

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

# Invoice

Date	Invoice #
4/2/2024	1203

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
Rooks County, KS	Frank Cerrow #8	Net 30	Long Surface

Description	Quantity	Rate	Amount
Pump Charge	1	950.00	950.00
Mileage	60	6.50	390.00
27.75 tons at 60 miles	1,665	1.50	2,497.50
Surface Blend	100	25.50	2,550.00T
60/40 3%cal 2% gel	475	18.85	8,953.75T
8-5/8" Fiber Insert	1	150.00	150.00T
8-5/8 Wooden Plug	1	265.00	265.00T
Discount		-787.81	-787.81

Thank you!

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.	<b>Subtotal</b>	\$14,968.44
We appreciate your business and look forward to serving you again!	<b>Sales Tax (7.0%)</b>	\$792.60
	<b>Balance Due</b>	\$15,761.04

# 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 1203  
 LOCATION Howe KS  
 FOREMAN Jack T

## FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-2-24		Frank Pessaro #8	23	9	19	Roelis
CUSTOMER Patterson Energy LLC			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			103	Conner D		
CITY			201	Jack T		
STATE			203	Jack T		
ZIP CODE						

JOB TYPE long surface HOLE SIZE 12 1/4" HOLE DEPTH 1473' CASING SIZE & WEIGHT 8 3/8" 23"  
 CASING DEPTH 1473' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 148" 14% SLURRY VOL. 1.23/1.41 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting. Rig up on Discovery Rig #2. Run casing. Circulate hole.  
Mix 475 sacks 10/40 3% gal 3% CC. Total in mix 100 sacks common 3% CC 2% gal.  
Displace plug w/ 93 bbls H<sub>2</sub>O. Land plug.

Cement+chill circulate  
Thanks Jack & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC001	1	PUMP CHARGE	\$950.00	\$950.00
MO001	60	MILEAGE	\$6.50	\$390.00
MO002	27.75 tons		\$2,497.50	\$2,497.50
CB004	100 sacks	Class A 3% CC 2% gal	\$25.50	\$2,550.00
CB014	475 sacks	10/40 3% gal 3% CC	\$18.85	\$8,953.75
FG019	1	8 3/8" baffle insert	\$150.00	\$150.00
FF056	1	8 3/8" top rubber plug	\$265.00	\$265.00
			subtotal	\$15,751.25
			less: 5% disc	\$787.81
			subtotal	\$14,963.44
			SALES TAX	792.60
			ESTIMATED TOTAL	15761.04

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.



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

# Invoice

Date	Invoice #
4/7/2024	1207

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
Rooks County, KS	Frank Cerrow #8	Net 30	Long String

Description	Quantity	Rate	Amount
Pump Charge	1	950.00	950.00
Mileage	60	6.50	390.00
12.05 tons at 60 miles	723	1.50	1,084.50
Class A 10% salt, 5 Kolseal	175	27.00	4,725.00T
60/40 4% gel 1/4# floseal	50	17.35	867.50T
5-1/2" Turbalizer Centralizers	7	80.00	560.00T
5-1/2" Basket	3	275.00	825.00T
5 1/2 Stop Ring	3	35.00	105.00T
5-1/2" Triplex Shoe	1	1,750.00	1,750.00T
5-1/2" Latchdown Plug & Assembly	1	495.00	495.00T
Discount		-587.60	-587.60

Thank-you!

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

**Subtotal** \$11,164.40

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

**Sales Tax (7.0%)** \$620.28

**Balance Due** \$11,784.68

# 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 1207  
 LOCATION Howie KS  
 FOREMAN Jack T

## FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY			
4-7-24		Frank Cerro-28	23	9	19	Boonville			
CUSTOMER Patterson Energy		TRUCK #		DRIVER		TRUCK #		DRIVER	
MAILING ADDRESS		103		Jack T					
CITY		STATE		ZIP CODE		301		Jack T	

JOB TYPE hang string HOLE SIZE 7 7/8" HOLE DEPTH 3900 CASING SIZE & WEIGHT 5 1/2" 15.5"  
 CASING DEPTH 3675' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.8\* SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting. Rig up on Discovery Rig #2 Run 5 1/2" casing. Set triplex shoe at 3675  
 Complete to completion mud. Pump mud filter & KCB. Plug rethole w/ 30 sacks. Mosaic bit w/ 20 sacks  
 mix 175 sacks class A 10% salt 5" gilsonite. Wash up lines. Displace w/ H<sub>2</sub>O. Land plug - held.  
 Release - held.

Thank you!  
 Jack + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC001	1	PUMP CHARGE	\$950.00	\$950.00
MD001	60	MILEAGE	\$6.50	\$390.00
MD002	12.05 tons	Ton mileage delivery	\$1084.50	\$1084.50
CR3031	175 sacks	class A 10% salt 5" gilsonite	\$27.00	\$4725.00
CR3010	50	60/40 4% gel 4 1/2" flo-seal	\$17.35	\$867.50
FL014	7	5 1/2" turboliner	\$80.00	\$560.00
FF022	3	5 1/2" basket	\$275.00	\$825.00
FF102	3	5 1/2" limit clamp	\$35.00	\$105.00
	1	5 1/2" triplex shoe	\$175.00	\$175.00
FF051	1	5 1/2" latch down plug ass.	\$495.00	\$495.00
			sub total	\$11,752.00
			less 5% disc.	\$587.60
			sub total	\$11,164.40
			SALES TAX	620.28
			ESTIMATED TOTAL	11784.68

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.

**OPERATOR**

Company: Patterson Energy, LLC.  
 Address:

Contact Geologist:  
 Contact Phone Nbr:

Well Name: Frank Cerrow #8  
 Location:  
 API: 15-163-24501-0000  
 Pool:  
 State:

Field:  
 Country:

Scale 1:240 Imperial

Well Name: Frank Cerrow #8  
 Surface Location:  
 Bottom Location:  
 API: 15-163-24501-0000  
 License Number:  
 Spud Date: 3/31/2024  
 Region:  
 Drilling Completed:  
 Surface Coordinates:  
 Bottom Hole Coordinates:  
 Ground Elevation: 8.00ft  
 K.B. Elevation: 2094.00ft  
 Logged Interval: 0.00ft  
 Total Depth: 0.00ft  
 Formation:  
 Drilling Fluid Type:

Time: 7:00 AM  
 Time:  
 To: 0.00ft

**SURFACE CO-ORDINATES**

Well Type: Vertical  
 Longitude: 0  
 Latitude: 0  
 N/S Co-ord:  
 E/W Co-ord:

**LOGGED BY**

Company: Hard Rock Consulting, Inc.  
 Address: P.O. Box 1260  
 Hays, KS 67601

Phone Nbr: 785-635-5586  
 Logged By: Geologist

Name: Jason T Alm

**CONTRACTOR**

Contractor: Discovery Drilling Co., Inc.  
 Rig #: 2  
 Rig Type: Mud Rotary  
 Spud Date: 3/31/2024  
 TD Date:  
 Rig Release:

Time: 7:00 AM  
 Time:  
 Time:



**ELEVATIONS**

K.B. Elevation: 2094.00ft  
 K.B. to Ground: 2086.00ft







Ground Elevation: 8.00ft

**NOTES**

Well Tops 2094' K.B.

	Frank Cerrow #8	Frank Cerrow #5
Anhydrite	1466' +628	NA
Base	1512' +582	NA
Topeka	3026' -932	NA
Heebner	3231' -1137	-1138 +1
Toronto	3251' -1157	-1159 +2
Lansing	3270' -1176	-1177 +1
BKC	3490' -1396	NA
Arbuckle	3514' -1420	-1421 +1
LTD	3650' -1556	
Total Depth	3900' -1806	

**ROCK TYPES**

	Dolprim		shale, grn		Carbon Sh
	Lmst fw7>		shale, gry		shale, red

**ACCESSORIES**

**MINERAL**





∕ Euhed rhombs of dol or

**OTHER SYMBOLS**

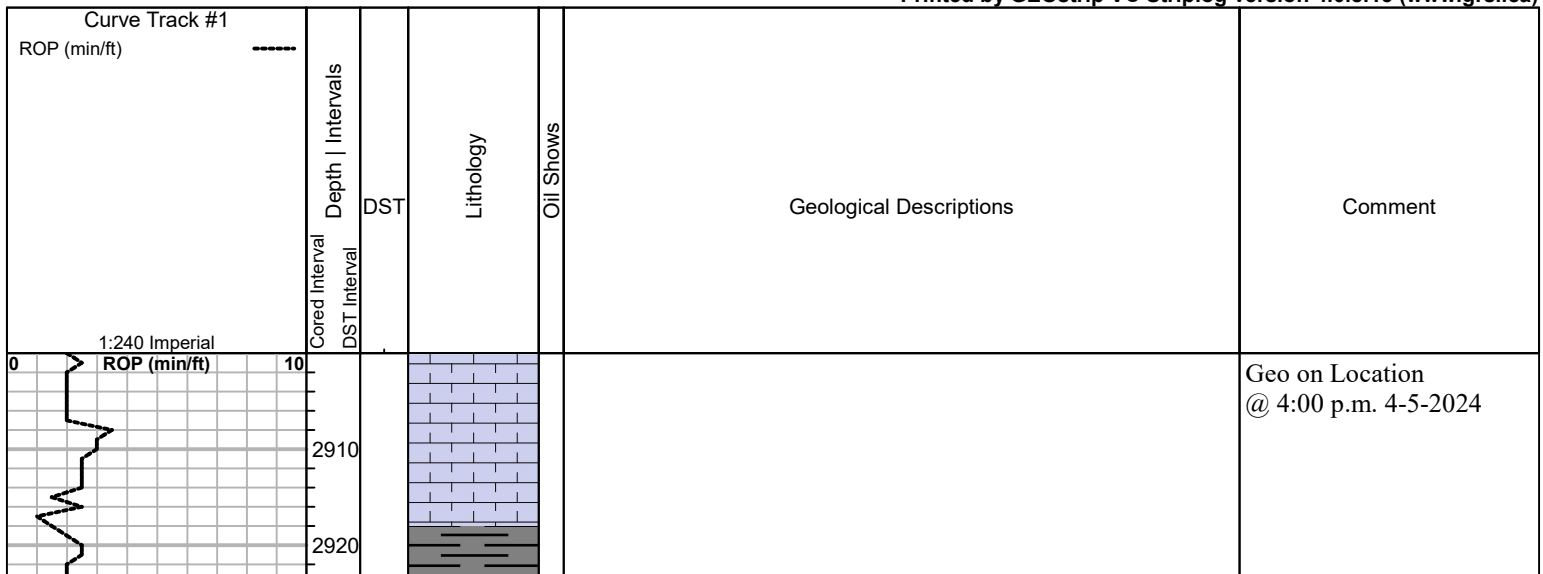
**OIL SHOWS**

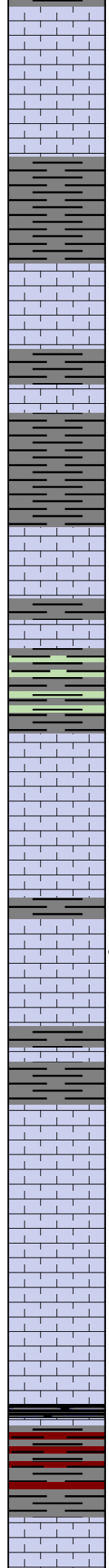
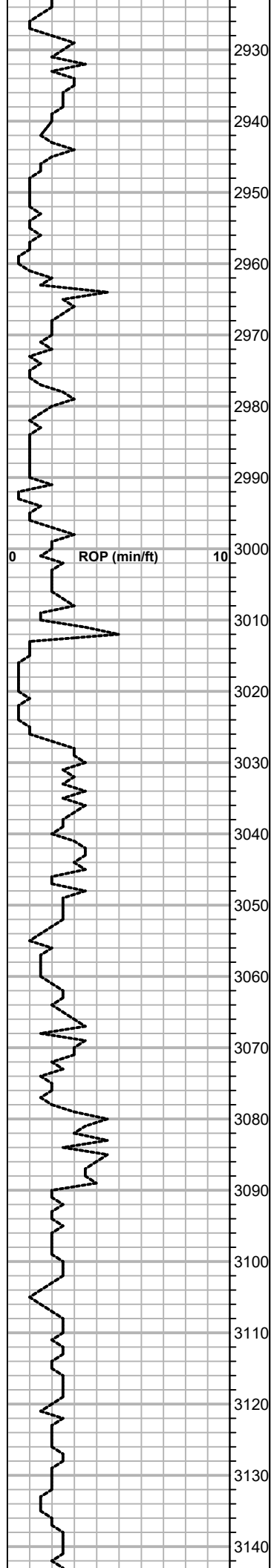
- Even Stn
- Spotted Stn 50 - 75 %
- Spotted Stn 25 - 50 %
- Spotted Stn 1 - 25 %
- Questionable Stn
- D Dead Oil Stn
- Fluorescence

**DST**

-  DST Int
-  DST alt
-  Core
-  tail pipe

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





Sh - Gry, soft

Ls - Tan-lt gry, subxln, subxln, dns, sl mottled w/ gry sh in part

Sh - Gry-grn, soft, gummy in part

Topeka 3026' -932

Ls - Lt gry-tan, fn-subxln, sl ool in part, sl fossil, dns

Ls - ala, mostly dns

Sh - Gry-drk gry

Ls - Tan, fn xln w/ fair-scat good interxln & vuggy por, few rxns w/ lt-fair oil st, sl scat sat, lt odor, scat dull yel-grn fluor

Sh - Gry-drk gry

Ls - Tan, fn xln, subxln, dns, sl mottled w/ gry sh in part, sl chalky

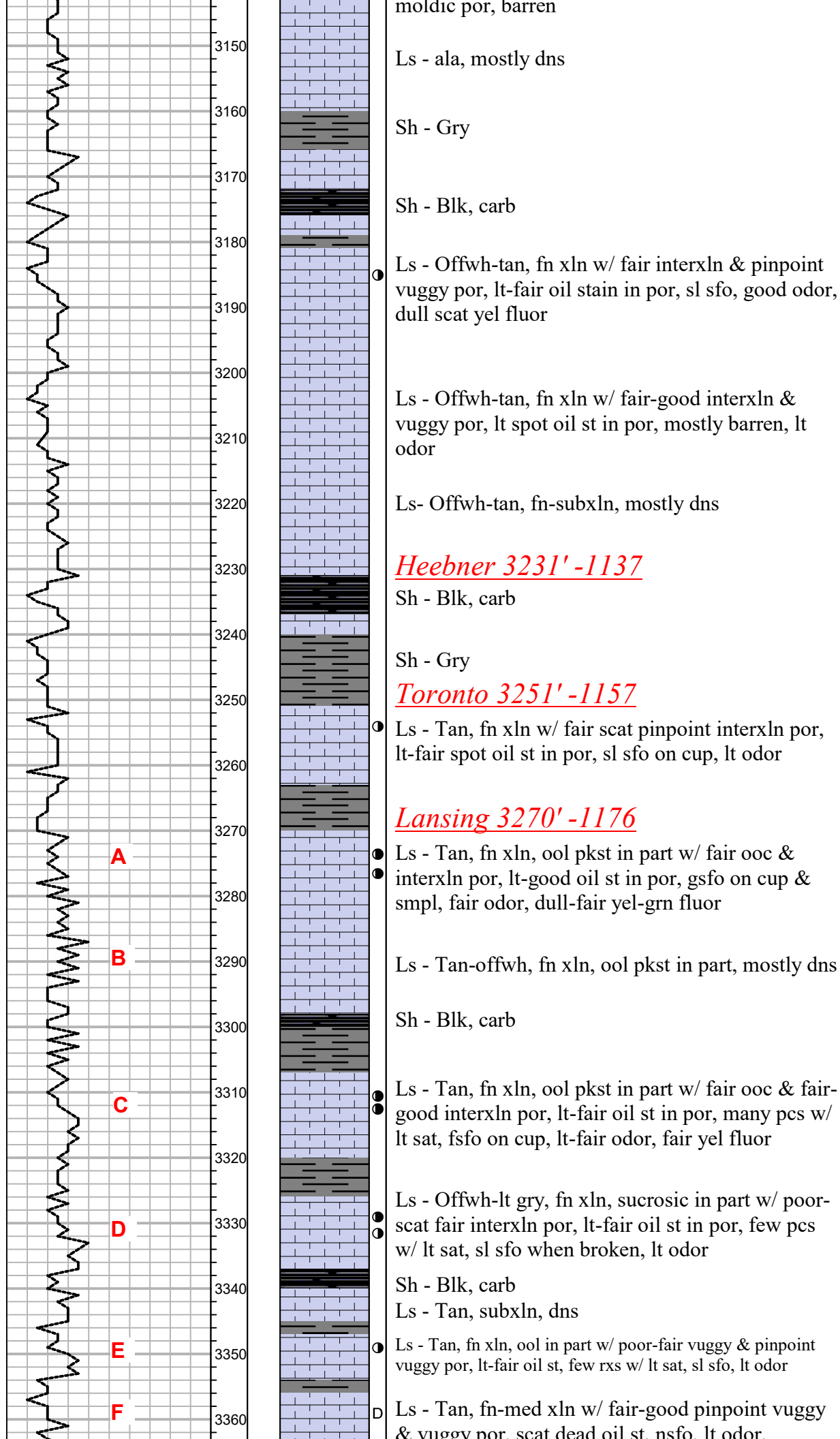
Ls - ala, very chalky

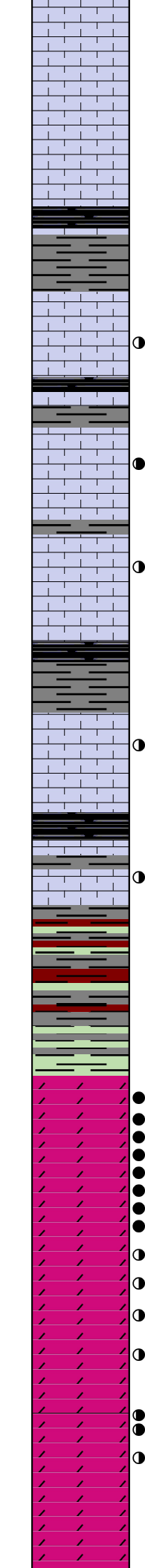
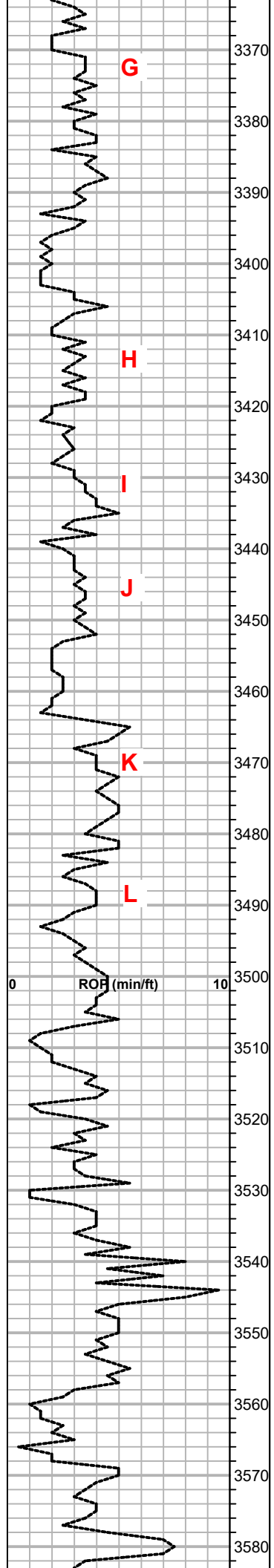
Ls - ala

Sh - Blk, carb

Sh - Gry-brn

Ls - Tan-offwh, fn xln, sl ool in part w/ scat poor





3370 Ls - Tan-offwh, fn xln, ool in part w/ poor-fair scat ooc por, few rxns w/ spot oil st, mostly barren

3380 Ls - ala, dns, barren

3390 Sh - Blk, carb

3400 Sh - Gry-brn

3410 Ls - Tan, fn xln, ool in part w/ scat poor ooc & interxln por, lt spot oil st in por, nsfo, v lt odor, dull spot yel fluor

3420 Ls - Tan, fn xln w/ scat poor-fair interxln & pinpoint vuggy por, lt-fair oil st in por, few rxns w/ lt-fair sat, fsfo on cup, lt odor, dull-fair spot yel-grn fluor

3430 Ls - Lt gry, fn xln w/ scat poor-fair interxln & pinpoint interxln por, lt-fair oil st, few rxns w/ v lt sat, sl sfo on break, lt odor, dull yel fluor

3440 Sh - Blk, carb

3450 Sh - Gry-brn

3460 Ls - Offwh-tan, fn xln, sl ool in part w/ poor scat interxln por, lt spot oil st in por, nsfo, no odor

3470 Sh- Blk, carb

3480 Ls - Tan, fn xln, ool pkst in part w/ poor-fair scat ooc pot, fait spot oil in por, sl sfo, lt odor, dull yel fluor

3490 *BKC 3490' -1396*

3500 Sh - Gry-grn-brn, mottled w/ dns ool Ls in part

3510 Sh - Grn-gry

3520 *Arbuckle 3514' -1420*

3530 Dolo - Offwh-rose, med-coarse rhombic xln w/ fair-scat good vuggy & interxln por, lt-good oil st, many rxns w/ total sat, gsfo on break & cup, strong odor, dull yel-grn fluor

3540 Dolo - ala

3550 Dolo - Offwh-tan, fn-med rhombic xln w/ scat poor interxln por, lt oil st in por, mostly dns

3560 Dolo - Tan-rose, med rhombic crystalline w/ good interxln & vuggy por, some rxns w/ fair-good oil sat, fsfo, good odor, dull scat yel-grn fluor

3570 Dolo - Tan, fn-med rhombic xln w/ poor-fair interxln por, barren

Mud  
Vis 59  
Wt 9.1  
LCM 6#

Bit Trip @ 3463'  
Dev 1/2 deg

Mud  
Vis 63  
Wt 9.1  
Fil 8.0  
pH 10.5  
Chl 5k  
LCM 12#

LCM 18#

3590  
3600  
3610  
3620  
3630  
3640  
3650  
3660  
3670  
3680  
3690  
3700  
3710  
3720  
3730  
3740  
3750  
3760  
3770  
3780  
3790  
3800



Dolo - Tan-rose, med-course rhombic xln w/ good interxln & vuggy por, many lg vugs, barren

Dolo - Tan-offwh, fn rhombic xln w/ poor-fair interxln & moldic por, much ool chert, barren

Dolo - ala

Dolo - ala

Dolo - Tan-offwh, fn rhombic xln w/ poor-scat fair interxln & vuggy por, barren

LTD 3650' -1556

Dolo - ala

Dolo - ala

Dolo - Offwh-lt gry, fn-med rhombic xln w/ poor-fair interxln & vuggy por, barren

Dolo - ala, mostly dns

Dolo - Offwh-tan, fn-coarse rhombic crystalline w/ fair interxln & vuggy por, barren

Dolo - ala, med-coarse rhombic xln, good interxln por, many lg twinned dolo xtals, barren

Dolo - ala, med rhombic xln

Dolo - Offwh-lt gry, fn-med rhombic xln w/ poor interxln por, sl sandy

Dolo - ala

Dolo - Offwh-rose, med-coarse rhombic xln w/ fair interxln por, many lg twinned dolo xtals, barren, sandy in part, pyritic

Dolo - Offwh, med rhombic xln w/ fair-scat good interxln & vuggy por, barren, very sandy, mottled w/ many lg qtz gr

