String

Description	Quantity	Rate	Amount
Pump Charge	1	950.00	950.00
Mileage	53	6.50	344.50
9.88 tons at 53 miles	523.64	1.50	785.46
60/40 4% gel 1/4# floreal	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" Turbalizer Centralizers	7	80.00	560.00T
5-1/2" Basket	2	275.00	550.00T
51/2 Stop Ring	2	35.00	70.00T
Mud Flush	500	1.00	500.00T
KCL	2	30.00	60.00T
Discount		-466.87	-466.87

Thank you.

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

Subtotal \$8,870.59

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

Sales Tax (7.5%) \$517.10

Balance Due \$9,387.69

FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 1326
 LOCATION Victoria
 FOREMAN Tom Williams

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-21-24	34888	Radenberg #9	3	17s	11w	Barton
CUSTOMER <u>Patterson Energy</u>						
MAILING ADDRESS						
CITY		STATE	ZIP CODE			

TRUCK #	DRIVER	TRUCK #	DRIVER
103	Josh T		
203	Connor D		
	Tom W		
	Prosten D		

JOB TYPE Longstring HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT 5 1/2" 15.5#
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting. Ran float equipment & set up on Discoverer?
Hooked up head & circulated mud 1hr. Pump 500 gal mud flush.
Followed by 20 Bbl Kk water. Plug RT 30 ft MH 20 ft. Mix 150 ft heavy.
Wash clean & displaced plug.

Thanks Tom & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
P1001	1	PUMP CHARGE <u>Longstring</u>	\$950 ⁰⁰	\$950 ⁰⁰
M001	53	MILEAGE	\$6 ⁵⁰	\$344 ⁰⁰
M002	9,886ons	Ton mileage delivery	\$785 ⁴⁶	\$785 ⁴⁶
CB010	50sk	60/40 49gal 14# Slur Seal	\$17 ³⁵	\$867 ⁵⁰
CB031	150 sk	Class A 109gal 8# 140/skel	\$27 ⁰⁰	\$4050 ⁰⁰
FE033	1	5 1/2" AFU Guide Shoe	\$600 ⁰⁰	\$600 ⁰⁰
FE014	7	5 1/2" Turbo lizer	\$80 ⁰⁰	\$560 ⁰⁰
FE022	2	5 1/2" Basket	\$275 ⁰⁰	\$550 ⁰⁰
FE102	2	5 1/2" Stop ring	\$35 ⁰⁰	\$70 ⁰⁰
CP013	500gal	mud flush	\$1 ⁰⁰	\$500 ⁰⁰
CP014	2	KCh	\$30 ⁰⁰	\$60 ⁰⁰
			sub total	\$9,357 ⁴⁶
			less 5% disc.	\$466 ⁸⁷
			sub total	\$8,870 ⁵⁹
			SALES TAX	517.10
			ESTIMATED TOTAL	9387.69

AUTHORIZATION _____

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.

FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 1321
LOCATION Victoria
FOREMAN Tam Williams

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-27-24	5670	Radenberg #9	3	17s	11w	Barton
CUSTOMER Patterson Energy						
MAILING ADDRESS						
CITY		STATE	ZIP CODE			

TRUCK #	DRIVER	TRUCK #	DRIVER
103	Conner P		Josh T
201	Sack T		
203	Chris K		
	Tom W		

JOB TYPE Surface HOLE SIZE _____ HOLE DEPTH 711' CASING SIZE & WEIGHT 8 5/8" 24#
CASING DEPTH 711' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting + set up on Discovery #2. Put over 8 5/8" plug container on + circulated mud. Mix 225 sk like - followed by 100 sk 342. Displace with 24 Bbl + landed plug. Released pressure after shutting in. Ruck up more oil

Cement did circulate
Thanks Tom & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PL002	1	PUMP CHARGE	\$1150 ⁰⁰	\$1150 ⁰⁰
MO01	53	MILEAGE	\$6 ⁵⁰	\$314 ⁵⁰
MO02	15.14 tons	Ton Mileage Delivery	\$1203 ⁶³	\$1203 ⁶³
CB014	225 sk	60/40 3900 280 gal	\$18 ⁸⁵	\$4,241 ²⁵
CB004	100 sk	Class A 3900 280 gal	\$25 ⁵⁰	\$2,550 ⁰⁰
FE06	1	8 5/8" Rubber plug	\$245 ⁰⁰	\$245 ⁰⁰
CE003	+	8 5/8" head + manifold		
FE069	1	8 5/8" bottle plate	\$150 ⁰⁰	\$150 ⁰⁰
CP006	50 #	1/4" #10 steel	\$3 ⁰⁰	\$150 ⁰⁰
			sub total	\$10,054 ³⁸
			less 5% disc.	\$502 ⁷¹
			sub total	\$9,551 ⁶⁷
			SALES TAX	524.13
			ESTIMATED TOTAL	10075.80

AUTHORIZATION  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.