



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

Well Name: ELLIS
Well Id: #2-6
Location: 2163' FSL, 2046' FWL, SW/4 Sec 06-T16S-R32W, Scott County, Kansas
License Number: API: 15-171-21319 **Region:** Scott County
Spud Date: 03/30/2024 **Drilling Completed:** 04/09/2024
Surface Coordinates: NAD83
Lat: 38.6910757, Long: -100.9007716
Bottom Hole Vertical hole
Coordinates:
Ground Elevation (ft): 3009' **K.B. Elevation (ft):** 3019'
Logged Interval (ft): 3800' **To:** RTD **Total Depth (ft):** 4695'
Formation: Mississippian at RTD
Type of Drilling Fluid: Chemical

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

OPERATOR

Company: SHAKESPEARE OIL COMPANY, INC.
Address: 202 West Main Street
Salem, IL 62881
618-548-1585

WELLSITE GEOLOGIST

Name: Kent R. Matson
Company: Matson Geological Services, LLC
Address: 33300 W. 15th Street S.
Garden Plain, Kansas 67050
316-644-1975; kent4m@hotmail.com



COMMENTS

Shakespeare Oil Company, Inc., Geologist: Toby Eck, 316-305-0572 (cell).

Contractor: Southwind Drilling Company, Inc.: Rig #8.

Tool Pusher: Doug Roberts, 620-617-6023 (cell).

Surface Casing: 8 5/8" set at 277' (KB) w/180sx cement.

Production Casing: Based on field observations of drill cuttings, DST results and electric log evaluation, production casing was not installed and the well was plugged and abandoned.

Mud by: Mud-Co/Service Mud, Inc., Reid Atkins, 785-694-3741 (cell).

DST's by: Trilobite Testing, Martine Salinas, 785-259-0746 (cell).

Logs by: ELI Wireline (DI w/GR, CND, Micro), Jeff Luebbers, 785-628-6395 (office).

RTD= 4695'

LTD= 4702'

FORMATION TOPS

FORMATION	SAMPLE TOPS		LOG TOPS	
	Depth	Datum	Depth	Datum
Heebner Shale	3950'	-931	3952'	-933
Lansing	3991'	-972	3994'	-975
Muncie Creek Shale	4164'	-1145	4166'	-1147
Stark Shale	4256'	-1237	4258'	-1239
Hushpuckney Shale	4298'	-1279	4302'	-1283
Base of KC	4334'	-1315	4336'	-1317
Marmaton	4380'	-1361	4381'	-1362
Pawnee	4470'	-1451	4571'	-1452
Myrick Station	4500'	-1481	4501'	-1482
Fort Scott	4514'	-1495	4515'	-1496
Cherokee Shale	4540'	-1521	4542'	-1523
Johnson	4584'	-1565	4584	-1565
Mississippian	4664'	-1645	4668'	-1649
RTD	4695'	-1676		
LTD			4702'	-1683

ROCK TYPES

LITHOLOGY

	Anhy
	Cht
	Coal
	Congl
	Dol
	Gyp
	Lmst
	Salt
	Shale
	Shcol
	Shgy
	Sltst
	Ss
	Carb sh
	Dol
	Dtd
	Gry sh
	Sandy lms
	Shale
	Sltstn
	Shlyslts



Siltysh
Sdy dolo
Silty dolo
Shy dolo
Shaly ls

FOSSIL



Algae
Amph
Belm
Bioclst
Brach
Bryozoa
Cephal
Coral
Crin
Echin
Fish
Foram
Fossil
Gastro
Oolite

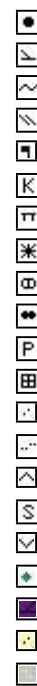


Ostra
Pelec
Pellet
Pisolite
Plant
Strom
Fuss
Oomold

MINERAL

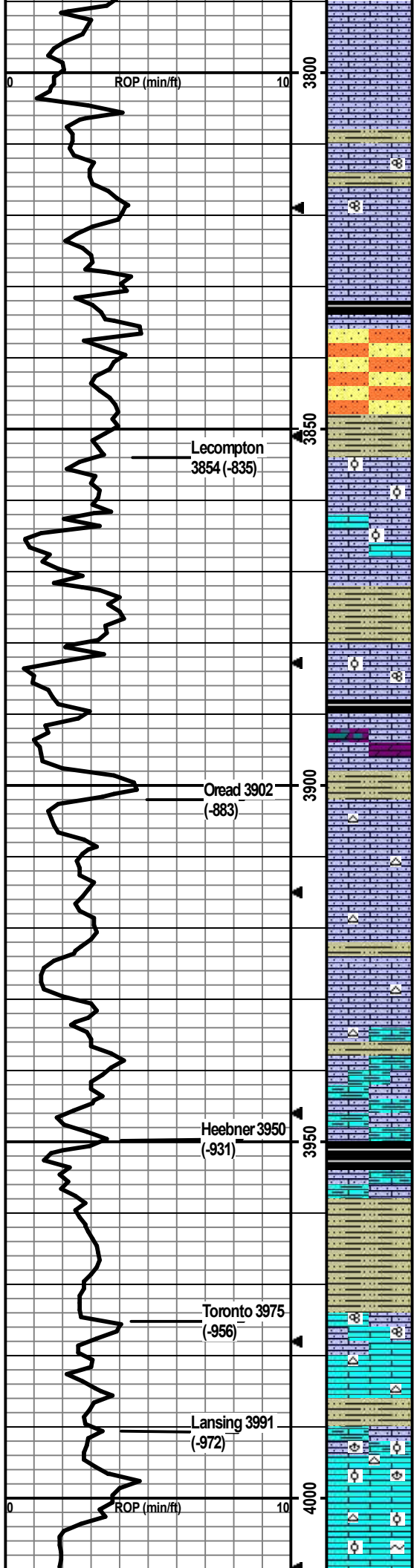


Anhy
Arggrn
Arg
Bent
Bit
Brecfrag
Calc
Carb
Chtdk
Chtlt
Dol
Feldspar



Ferrpel
Ferr
Glau
Gyp
Hvymin
Kaol
Marl
Minxl
Nodule
Phos
Pyr
Salt
Sandy
Silt
Sil
Sulphur
Tuff
Chlorite
Dol
Sand
Sltly

Rate of Penetration (ROP) ROP (min/ft)		DEPTH	Lithology	CFS Point	Oil Shows	Geological Descriptions	Remarks
0 ROP (min/ft) 10		36				Morning Report Depth/Activity (7:00 am) 03/29/2024: MIRU. 03/30: Finish MIRU, Spud; set surface casing @ 277' KB. 03/31: Drilling @ 368'. 04/01: Drilling @ 2357'. 04/02: Drilling @ 3501'. 04/03: Drilling @ 3873'. 04/04: Drilling @ 4132'. 04/05: TIH w/bit after DST #1 @ 4250'. 04/06: TOH w/bit for DST #2 @ 4430'. 04/07: DST #3 @ 4480'. 04/08: TIH w/bit after DST #4 @ 4530'. 04/09: CTCH after DST #5 @ 4620'. TD @ 4695'. Electric logged.	Mud-Co/Service Mud Inc. Check #1 @ 0' 03/29/24, predrilling instructions.
		3650				Anhydrite: Top @ 2390' (+629), Base @ 2411' (+608) (based on drill time). E-Log Top @ 2390' (+629), Base @ 2410' (+609).	Mud-Co/Service Mud Inc. Check #2 @ 2632' 04/01/24 12:45pm wt vis pH chl 9.8 30 7 48000 Filt LCM n/c 1
						Geologist on location @ 3660', 04/02/2024.	Mud-Co/Service Mud Inc. Check #3 @ 3574' 04/02/24 09:00am wt vis pH chl 8.8 54 11.5 2400 Filt LCM 6.8 4
						ROP Data begins @ 3690' on 04/02/2024. Recorded from drillers geolograph record, and geologist's auto-reader switch on geolograph.	Displaced drilling mud @ 3581'.
		3700				Formation tops and lithologies have been adjusted to correlate to the electric log.	Bit Trip @ 3660': Replaced PDC bit w/tricone bit.
							Mud-Co/Service Mud Inc. Check #4 @ 3860' 04/03/24 10:40am wt vis pH chl 9.1 52 10.5 2200 Filt LCM 7.2 3
							Mud-Co/Service Mud Inc. Check #5 @ 4146' 04/04/24 08:15am wt vis pH chl 9.3 51 10.0 3000 Filt LCM 8.0 2
		3750					Mud-Co/Service Mud Inc. Check #6 @ 4250' 04/05/24 08:40am wt vis pH chl 9.2 51 10.5 3100 Filt LCM 7.2 1
						<<<<<<< Oil Shows indicator: Left Block 0-10 tray pcs w/show, Middle Block 10-20 tray pcs w/show, Right Block 20+ tray pcs w/show.	Mud-Co/Service Mud Inc. Check #7 @ 4430' 04/06/24 08:10am wt vis pH chl 9.3 56 10.5 4100 Filt LCM 8.8 2
						NOTE: RED TEXT INDICATES THE PRESENCE OF OIL.	Mud-Co/Service Mud Inc. Check #8 @ 4480' 04/07/24 06:00am wt vis pH chl 9.3 55 11.0 4000 Filt LCM 8.0 2
						Drill cutting samples at 10' intervals start at 3800'.	



LS: cm/min lt gry, vf-m xtal, silty/sndy, smpl vry chalky, foss frags/grainy, vf-f in-xtal por, no odor, ns.

LS: cm/lt bm/lt gry, vf-m xtal, silty/sndy, smpl vry chalky, foss frags/grainy, vf-f in-xtal por, no odor, ns.

LS: cm/lt bm/lt-m gry, vf-m xtal, vry silty/sndy, some chalky, foss frags/fusln/grainy, ppt-f in-xtal por, no odor, ns.

LS: cm/lt gry, vf-m xtal, silty/sndy/arg, some chalky, foss frags/grainy, min vf-f in-xtal por, no odor, ns.

SH: m-dk gry, some vry silty/sndy, carb, soft-firm.

SS/Sltstn: lt gry, vf-f, pred qtz, carb matrix, friable, no odor, ns.

SH: lt-dk gry/lt-m green-gry, vry silty/sndy, carb, soft-firm.

SS/Sltstn: lt-m gry, vf-f, pred qtz, carb matrix, friable, no odor, ns.

SH: lt-dk gry/red-brn, silty/sndy, carb, soft-firm.

LS: cm/lt-m gry/lt-m bm, vf-m xtal, silty/sndy, chalky, foss frags/ool, some ppt-f in-xtal por, no odor, ns.

LS: cm/min lt gry, micro-m xtal, some silty/sndy, some chalky, foss frags/ool, no vis por, no odor, ns.

SH: lt-m gry/lt-m red-bm, silty/sndy, carb, soft-firm.

LS: cm/lt-m gry, vf-m xtal, vry silty/sndy, some chalky, foss frags/min ool/min fusln, min vf-f in-xtal por, no odor, ns.

LS: cm/lt bm/lt gry, f-m xtal, silty/sndy, some chalky, some dolomitic, foss frags, min ppt-vf in-xtal por, no odor, ns.

LS: cm/lt bm/lt gry, vf-m xtal, silty/sndy, chalky, some foss wht/lt gry chert, foss frags/some grainy, min ppt-f in-xtal por, no odor, ns.

LS: cm/lt bm/lt gry, vf-m xtal, silty/sndy, some chalky, wht/cm/lt gry foss chert, foss frags, min ppt-f in-xtal por, no odor, ns.

LS: cm/lt bm/lt gry, vf-m xtal, silty/sndy, chalky, wht/lt gry foss chert, foss frags, min ppt-f in-xtal por, no odor, ns.

LS: cm/lt bm/lt-m gry, vf-m xtal, silty/sndy/arg, chalky, min lt gry chert, foss frags, no vis por, no odor, ns.

LS: cm/lt-m bm/lt gry, f-m xtal, silty/sndy/arg, chalky, foss frags, no vis por, no odor, ns.

SH: dk gry/blk, slt silty, carb, firm.

LS: cm/lt bm, vf-m xtal, silty/sndy/arg, chalky, foss frags, no vis por, no odor, ns.

SH: lt gry/lt green-gry/lt-m red-bm, some silty, carb, soft-firm.

LS: wht/cm/lt bm/lt gry, micro-m xtal, min silty/sndy, some chalky, foss frags/fusln, no vis por, no odor, ns.

LS: wht/cm/min lt bm/min lt gry, micro-m xtal, min chalky, some wht chert, foss frags, no vis por, no odor, ns.

SH: lt-dk gry/red-bm, silty, carb, soft.

LS: cm/lt gry, micro-m xtal, some silty/arg, some chalky, min wht/lt gry chert, foss frags/brac/ool, no vis por, no odor, ns.

LS: cm, micro-m xtal, some chalky, wht chert, min glauc, foss frags/ool, no vis por, no odor, ns.

Mud-Co/Service Mud Inc.
Check #9 @ 4530' 04/08/24
08:30am
wt vis pH chl
9.3 57 11.0 3500
Filt LCM
8.8 2

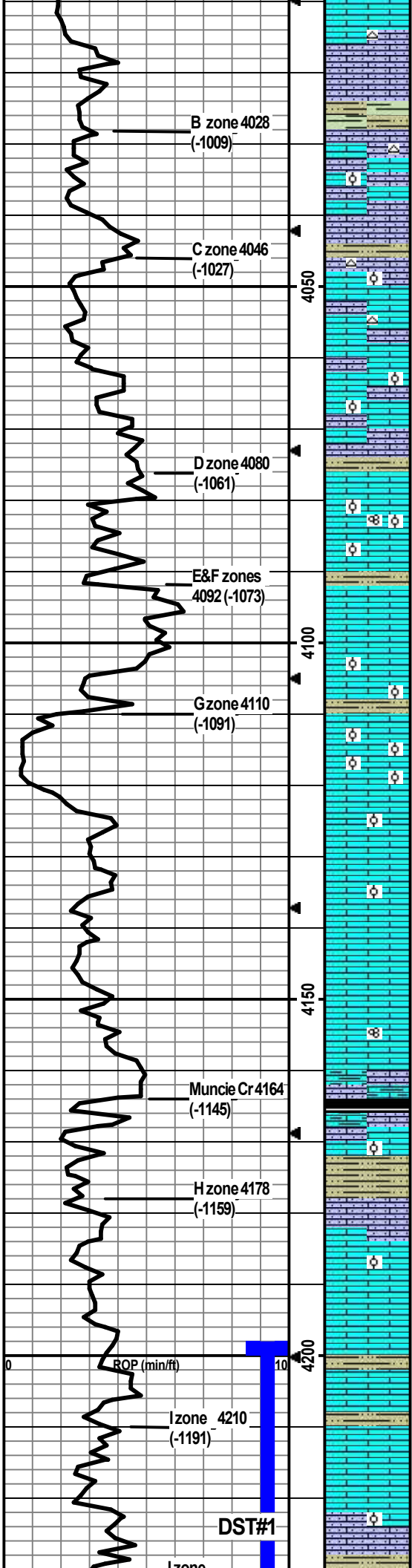
Mud-Co/Service Mud Inc.
Check #10 @ 4645' 04/09/24
09:15am
wt vis pH chl
9.2 50 10.5 4000
Filt LCM
8.0 2

Pipe strap TOH for
DST #1 @ 4250'
was 0.18' short to
the board.

Survey Record
Deg @ Ft
0.50 @ 277'
1.00 @ 4250'
0.75 @ 4695'

CFS @ 3978'
Stop/30"/60"

CFS @ 4010'



LS: cm/min lt bm/min lt gry, micro-m xtal, some silty/sndy, some chalky, min wht foss chert, no vis por, no odor, ns.

SH: lt-dk gry/lt-m red-bm, some silty/sndy, carb, soft-firm.

LS: cm, micro-m xtal, some silty/sndy, some chalky, min wht/crm chert, foss frags/some fm ool, some vf-f in-xtal por, no odor, ns.

LS: cm/lt gry/lt bm, micro-m xtal, some silty/sndy, some chalky, min wht/crm foss chert, foss frags/some ool, some vf-f in-xtal por, no odor, ns.

LS: cm/some lt gry, micro-m xtal/some 2ndry xtals, min sndy, some chalky, min wht/crm foss chert, foss frags, min f-crs in-xtal por, no odor, ns.

LS: cm/lt bm/lt gry, micro-m xtal, some silty/sndy, some chalky, foss frags/some ool, some f-crs in-xtal por, no odor, ns.

SH: lt-m gry/lt-m gry-green/lt-m red-bm, silty/sndy, carb, soft-firm.

LS: cm/lt bm, micro-m xtal, some silty/arg, some chalky, foss frags, no vis por, no odor, ns.

LS: cm/lt bm, micro-m xtal, some chalky, foss frags/abund ool/min fusin, no vis por, no odor, ns.

SH: m-dk gry, slt silty, slt carb, soft.

LS: cm, micro-m xtal w/some 2ndry xtals, some chalky, min foss frags, no vis por, no odor, ns.

LS: cm/lt-m bm, micro-m xtal, some chalky, oolitic, some m-crs/vug oo-castic por, no odor, ns.

LS: cm/lt-m bm, micro-m xtal, abund ool, m-crs-vug oo-castic por, no odor, ns.

LS: cm/lt gry, micro-m xtal/some 2ndry xtals, some chalky, some oolitic, min vf-f in-ool por, no odor, ns.

LS: same as above w/no vis por, no odor, ns.

LS: wht/crm/lt gry, micro-m xtal/some 2ndry xtals, some chalky, min foss frags, some f-m in-xtal por, no odor, ns.

LS: cm/lt gry/lt-m bm/dk gry mottling, micro-m xtal, some chalky, foss frags/fusin, no vis por, no odor, ns.

LS: cm/lt gry/lt-m bm, micro-m xtal w/2ndry xtals, some silty/arg, some chalky, min foss frags, no vis por, no odor, ns.

SH: m-dk gry/blk, slt silty, slt carb, soft-firm.

LS: cm/lt-m bm/lt gry, micro-m xtal, some silty/sndy/arg, some chalky, foss frags/min ool, no vis por, no odor, ns.

SH: lt-dk gry/dk red-bm, silty, carb, soft-firm.

LS: cm/lt gry/min lt-m bm, micro-m xtal, some chalky, some silty, wht/crm chert, foss frags/min ool, 1 pce w/sfo w/vf-f in-xtal por, 1 pce w/blk tar on frac edge, dul yel fluor/cut, mainly no vis por, no odor, slt sfo.

LS: cm/lt gry/lt-m bm, micro-m xtal/some 2ndry xtals, some chalky, foss frags, no vis por, no odor, ns.

SH: m-dk gry/blk/m-dk red-bm/green-gry, silty, slt carb, soft-firm.

LS: cm/lt-m bm/lt gry, micro-m xtal, min chalky, foss frags, no vis por, no odor, ns.

LS: cm/lt-m bm, micro-m xtal, some chalky, foss frags, 18 pcs w/blk tar w/min thk fluid oil, vf-m in-xtal por, yel fluor cut, no odor, slt sfo.

LS: cm/lt bm/lt gry, micro-m xtal, some silty, some chalky, foss frags/min ool, 11 pcs w/blk tar w/some thk fluid oil, vf-m in-ool/in-xtal por, yel fluor cut, no odor, slt sfo.

SH: lt-dk gry/lt-dk red-bm/lt gry green, vny silty/sndy carb, soft-firm.

CFS @ 4040'
Stop/30"/60

CFS @ 4060'
Stop/30"/60

CFS @ 4090'
Stop/30"/60

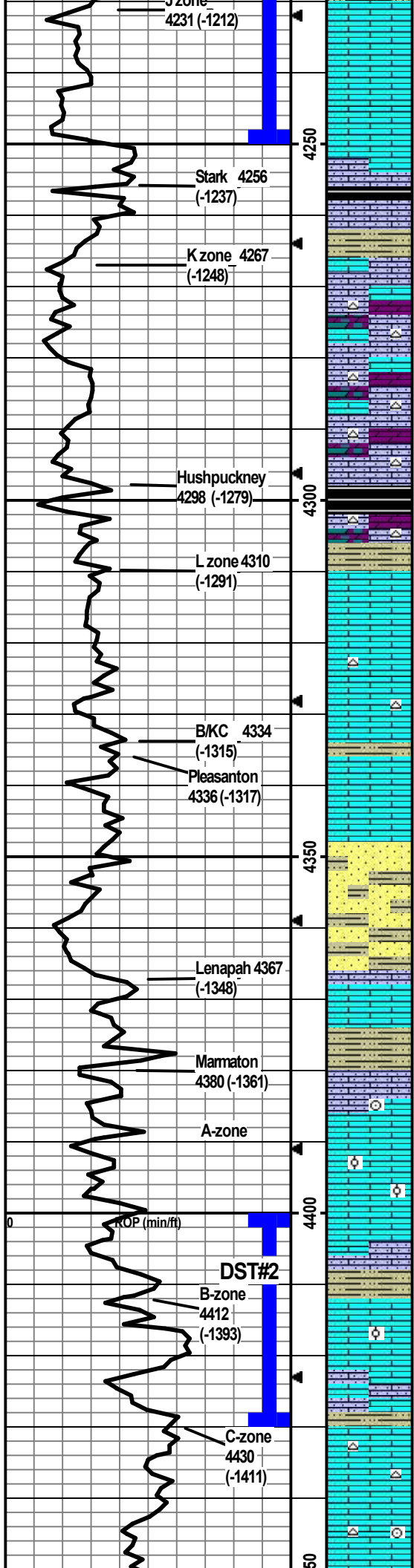
CFS @ 4110'
Stop/30"/60

CFS @ 4121'
Stop/30"/60

DST1) 4198-4250
Lansing I and
J-zones
15/30/30/30
1st) Blow built to 1/4"; no BB.
2nd) Blow built to 1/4"; no BB.
IFP 30-41#
ISIP 1135#
FFP 39-62#
FSP 1130#
HP 2053-2043#
Recvd: 70' Mud (100%M).

CFS @ 4190'
Stop/30"/60

CFS @ 4220'
Stop/30"/60



SH: dk gry/dk red-bm lt gry-green, vry silty/sndy, carb, soft-firm.
LS: wht/cmlt bm, micro-m xtal, some chalky, foss frags, 8 pcs w/bk tar w/min thk fluid oil, vf-m in-xtal por, yel fluor cut, no odor, sft sfo.

LS: cm/lt-m bm/min lt gry, micro-m xtal, some chalky, foss frags, 6 pcs w/bk tar w/some thk fluid oil, vf-m in-xtal por, yel fluor cut, no odor, sft sfo.

CFS @ 4250'
Stop/30"/60"

LS: cm/lt-m bm/dk gry mottling, micro-m xtal, some silty/sndy, some chalky, foss frags, no vis por, no odor, ns.

SH: dk gry/blk, sft silty, sft carb, firm.

LS: cm/lt bm/lt-m gry, vf-m xtal, some vry silty/sndy, some chalky, foss frags, no vis por, no odor, ns. (Smpl flood of SH: m-dk gry, vry silty, carb, soft).

LS: cm/lt-m bm/lt gry, vf-m xtal, smpl vry chalky, some silty/sndy, cm/pink dolo, lt gry chert, foss frags, min vf-f in-xtal por, no odor, ns.

CFS @ 4280'
Stop/30"/60"

LS: cm/lt gry, vf-m xtal, some silty, some chalky, wht/lt gry chert, some cm dolo, foss frags, min ppt-vf in-xtal por, no odor, ns.

LS: cm/lt bm/lt gry, vf-m xtal, vry silty, chalky, lt gry chert, some cm/lt gry dolo, foss frags, por, no odor, ns.

SH: dk gry/blk, some silty, sft carb, firm, fissile.

LS: cm/lt-m gry/lt-m bm, vf-m xtal, silty, some chalky, some cm dolo, wht/lt gry foss chert, foss frags, min ppt-vf in-xtal por, no odor, ns.

SH: m-dk gry/m-dk red-bm, silty, sft carb, firm.

LS: cm/lt gry, micro-m xtal, some chalky, foss frags, no vis por, no odor, ns.

CFS @ 4320'
Stop/30"/60"

LS: cm/min lt gry, micro-m xtal, some chalky, lt gry chert, some foss frags, min f-m in-xtal por, no odor, ns.

LS: cm/lt-m bm/lt gry, micro-m xtal w/some 2ndry xtals, some chalky, lt gry/lt bm chert, foss frags, no vis por, no odor, ns.

**DST2) 4400-4430
Marmaton B-zone**

10/20/2020
1st) WSB; no BB.
2nd) WSB at 10min; no BB.
IFP 30-33#
ISIP 581#
FFP 31-32#
FSIP 495#
HP 2201-2182#
Recvd: 5' OCM (35%O,
65%M).

LS: cm/lt gry/lt-m bm, micro-m xtal, some chalky, some vry silty/sndy, foss frags, no vis por, ns.

SS: lt gry, vf-f, pred qtz, carb matrix, hard, some friable, no odor, ns.

SS: lt gry, vf-f, pred qtz, some arg, carb matrix, some hard, some friable, no odor, ns. Min SH: lt-dk gry, some vry silty/sndy, carb, soft.

SH and SS as above w/lt-dk red-bm SS, vf-f, arg, carb matrix, friable, no odor, ns.

LS: cm/lt gry/min lt bm, micro-m xtal, some silty, some chalky, min foss frags, no vis por, no odor, ns.

CFS @ 4375'
Stop/30"/60"

SH: lt-dk gry/gry-green/lt-m red-bm, silty, carb, soft-firm.

LS: cm/lt bm, micro-m xtal, some silty, some chalky, min foss frags/crin, no vis por, no odor, ns.

LS: cm/lt bm, micro-m xtal, some chalky, foss frags/some ool, no vis por, no odor, ns. (Smpl is flood of SH.)

CFS @ 4400'
Stop/30"/60"

LS: wht/cmlt gry, micro-m xtal, some chalky, some vry silty, foss frags, 4 pcs w/frac staining wfo on break, ppt-vf in-xtal por along frac breaks, no fluor, no odor, sfo.

SH: lt-dk gry/gry-green/maroon, silty, carb, soft-firm.

LS: cm/min lt gry, micro-m xtal, min chalky, foss frags/some dense ool, 2 pcs w/sfo w/ppt-f in-xtal por, no fluor, no odor, sfo.

CFS @ 4425'
Stop/30"/60"

LS: cm, micro-m xtal, some chalky, some silty/sndy, min foss frags, approx 5-10% of smpl w/sfo, ppt-crs/vug in-xtal por, dul yel fluor, gd odor, gd sfo.

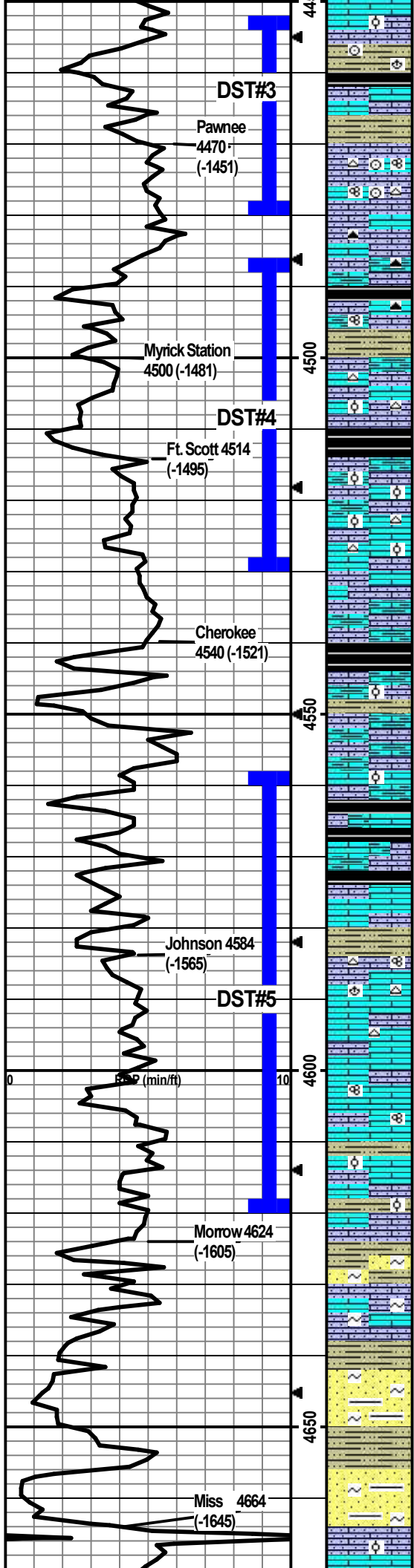
CFS @ 4430'
30"/60"

LS: wht/cmlt/min lt bm, micro-m xtal, min chalky, wht/lt gry chert, foss frags, no vis por, no odor, ns.

CFS @ 4450'
Stop/30"/60"

LS: cm/lt bm/lt gry, micro-m xtal, some chalky, min wht/lt gry chert, foss frags/crin, no vis por, no odor, ns. (1 vug-por pcs w/staining in 30min assume from above.)

**DST3) 4452-4480
Pawnee**



LS: cm/lt gry, micro-m xtal, some silty, some chalky, foss frags/some ool, no vis por, no odor, ns.
SH: dk gry/blk/min gry-green/min dk red-bm, some silty, carb, crins/bracs, soft-firm.
LS: cm/lt bm/lt-m gry, micro-m xtal, some silty, some chalky, foss frags, no vis por, no odor, ns.
SH: lt gry, some vry silty, carb, soft.

LS: cm, micro-m xtal, some silty, some chalky, wht/lt gry foss chert, foss frags/fusln/crin, 25 pcs w/sfo w/vf-m in-xtal por, dul yel fluor, gd odor, sfo.

LS: cm/lt-m gry/lt bm, micro-m xtal, some silty/sndy/arg, chalky, dk bm/dk gry chert, foss frags, no vis por, no odor, ns. (Smpl is flood of SH.)

SH: m-dk gry/blk, some vry silty/sndy, silt carb, soft-firm.
LS: cm/lt-dk bm/lt-m gry, micro-m xtal, some silty/arg, chalky, dk gry/dk bm chert, foss frags/fusln, 2 pcs w/sfo w/vf-m in-xtal por, no fluor, no odor, silt sfo.
LS: cm/lt bm/min lt gry, micro-m xtal, some silty/arg, some chalky, wht/lt bm/lt gry chert, foss frags/ool in 60min, 19 pcs w/sfo w/mostly ppt-f/min med in-xtal por, no fluor, silt odor, sfo.

SH: dk gry/blk, some silty, carb, firm, fissile.
LS: cm/lt-m gry/lt-m bm, micro-m xtal, some vry silty/sndy/arg, chalky, foss frags/ool, 11 pcs w/sfo w/ppt-m in-xtal por, no fluor, no odor, sfo.

LS: cm/min lt-m bm/min lt gry, micro-m xtal, some silty, some chalky, wht/lt gry foss chert, foss frags/ool, no vis por, no odor, ns.

LS: lt-m bm/lt-m gry, vf-m xtal, mostly silty/arg, chalky, foss frags, no vis por, no odor, ns.
SH: m-dk gry/dk red-bm/red-bm mottling/frac mottling, some silty, silt carb, soft-firm.

LS: cm/lt bm, vf-m xtal, some silty/arg, chalky, foss frags/min ool, no vis por, no odor, ns.

LS: cm/lt-m bm/lt-m gry-bm, vf-m xtal, some silty/arg, some chalky, foss frags/min ool, no vis por, no odor, ns.

SH: lt-dk gry/blk/dk red-bm, some silty, carb, soft-firm.
LS: cm/lt-m bm/lt-m gry, vf-m xtal, some silty/arg, some chalky, foss frags, no vis por, no odor, ns.

SH: lt-dk gry/dk red-bm/gry-green, some silty, carb, soft/firm/hard.
LS: cm/lt-m bm, micro-m xtal, min silty, some chalky, foss frags, no vis por, no odor, ns.
SH: lt-dk gry/dk red-bm/gry-green, silty, carb, soft-firm.
LS: cm/lt-m bm/lt gry, micro-m xtal, some silty, some chalky, lt bm chert, foss frags/brac/fusln, 12 pcs w/sfo w/vf-m in-xtal por, min dul yel fluor, gd odor, sfo.

LS: cm/lt-dk bm, micro-m xtal, some silty, some chalky, min lt gry/lt bm chert, foss frags, 11 pcs w/sfo w/ppt-f in-xtal por, no fluor, gd odor, sfo.

LS: wht/cm/lt-dk bm/lt gry, micro-m xtal, some silty, some chalky, foss frags/fusln/some coquina, 22 pcs w/sfo, mostly ppt-f w/some med in-xtal por, no fluor, gd odor, sfo.

LS: cm/lt-m gry, micro-m xtal, some silty, some chalky, foss frags/some ool, 23 pcs w/sfo, mostly ppt-f w/some med in-xtal por, some dul yel fluor, gd odor, sfo.

SH: lt-dk gry/blk/green-gry/maroon/mustard yel, some vry silty/sndy, carb, soft-firm. SS: wht/lt green, vf-f, sr-wr, glauc, hard, min friable, no odor, ns.

LS: cm/lt bm/lt gry/some bm mottling, micro-m xtal, some glauc, some sndy, no vis por, 1 pce w/staining w/ppt-vf in-xtal por, small dps fo on break, no odor, silt sfo.

SH: m-dk gry/lt green/dk red-bm/mustard yel, some vry silty/sndy, silt carb, soft-firm.

SS: wht/lt gry/lt gry-bm, pred qtz, f-m, sr-wr, some glauc/dk min inclusions, some silt ara. friable. no odor, ns.
(1 LS pce w/sfo w/vf-m in-xtal por, assume from above.)

SH: lt-dk gry/mustard yel/maroon, some sndy, some silt carb, firm.
SS: wht/lt gry/lt green, pred qtz, f-m, sr-wr, some glauc, some dk min streaks, some carb matrix, friable, no odor, ns.

LS: wht/cm/min lt bm, micro-m xtal, some sndy, some chalky, few dense ool pcs, no vis por, no odor, ns.

10/20/20/20
1st) Blow built to 1/4"; no BB.
2nd) No Blow; no BB.
IFP 29-30#
ISIP 34#
FFP 30-31#
FSIP 33#
HP 2235-2226#
Recvd: 2' OSM (3%O, 97%M).

CFS @ 4480'
Stop/30"/60"

CFS @ 4508'
Stop/30"/60"

CFS @ 4530'
Stop/30"/60"

DST4) 4486-4530
Myrick Station & Ft. Scott
15/30/30/30
1st) Surface blow; no BB.
2nd) No blow; no BB.
IFP 31-32#
ISIP 124#
FFP 32-33#
FSIP 92#
HP 2263-2243#
Recvd: 5' Mud (100%M).

DST5) 4558-4620
Johnson
15/30/30/30
1st) Blow built to 1/2"; no BB.
2nd) No Blow; no BB.
IFP 30-33#
ISIP 660#
FFP 34-36#
FSIP 187#
HP 2250-2221#
Recvd: 10' OSM (2%O, 98%M).

CFS @ 4620'
Stop/30"/60"

CFS @ 4670'

