

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conv. to EOR  Conv. to SWD  
 Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

Confidentiality Requested

Date: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Val Energy, Inc.
Well Name	STANDIFORD 3-25
Doc ID	1427486

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
1	3074	3092			
1	3174	3182			
1	3210	3220			
1	3245	3260			
1	3356	3360	CIBP Cast Iron Bridge Plug	3320	
1	3340	3348			



Elite Cementing & Acidizing of KS, LLC  
 810 E 7th, PO Box 92  
 Eureka, KS 67045



Date	Invoice #
8/27/2018	4086

Bill To	
Val Energy Inc. 125 N. Market St., Suite 1110 Wichita, KS 67202	
Customer ID#	1217

Job Date	8/26/2018
Lease Information	
Standiford 3-25	
County	Cowley
Foreman	KM

Item	Description	Qty	Terms	Net 15
			Rate	Amount
C102	Cement Pump-Longstring	1	1,100.00	1,100.00
C107	Pump Truck Mileage (one way)	60	4.20	252.00
C201	Thick Set Cement	150	20.50	3,075.00T
C208	Pheno Seal	300	1.30	390.00T
C108A	Ton Mileage (min. charge)	1	420.00	420.00
C222	KCL	5	30.00	150.00T
C421	5 1/2" Latch Down Plug	1	242.00	242.00T
C691	5 1/2" Guide Shoe	1	175.00	175.00T
C703	5 1/2" AFU Flapper Valve Insert	1	152.00	152.00T
C504	5 1/2" Centralizer	5	50.00	250.00T
D101	Discount on Services		-88.60	-88.60
D102	Discount on Materials		-221.70	-221.70T

*We appreciate your business!*

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	rene@elitecementing.com

Send payment to:  
 Elite Cementing & Acidizing of KS, LLC  
 PO Box 92  
 Eureka, KS 67045

<b>Subtotal</b>	\$5,895.70
<b>Sales Tax (6.5%)</b>	\$273.80
<b>Total</b>	\$6,169.50
Payments/Credits	\$0.00
<b>Balance Due</b>	\$6,169.50



810 E 7<sup>TH</sup>  
 PO Box 92  
 EUREKA, KS 67045  
 (620) 583-5561



**Cement or Acid Field Report**

Ticket No. **4086**  
 Foreman Kevin McCoy  
 Camp EUREKA

API # 15-035-24693

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
8-26-18	1217	STANDIFORD 3-25	25	325	SE	Cowley	Ks
Customer		Safety Meeting KM DG ZA	Unit #	Driver	Unit #	Driver	
VAL Energy, Inc.			105	DAVE G.			
Mailing Address			113	Zevi A.			
125 N. MARKET ST. STE 110							
City	State	Zip Code					
WICHITA	Ks	67202					

Job Type Longstring Hole Depth 3480' KB Slurry Vol. 37 BBL Tubing \_\_\_\_\_  
 Casing Depth 3477' KB Hole Size 7 7/8" Slurry Wt. 13.8 # Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 5 1/2 15.50\* Cement Left in Casing 42' SW Water Gal/SK 9.0 Other \_\_\_\_\_  
 Displacement 84.7 BBL Displacement PSI 900 Bump Plug to 1400 PSI BPM \_\_\_\_\_

Remarks: Safety Meeting: 5 1/2 15.50\* used casing set @ 3477' = KB. Rig up to 5 1/2 casing. Break circulation w/ 15 BBL fresh water. Mixed 125 SKS THICK SET Cement w/ 2\* PhenoSeal/SK @ 13.8\*/gal, yield 1.65 = 37 BBL slurry. wash out pump & lines. Shut down. Release Latch down plug. Displace plug to seat w/ 84.7 BBL fresh water. (First 40 BBL w/ KCL). FINAL Pumping Pressure 900 PSI. Bump Plug to 1400 PSI. wait 2 mins. Release Pressure. Float & Plug Held. Good Circulation @ ALL times while Cementing. Job Complete. Rig down.

Plug RAT Hole & Mouse Hole

CENTRALIZERS ON #1,3,5,7,9

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge	1100.00	1100.00
C 107	60	Mileage	4.20	252.00
C 201	150 SKS	THICK SET Cement	20.50	3075.00
C 208	300 #	PhenoSeal 2*/SK	1.30	390.00
C 108	8.25 TONS	TON Mileage	M/C	420.00
C 222	5 gals	KCL (in first 40 BBL of Displacement water)	30.00	150.00
C 421	1	5 1/2 Latch Down Plug	242.00	242.00
C 691	1	5 1/2 Guide Shoe	175.00	175.00
C 703	1	5 1/2 AFU INSERT Flapper Valve w/ Latch down	152.00	152.00
C 504	5	5 1/2 x 7 7/8 CENTRALIZERS	50.00	250.00
			Sub Total	6206.00
			Less 5%	324.71
			Sales Tax	288.21
			6.5%	
Authorization <u>Rick Smith</u> Title _____			Total	6169.50

THANK YOU

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

Elite Cementing & Acidizing of KS, LLC  
 810 E 7th, PO Box 92  
 Eureka, KS 67045



Date	Invoice #
8/23/2018	4072

Bill To	
Val Energy Inc. 125 N. Market St., Suite 1110 Wichita, KS 67202	
Customer ID#	1217

Job Date	8/22/2018
Lease Information	
Standiford 3-25	
County	Cowley
Foreman	RL

Item	Description	Qty	Terms	Net 15
			Rate	Amount
C101	Cement Pump-Surface	1	890.00	890.00
C107	Pump Truck Mileage (one way)	20	4.20	84.00
C200	Class A Cement-94# sack	130	15.75	2,047.50T
C205	Calcium Chloride	245	0.63	154.35T
C206	Gel Bentonite	245	0.21	51.45T
C108A	Ton Mileage (min. charge)	1	365.00	365.00
D101	Discount on Services		-66.95	-66.95
D102	Discount on Materials		-112.67	-112.67T

*We appreciate your business!*

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	rene@elitecementing.com

Send payment to:  
 Elite Cementing & Acidizing of KS, LLC  
 PO Box 92  
 Eureka, KS 67045

<b>Subtotal</b>	\$3,412.68
<b>Sales Tax (6.5%)</b>	\$139.14
<b>Total</b>	\$3,551.82
Payments/Credits	\$0.00
<b>Balance Due</b>	\$3,551.82



810 E 7<sup>TH</sup>  
 PO Box 92  
 EUREKA, KS 67045  
 (620) 583-5561



**Cement or Acid Field Report**  
 Ticket No. **4072**  
 Foreman Rick Ledford  
 Camp Eureka Ks

API# 15-035-24693

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
8-22-18	1217	Standiford 3-25	25	325	SE	Cowley	Ks
Customer			Unit #	Driver		Unit #	Driver
VAL Energy Inc.			104	Alan M.			
Mailing Address			114	Zevi A.			
125 N. Market St. ste 1110							
City	State	Zip Code					
Wichita	Ks	67202					

Job Type surface Hole Depth 225' K.B. Slurry Vol. \_\_\_\_\_ Tubing \_\_\_\_\_  
 Casing Depth 211 G.L. Hole Size 12 1/4" Slurry Wt. 14.8# Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 8 5/8" Cement Left in Casing 15 +/- Water Gal/SK 6.5 Other \_\_\_\_\_  
 Displacement 13 1/2 Bbl Displacement PSI \_\_\_\_\_ Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_

Remarks: Safety meeting. Rig up to 8 5/8" casing. Break circulation w/ 10 Bbl fresh water. Mixed 130 svs class A cement w/ 3% coll + 2% gel @ 14.8#/gal. Displace w/ 13 1/2 Bbl water. Shut casing in w/ good cement returns to surface = 8 Bbl slurry to pit. Job complete. Rig down.

'Thank You''

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	890.00	890.00
C107	20	Mileage	4.20	84.00
C200	130 svs	class A cement	15.75	2047.50
C205	245"	3% coll	.63	154.35
C206	245"	2% gel	.21	51.45
C108A	6.11	tax mileage bulk truck	m/c	365.00
			Subtotal	3592.30
			690	< 186.947
			Sales Tax	146.46

Authorization by Judd Gehring Title Toolpusher C+G Total 3501.80

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# GEOLOGICAL REPORT

## WellSight Systems

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

Well Name: STANDIFORD 3-25  
Location: SECTION 25-T32S-5E  
License Number: API:15-035-24693  
Spud Date: 8/21/2018  
Surface Coordinates: 2145' FNL 1320' FEL

Region: COWLEY CO, KS  
Drilling Completed: 8/25/2018

Bottom Hole  
Coordinates:  
Ground Elevation (ft): 1288                      K.B. Elevation (ft): 1297  
Logged Interval (ft): 2200                      To: RTD                      Total Depth (ft): 3480  
Formation: KINDERHOOK  
Type of Drilling Fluid: MUD/CHEM DISPLACED @ 1800'

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

### OPERATOR

Company: VAL ENERGY, INC  
Address: 125 N. Market Ste. 1110  
Wichita, Kansas 67202

### GEOLOGIST

Name: JOE M.BAKER  
Company: Mako Operating Co., LLC  
Address: P.O BOX 931  
ANDOVER KANSAS 67002  
316-253-9696

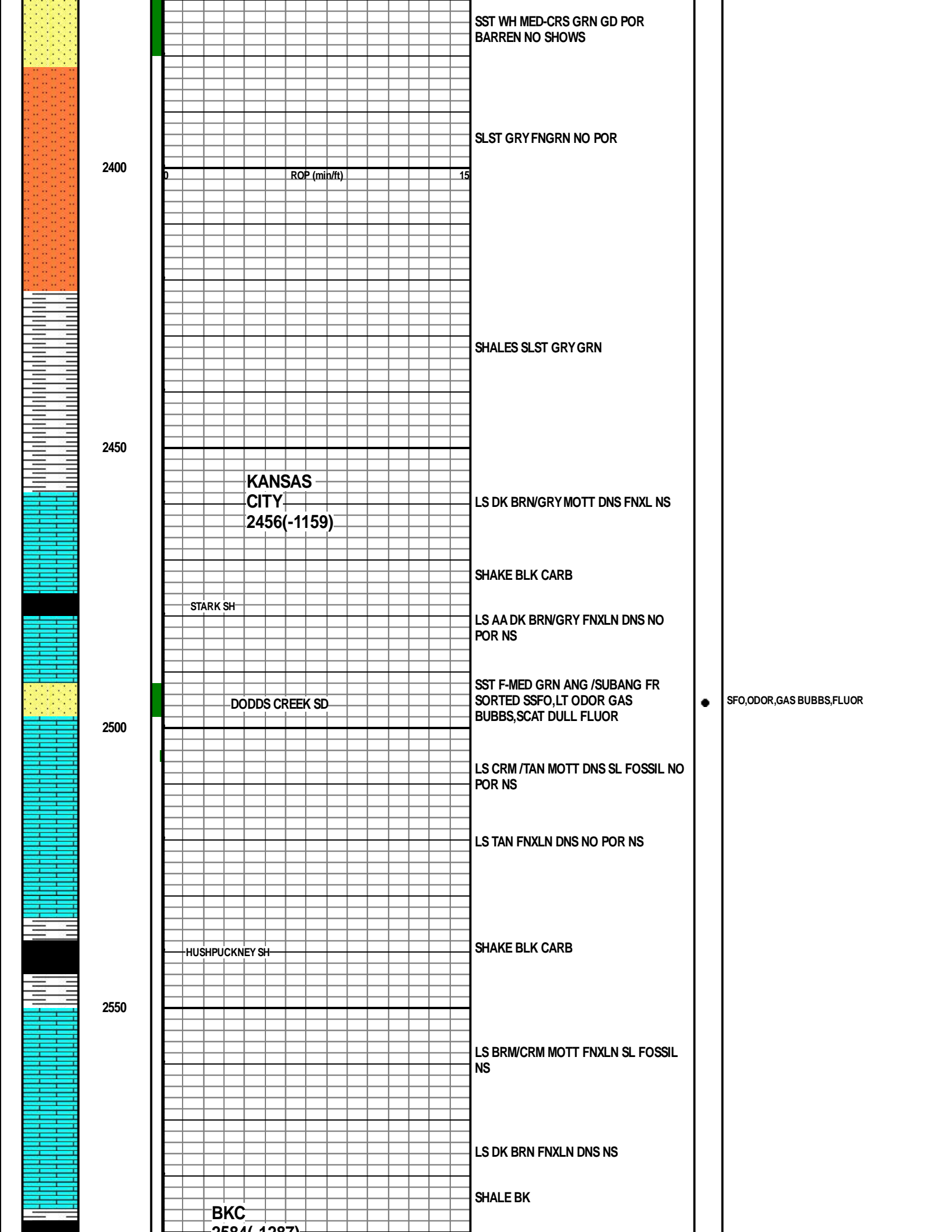
### E-Log Tops

IATAN	1862(-565)
STALNAKER	1943(-646)
LAYTON SD	2308(-1011)
KANSAS CITY LIME	2556(-1159)
MARMATON /ALTAMONT	2680(-1383)
PAWNEE	2736(-1439)
CHEROKEE SH	2802(1505)
MISS CHERT	3074-1777)
MISS LIME	3085(-1788)
NORTHVIEW SH	3430(-2133)
COMPTON LM	3452(-2155)
KINDERHOOK	3468(-2171)
ARBUCKLE	NOT PENETRATED
RTD	3480(-2183)
LTD	3478(-2181)

### Comments

The entire well was drilled with PDC bit therefore drilling time was not plotted. Pipe was set in the Kinderhook to further test and complete the Miss Lime and Miss Chert .

New Track	Lithology	Depth	<p style="text-align: center;">Curve Track 1</p> <p>ROP (min/ft) <span style="float: right;">—————</span></p>	Geological Descriptions	Oil Shows	MISC
			<p>ROP (min/ft) <span style="float: right;">15</span></p>	<p><b>DRILLING WITH PDC BIT CATCHING 20' WET AND DRY SAMPLES</b></p>		
		2200	ROP (min/ft) <span style="float: right;">15</span>	SHALE LT GRY		
		2250		SLAT GRY MIC NO POR NS		
			<p><b>IOLA 2262 (-965)</b></p>	LS GRY/CRM FNXLN SL FOSSIL NS		
				SST-SLST GRY WH FNGRN MIC NO POR NS		
		2300		<p><b>LAYTON SS 2308 (-1011)</b></p>	SS WH GRY F-MED GRN FR POR MIC IN PT NS	
				SS MED GRN FRIA POR NS		
		2350		SST WH MED/CRS GRN GD PR NS		
					NO SHOWS	





2504(-1207)

2600

ROP (min/ft)

15

LS TAN DNS NO POR NS

SST-SLST GRY GRN VFNGRN  
GLAUCONITIC  
"WASH WHITE" VERY CHALKY

NO SHOWS

CLEVELAND ZONE

SLST GRY/GRN CHALKY NO POR NS

2650

SHALE SL SLTY VFNGRN NO POR NO  
SHOWS

ALTAMONT  
2680(-1383)

LS WH /CRM FNXLN DNS TRC SCAT  
FOSSIL CST/PNPT POR NS

SHALE BLK CARB

2700

LS CRM/TAN MOTT FNXLN NS

SHALE/SLST GRY FNGRN

PAWNEE  
2736(-1439)

LSTAN /CRM FNXLN /FEW VUGS W  
FLUOR TRACE ODOR? SSO

SHALE BLK

2750

SHALE BLK

FT. SCOTT  
2771(-1474)

LS TAN /CRM SCAT DULL FLUOR ~ 10%  
FT ODOR SOME PNPT /UGGY POR IN  
FEW PCS

SHALES BLK

2800

ROP (min/ft)

15

LS TAN DK BRN DNS FNXL

CHEROKEE  
2802(-1505)

SHALE BLK

2892(-1595)

SLST GRY FN GRN MIS NO POR NS

SHALE /SLST GRY

2850

LS DK BRN /PK DNS

ARDMORE SH  
2892(-1595)

SHALE BLK

2900

CATTLEMAN SD  
ZONE

SST F-MED GRN ,ANG ,POORLY  
SRTD,SSFO FT ODOR

SHALE BLK

2950

SHALES SLT GRY NS

START 10' WET &DRY  
SAMPLES

3000

SHALE SLST VFGRN NO POR NS

ROP (min/ft) 15

SHALE SLSTS GRY

3050

SHALE BLK

SLST TRC CHERTS DNS FRESH NO POR NS

SHALE BK

MISS CHT  
3065(-1768)

CHT WH/TAN W/STN, BRT FLUOR,FR-GD ODOR,SFO,GAS BUBBS

SFO,GAS BUBBS,ODOR FLUOR

MISS LIME  
3084(-1787)

LS TAN/BRN FNXLN SCAT PNPT FOSSIL POR,SFO ,LT ODOR,DULL FLUOR IN FEW PCS

SSFO,LT ODOR,DULL FLUOR

SHALES GRY

3100

CFS 20/40

LS TAN FNXLN SL FOSSIL ,SSO FT ODOR SCAT DULL FLUOR

SSFO,LT ODOR DULL FLUOR

LS TAN BRN FNXLN SL DOLO DNS TRC FLUOR NO ODOR NSO

CFS 20/40

LS AA TAN/BRN FNXLN DNS MICRI IN PT

3150

LS TAN/BRN DNS MICRINLN SL DOLO BRITTLE

LS AA DK BRN DNS MICRO/BRITTLE NO VIS SHOWS

CFS 20/40

LS DK BRN MEDXLN SL DOLO NS

3200

ROP (min/ft) 15

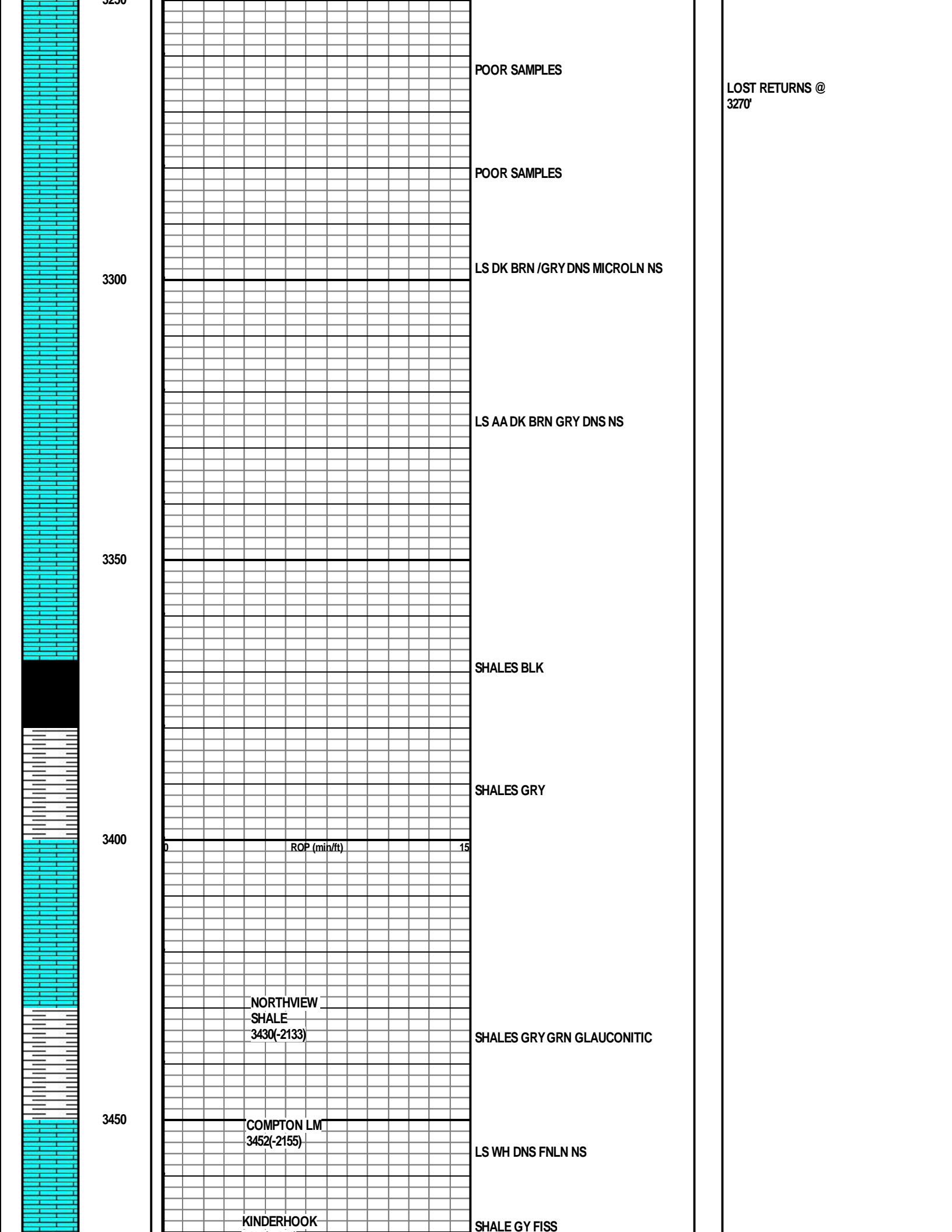
LS TAN /CRM FNXLN CHERTY FOSSIL SL POR IN CHT NO VIS SHOWS

LS DK BRN F-MEDXLN DNS SL DOLO NO POR NS

POOR SAMPLES

3250





3250  
3300  
3350  
3400  
3450

POOR SAMPLES

POOR SAMPLES

LS DK BRN /GRY DNS MICROLN NS

LS AA DK BRN GRY DNS NS

SHALES BLK

SHALES GRY

SHALES GRY GRN GLAUCONITIC

LS WH DNS FNLN NS

SHALE GY FISS

NORTHVIEW  
SHALE  
3430(-2133)

COMPTON LM  
3452(-2155)

KINDERHOOK

LOST RETURNS @  
3270'

ROP (min/ft) 0 15

3468(-2171)

3500

RTD 3480 (-2183)

LTD 3478 (-2181)