

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



Date	Invoice #
11/21/2017	3633

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

Job Date	11/21/2017
Lease Information	
Hammer D V3-4	
County	Cowley
Foreman	KM

Terms	Net 15
Rate	Amount

Item	Description	Qty	Rate	Amount
C102	Cement Pump-Longstring	1	1,050.00	1,050.00
C107	Pump Truck Mileage (one way)	60	3.95	237.00
C201	Thick Set Cement	150	19.50	2,925.00T
C208	Pheno Seal	300	1.25	375.00T
C108A	Ton Mileage (min. charge)	1	400.00	400.00
C222	KCL	5	34.00	170.00T
C421	5 1/2" Latch Down Plug	1	230.00	230.00T
C604	5 1/2" Cement Basket	1	225.00	225.00T
C504	5 1/2" Centralizer	6	48.00	288.00T
C703	5 1/2" AFU Flapper Valve Insert	1	145.00	145.00T
D101	Discount on Services		-84.35	-84.35
D102	Discount on Materials		-217.90	-217.90T

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

Subtotal	\$5,742.75
Sales Tax (6.75%)	\$279.46
Total	\$6,022.21
Payments/Credits	\$0.00
Balance Due	\$6,022.21

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



Cement or Acid Field Report
 Ticket No. **3633**
 Foreman KEVIN MCCOY
 Camp EUREKA

APT # 15-035-24680-00-00

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
11-21-17	1217	HAMMER D V3-4	4	335	6E	Cowley	Ks
Customer			Safety Meeting	Unit #	Driver	Unit #	Driver
VAL Energy Inc.			KM	105	DAVE G.		
Mailing Address			DG	112	JASON H.		
125 N. MARKET ST. Ste 1110			JH				
City	State	Zip Code					
Wichita	Ks	67202					

Job Type Longstring Hole Depth 3585' KB Slurry Vol. 37 BBL Tubing _____
 Casing Depth 3554.82 G.L. Hole Size 7 7/8 Slurry Wt. 13.8 # Drill Pipe _____
 Casing Size & Wt. 5 1/2 15.50 # Cement Left in Casing 20.40' Water Gal/SK 9.0 Other _____
 Displacement 86 BBL Displacement PSI 1250 Bump Plug to 1700 BPM _____

Remarks: Safety Meeting: 5 1/2 15.50 # Casing Set @ 3554.82'. Rig up to 5 1/2 Casing. BREAK
CIRCULATION w/ 10 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/ 86 BBL Fresh water. FINAL Pumping Pressure
1250 PSI. Bump Plug to 1700 PSI. wait 2 mins. Release Pressure. Float & Plug Held.
Job Complete. Rig down.

Plugged RAT Hole & Mouse Hole

Centralizers on #1, 3, 5, 7, 10, 12 BASKET on Top of #5

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge	1050.00	1050.00
C 107	60	Mileage	3.95	237.00
C 201	150 SKS	THICK Set Cement	19.50	2925.00
C 208	300 #	PhenoSeal 2 #/SK	1.25 #	375.00
C 108 A	8.25 TONS	Ton Mileage	M/C	400.00
C 222	5 gals	KCL (IN FIRST 40 BBL Displacement water)	34.00	170.00
C 421	1	5 1/2 LATCH down Plug	230.00	230.00
C 604	1	5 1/2 Cement BASKET	225.00	225.00
C 504	6	5 1/2 x 7 7/8 Centralizers	48.00	288.00
C 703	1	5 1/2 AFU INSERT Flapper Valve w/ LATCH down	145.00	145.00
			Sub Total	6045.00
			Less 5%	316.96
			Sales Tax	294.17
			6.75%	
			Total	6022.21

Authorization [Signature] Title _____

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 #
11/17/2017	3555

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

Job Date	11/16/2017
Lease Information	
Hammer D. V3-4	
County	Cowley
Foreman	RL

Terms	Net 15
Rate	Amount

Item	Description	Qty	Rate	Amount
C101	Cement Pump-Surface	1	840.00	840.00
C107	Pump Truck Mileage (one way)	20	3.95	79.00
C200	Class A Cement-94# sack	150	15.00	2,250.00T
C205	Calcium Chloride	280	0.60	168.00T
C206	Gel Bentonite	280	0.20	56.00T
C108A	Ton Mileage (min. charge)	1	345.00	345.00
D101	Discount on Services		-167.95	-167.95
D102	Discount on Materials		-123.70	-123.70T

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

Subtotal	\$3,446.35
Sales Tax (6.75%)	\$158.65
Total	\$3,605.00
Payments/Credits	\$0.00
Balance Due	\$3,605.00

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



Cement or Acid Field Report

Ticket No. **3555**
 Foreman Rick Ledford
 Camp Eureka Ks

API# 15-035-24680

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
11-16-17	1217	Hammer O. V3-4	4	33S	6E	Cowley	Ks
Customer			Safety Meeting	Unit #	Driver	Unit #	Driver
Val Energy Inc.			K A S	104	Alan M.		
Mailing Address				114	Steve M.		
125 N. Market St. Ste 1110							
City	State	Zip Code					
Wichita	Ks	67202					

Job Type 5/P Hole Depth _____ Slurry Vol. 40 Bbl Tubing _____
 Casing Depth 304' Hole Size 17 1/2" Slurry Wt. 14.8" Drill Pipe _____
 Casing Size & Wt. 8 5/8" 24" Cement Left in Casing 20' +/- Water Gal/SK 6.5 Other _____
 Displacement 18 1/2 Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety meeting - Rig up to 8 5/8" casing. Break circulation w/ fresh water. Mixed 150 sacks class A cement w/ 370 cact + 270 gel @ 14.8" / gal. Displace w/ 18 1/2 Bbl fresh water. Shut casing in w/ good cement returns to surface = 4 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	840.00	840.00
C107	20	Mileage	3.95	79.00
C200	150 sacks	Class A cement	15.00	2250.00
C205	280"	CACL2	.60	168.00
C206	280"	gel	.20	56.00
C108A	7.05	ton mileage bulk tax	m/c	345.00
			Subtotal	3738.00
			Discount	< 300.00
			Sales Tax	167.00
			6.75%	
Authorization <u>D. Colts</u>			Title _____	Total <u>3605.00</u>

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.

GEOLOGICAL REPORT

WellSight Systems

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

Well Name: HAMMER D V3-4
Location: SECTION 4-T33S-6E
License Number: API:15-035-24680
Spud Date: 11/16/2017
Surface Coordinates: 990' FSL 660' FWL

Region: COWLEY CO, KS
Drilling Completed: 11/21/2017

Bottom Hole Coordinates:

Ground Elevation (ft): 1338 K.B. Elevation (ft): 1347
Logged Interval (ft): 1800 To: RTD Total Depth (ft): 3585
Formation: ARBUCKLE
Type of Drilling Fluid: MUD/CHEM DISPLACED @ 1700'

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

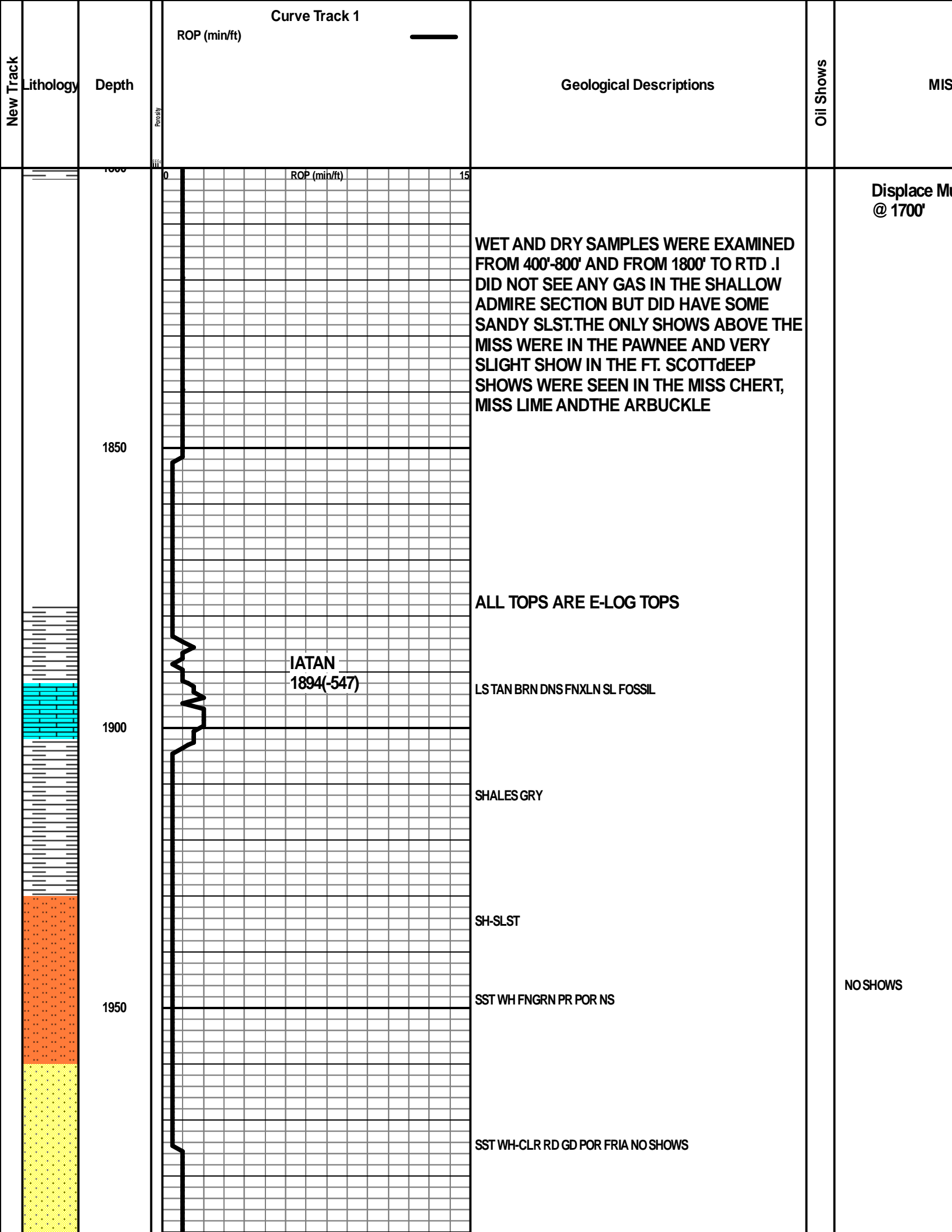
GEOLOGIST

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

E-Log Tops

IATAN	1894(-547)
STALNAKER	1931(-584)
IOLA LM	2303(-956)
LAYTON SD	2336(-989)
KANSAS CITY LIME	2528(-1181)
MARMATON /ALTAMONT	2730(-1383)
PAWNEE	2792(-1145)
CHEROKEE SH	2858(1511)
MISS CHERT	3122(-1775)
MISS LIME	3130(-1783)
KINDERHOOK	3462(-2115)
ARBUCKLE	3521(-2174)
RTD	3585(-2238)
LTD	3484(-2237)

Comments



Displace M
@ 1700'

WET AND DRY SAMPLES WERE EXAMINED FROM 400'-800' AND FROM 1800' TO RTD .I DID NOT SEE ANY GAS IN THE SHALLOW ADMIRE SECTION BUT DID HAVE SOME SANDY SLST.THE ONLY SHOWS ABOVE THE MISS WERE IN THE PAWNEE AND VERY SLIGHT SHOW IN THE FT. SCOTTdEEP SHOWS WERE SEEN IN THE MISS CHERT, MISS LIME ANDTHE ARBUCKLE

ALL TOPS ARE E-LOG TOPS

IATAN
1894(-547)

LS TAN BRN DNS FNXLN SL FOSSIL

SHALES GRY

SH-SLST

SST WH FNGRN PR POR NS

SST WH-CLR RD GD POR FRIA NO SHOWS

NO SHOWS

2000

0

ROP (min/ft)

15

SST AA MED /CRS GRN GD POR NS

SHALE DK GRY

2050

SHALES GRY

2100

LANSING
2106(-759)

LS TAN BRN/gry/VFNXLN DNS SL FOSSIL NO POR NO SHOWS

LS AACRM TAN SL FOSSIL NS NO SHOWS

2150

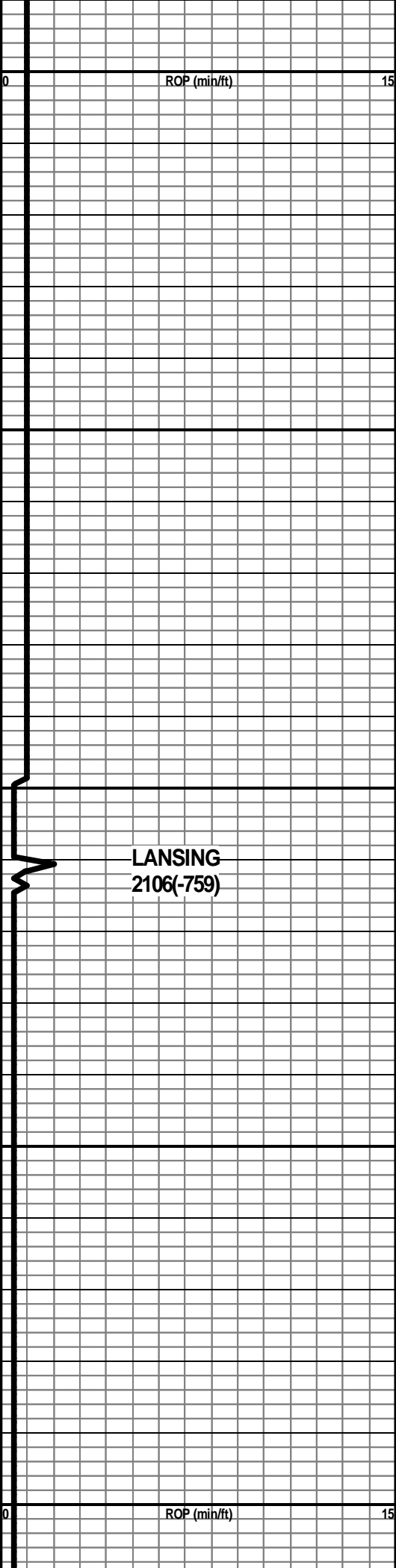
SHALES GRY

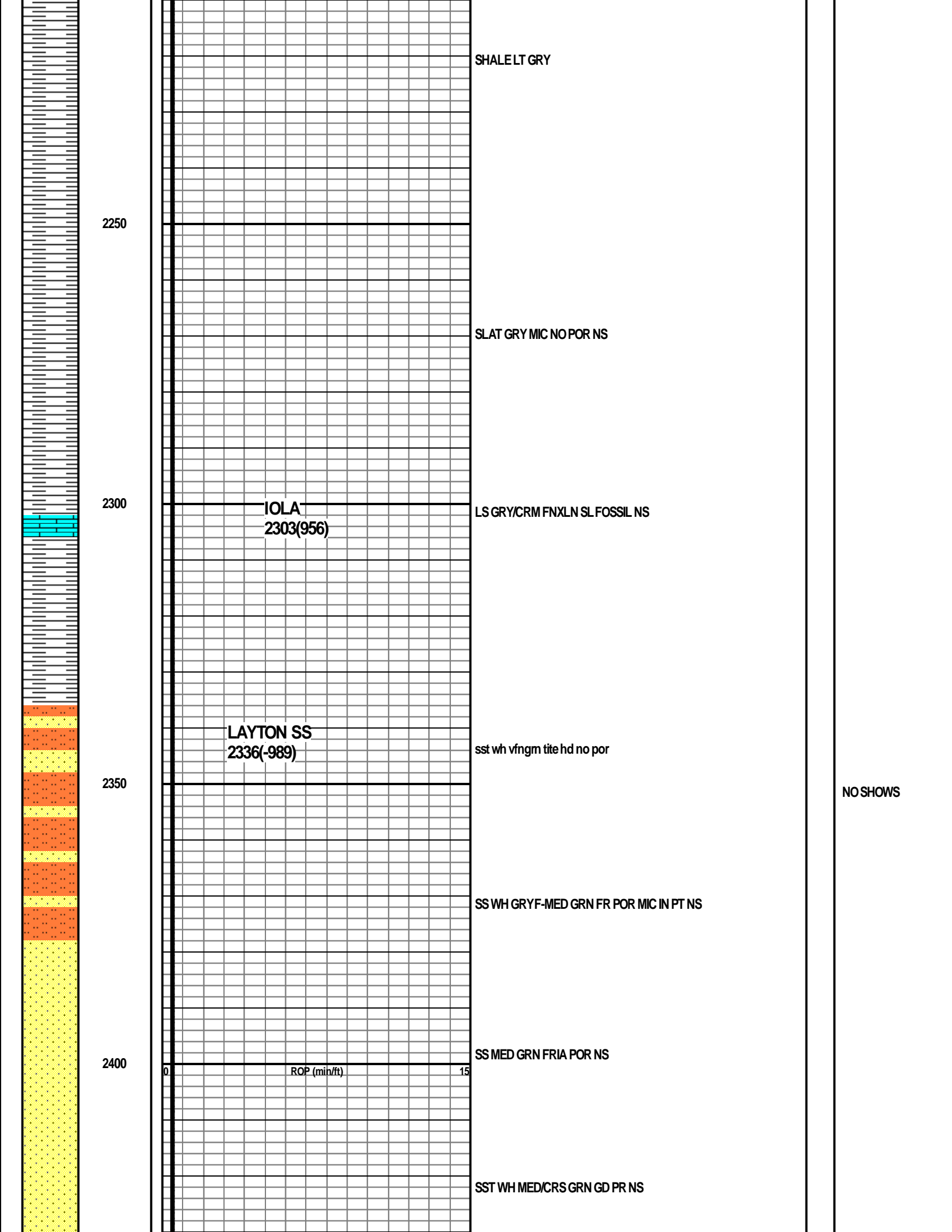
2200

0

ROP (min/ft)

15





2450

SHALES SLST GRY GRN

SLST SST FN GRN MIC NO SHOWS

2500

KANSAS CITY
2531(-1184)

LS TAN FN XLN DNS NO POR NS

DODDS CREEK SD

SST GR YMIC NS

2550

LS TAN DNS SL FOSSIL (LENAPAH LM)

HUSHPUCKNEY

SHALE BK

2600

0

ROP (min/ft)

15

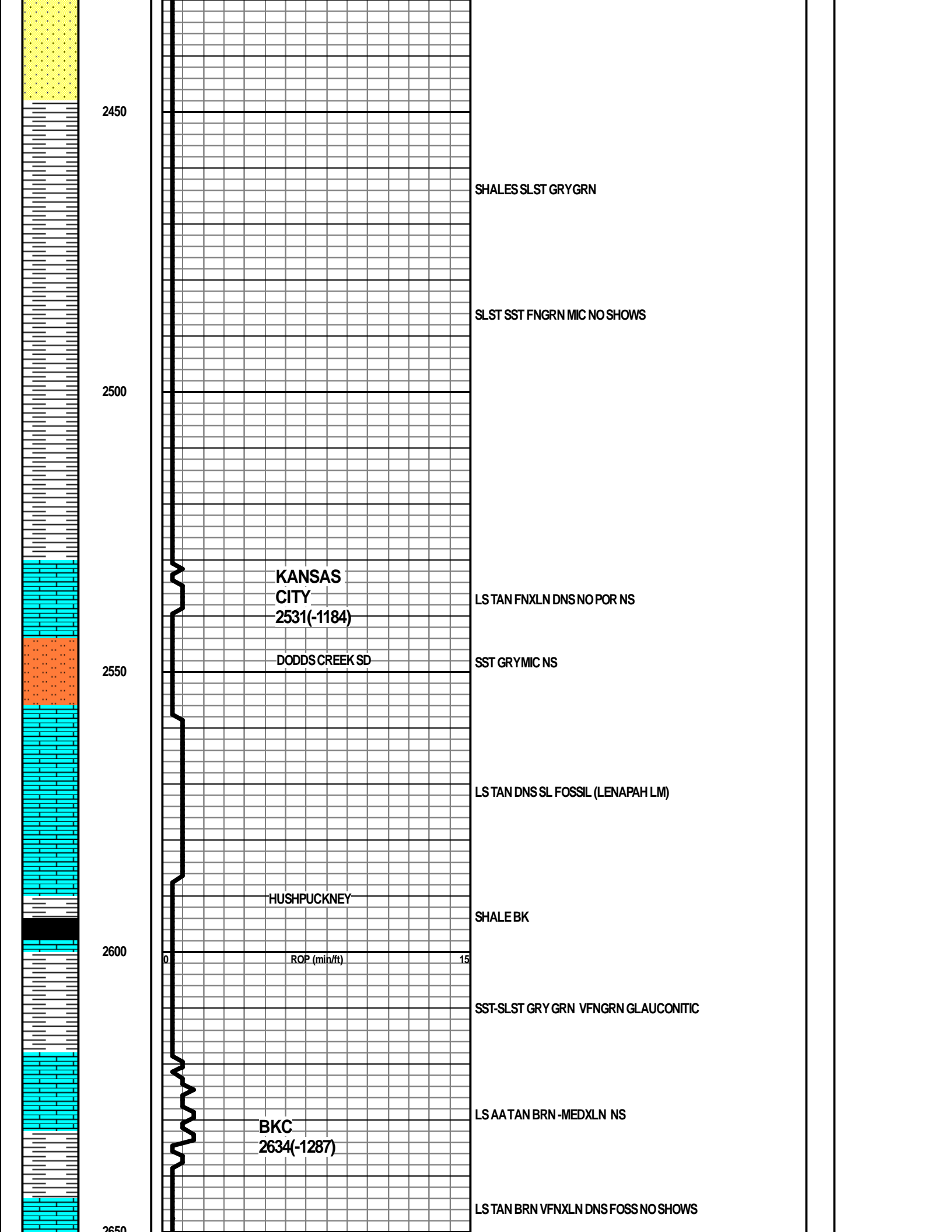
SST-SLST GRY GRN VFN GRN GLAUCONITIC

BKC
2634(-1287)

LS AATAN BRN-MED XLN NS

LS TAN BRN VFN XLN DNS FOSS NO SHOWS

2650



2650
2700
2750
2800
2850

**CLEVELAND
ZONE**

CHALKY,WASH WHITE NO SHOWS

SHALE SL SLTY VFNGRN NO POR NO SHOWS

**ALTAMONT
2730(-1383)**

LA TAN BRN VFNXLN DNS NO SHOWS

SHALE BLK CARB

**PAWNEE
2792(-1445)**

SHALE SLST GRYFNGRN TITE

LS WH LT TAN FNXLN NS

SHALE BLK

**FT. SCOTT
2824(-1477)**

LS TAN FNXLN DULL FLUOR 90% FAINT ODOR SSFO

SHALES BLK

LS TAN DK BRN DNS FNXL
SHALE BLK

LS TAN FNXLN SL FOSSIL VVSO FEW PSC W/FLUOR
FAINT ODOR

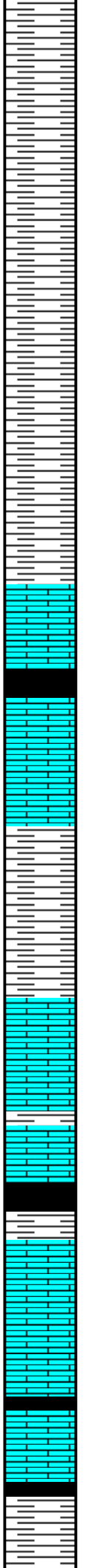
**CHEROKEE
2856(-1509)**

LS DK GRYBRN DNS

SHALE BLK

SLST GY

ROP (min/ft) 0 15



2900

SLST GRYAA

SHALE GRYVFNGRN MIC

2950

SHALE BLK

SHALES LT GRY NS

3000

0

ROP (min/ft)

15

SHALES LT VFGRN NO POR NS

3050



3100

shale-slts ,gry,sst wh frngm wellsorted fr por no show

SHALE DK GRY

MISS CHT
3122 -1775)

CHERT WH/FOSS DEVIT,SCAT POR @ EDGES MOSTLY DNS
FRESH SCAT FLUOR SLIGHT ODOR SSFO, GAS BUBBS, FLUOR
SCAT DK BRN STAIN

MISS LIME
3130(-1783)

LS CRM F-MEDXLN, FOSS,FR INTERXLN POR,BREAKS VERY
EASY, FAIR ODOR ,FLUOR ~ 20-30% SHOW FREE OIL GAS &
BUBBS, ABUND CHERT WH DEVIT W/FLUOR & STN ,CHALKY IN
PART "WASH WHITE"

FAIR ODOR,FLUOR- 30%
SFO & GAS/

3150

CFS @3150'

LS TAN /GRY F-MEDXLN,SL FOSSIL SFO & GAS BUBBS @ BRK,
BRK EASY, ,FLUOR -10%, SL ODOR ,CHERTYAA WSSO,STN

LS CHTY TAN/BRN F-FMEDXLN,SFO FEW GAS BUBBS @
BRK,BREAKS EASY, FLUOR 10-15%, SLIGHT ODOR,GD
SAMPLE/GD ROCK

CFS @3180'

LS TAN FNXLN MORE DNS, FLUOR 5%, ?ODOR SLIGHT SHOW
FREE OIL & GAS BUBBS @ BRK,BREAKS HARDER

3200

ROP (min/ft)

LS DK BRN, FNXLN, BREAS HD W/ A SLIGHT SHOW OF OIL & GAS
BUBBS, NO ODOR FLUOR <5% FEW PSC CHERT WHITE DNS
FRESH NO VIS POR NS

CFS

LS DK BRN FNXLN/MICROXLNDNS NO VIS POR NS FEW PSC CHT
FRESH WHITE

Trip PDC Bit
@3234'

POOR SAMPLES ABUND RED SHALES/BIT TRIPMATERIAL

3250

LS TAN/CRM SL MOTT FNXLN SL INTERXLN POR NO SHOWS

LS TAN DK BRN FNXLN DNS BRITTLE NO SHOWS FEW PSC WH
SL FOSSIL W/ FLUOR SSFO @ BRK NO ODOR COULD BE
UPHOLE TOPOF MISS SAMPLE FROM TRIP

??

LS AATSN FNXLN DNS NO SHOWS FEW PSC CHT W FLUOR SSO
BUT COULD BE UPHOLE MATERIAL

3300

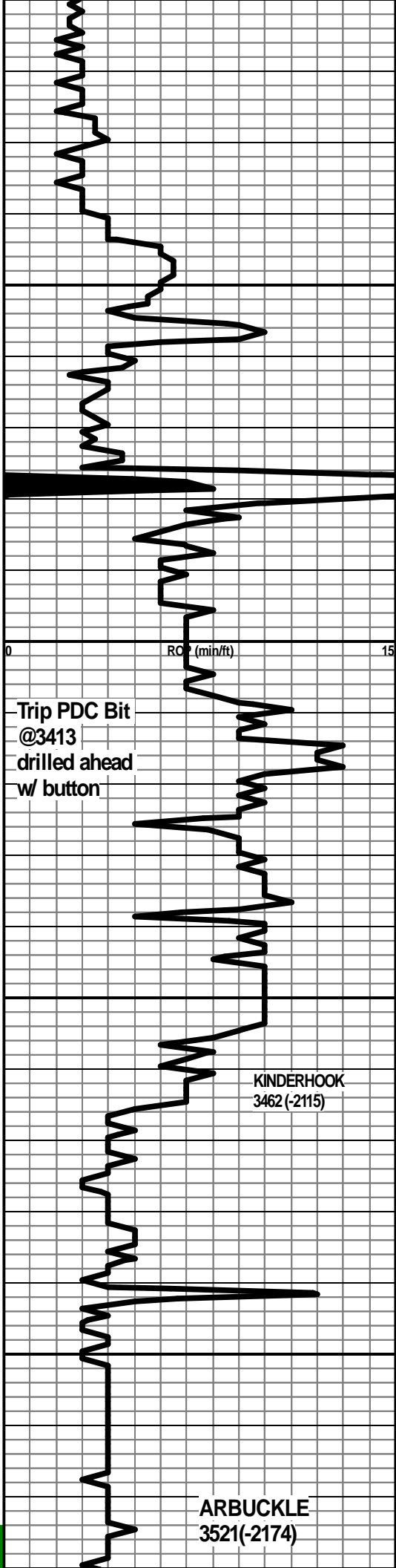
LS TAN/BRN AA FNXLN SL BRITTLE SOME DK BLK SHALES

3350

3400

3450

3500



Trip PDC Bit
@3413
drilled ahead
w/ button

KINDERHOOK
3462 (-2115)

ARBUCKLE
3521 (-2174)

LS CRM WH FNXLN W/VT SL INTERXLN POR IN FEW PSC, SHLY GRY GRN FEW CHT PSC

LS TAN BRN FNXLN DNS/MICRO ABUND PYRITE

LS DK BRN DNS MICROLJN "GLASSY"

POOR SMPLE MOSTLY SHALES GRY /RED LS BRN
FNXLN DNS NO POR NS

LS AADK BRN DNS MICRONS

LS AADK BRN DNS MICRO

LS BRN /TAN FNXLN BRITTLE VERY SLIGHT SHOW GAS BUBBS
@ BRK, NO ODOR, NO FLUOR, NO VIS SHOW OIL

LA DK BRN DNS MICRO/BRITTLEAA

SHALE GRYFISS

LS WH LT GRY FNXLN DNS NO POR NS

SHALE BLK PETROLIF W/ GD ODOR & GAS BUBBS ABUND
PYRITE

LS WH DNS

SHALE BLK PETROLIF GOOD ODOR, GAS BUBBS

Dolo bn fr-medxl n /vugy porosity, few rhom xlxs, w/ fluor ~ 10-20%
sample good show oil, gas bubbs fair, dk bm stain. Chert wh fresh

MUD CK @3414
Vis: 37
Wt: 9.35
WL: 10.2
Ch: 1150
LCM: 2#

Good odor

