KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1068276

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33036
Name: Strata Exploration, Inc.
Address 1: PO BOX 401
Address 2:
City: FAIRFIELD State: IL Zip: 62837 + 0401
Contact Person: John R Kinney
Phone: (618) 842-2610
CONTRACTOR: License # 5142
Name: Sterling Drilling Company
Wellsite Geologist: Jon Christensen
Purchaser:

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [x] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [ ] Gas
- [ ] D&A
- [ ] ENHR
- [ ] SIGW
- [ ] OG
- [ ] GSW
- [ ] Temp. Abd.
- [ ] 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 ENHR
- [ ] Conv. to SWD
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

07/29/2011	08/10/2011	09/17/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-081-21957-00-00
Spot Description:
SW - NE - NE - NE Sec. 10 Twp. 30 S. R. 32 [ ] East [x] West
335 Feet from [x] North / [ ] South Line of Section
385 Feet from [x] East / [ ] West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- [x] NE
- [ ] NW
- [ ] SE
- [ ] SW

County: Haskell
Lease Name: Stapleton Well #: 5-10
Field Name: Diaden
Producing Formation: St Louis
Elevation: Ground: 2888 Kelly Bushing: 2901
Total Depth: 5645 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 1804 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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: 5300 ppm Fluid volume: 1500 bbls
Dewatering method used: Evaporated

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

- [x] **Letter of Confidentiality Received**
  Date: 11/28/2011
- [ ] **Confidential Release Date:**
- [ ] **Wireline Log Received**
- [x] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [x] **I** [ ] **II** [ ] **III** **Approved by:** Deanna Garrisor **Date:** 11/29/2011

Side Two

1068276

Operator Name: Strata Exploration, Inc. Lease Name: Stapleton Well #: 5-10

Sec. 10 Twp. 30 S. R. 32 ☐ East ☑ West County: Haskell

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☐ Yes ☑ No

Electric Log Submitted Electronically ☐ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

See Geo Report

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	1804	A-Con	455	See Cement Ticket
Longstring	7.875	5.5	15.5	5633	Poz	260	See Cement Ticket

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
3	5532'-5538' St. Louis	1250gal 15% FE MCA	5532'-38'
3	5558'-5570' St. Louis	1750gal 15% FE MCA	5558'-70'

TUBING RECORD: Size: 2.375 Set At: 4 joints above seating nipple(5548' Packer At:

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR.

Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ Vented ☑ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:
5532'-5538'
5558'-5570'

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name:	#5-10 Stapleton		
Location:	335' FNL & 385' FEL, Sec. 10-T30S-R32W, Haskell Co., KS.		
Licence Number:	15-081-21957-0000	**Region:**	Diaden Field Ext.
Spud Date:	7/29/2011	**Drilling Completed:**	8/10/11
Surface Coordinates:	335' FNL & 385' FEL, Sec. 10-T30S-R32W		
Bottom Hole Coordinates:	Same as Above		
Ground Elevation (ft):	2888'	**K.B. Elevation (ft):**	2901'
Logged Interval (ft):	4000' To: 5640'	**Total Depth (ft):**	5640'
Formation:	St. Louis at Total Depth		
Type of Drilling Fluid:	Freshwater/Gel to 3120'; Chemical Gel 3120' to TD.		

OPERATOR

Company: Strata Exploration, Inc.
Address: P.O. Box 401
Fairfield, IL. 62837-0401

GEOLOGIST

Name: Jon D. Christensen
Company: Consulting Petroleum Geologist
Address: 9002 W. Silver Hollow St.
Wichita, KS. 67205-8856

Cores

None Taken

DSTs

DST #1(Upper Morrow Sand) 5260' - 5348' Test Times 15"-45"-45"-90" IFP Strong Blow BOB/4", FFP Strong Blow BOB/Immed. No Gas to Surface, no Blowback on SI's; REC: No detectable GIP, 100' DM, no oil or gas; IFP 29-31#, ISIP 353#, FFP 33-37#, FSIP 757#(Building at appx.45 Deg. angle), IHP 2658#, FHP 2540#, BHT 132 Deg. F.

DST #2(St. Louis A + B) 5526' - 5576' Test Times 15"-45"-45"-90" IFP Strong Blow BOB/1 Min. Gas to Surface in 4 Min., FFP Gauged Gas throughout - Stabilized at 34# on a 1" choke = 1.391 MMCFGPD/45" of FFP; No Blowback on SI's; REC: 270' GOCM(40%G, 20%O, 40%M), no Water; IFP 255-281#, ISIP 1431#, FFP 227-268#, FSIP 1419#, IHP 2759#, FHP 2655#, BHT 129 Deg. F.

Comments

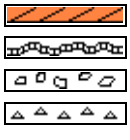
7/29/11 MIRU Sterling Drilling Co. Rig #5, Spud at 7:15 PM.; 7/30/11 Drilling at 780'; 7/31/11 TD. 1809' - TOH to run Surface Casing; 8/1/11 Drilling at 2000'; 8/2/11 Drilling at 2830'; 8/3/11 Drilling at 3610'; 8/4/11 Drilling at 4135'; 8/5/11 Drilling at 4600'; 8/6/11 Drilling at 4985'; 8/7/11 Drilling at 5285'; 8/8/11 TD. 5348' - TIH after DST #1; 8/9/11 TD. 5576' - CCH for DST #2; 8/10/11 RTD. 5640' - Reached TD. at 4:45 AM. - CCH for Logs

Set new 8 5/8"(23#) Surface Casing at 1804' KB. w/605 sx.(Basic Energy Services). Cement Did Circulate. PD. 2:00 PM. 7/31/11.

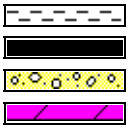
Surveys: 1.75 Deg. at 1809'(Surface Casing); 1.0 Deg. at 3686'(Bit Trip); 1.0 Deg. at 5348'(DST #1); 0.5 Deg. at 5576'(DST #2).

Pipe Strap at 3686'(Bit Trip): Strap 1.47' Short to the Board, no correction made to the Board.

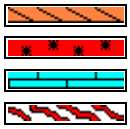
ROCK TYPES



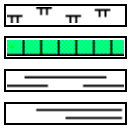
Anhy
Bent
Brec
Cht



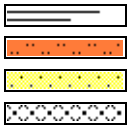
Clyst
Coal
Congl
Dol



Gyp
Igne
Lmst
Meta



Mrlst
Salt
Shale
Shcol



Shgy
Sltst
Ss
Till

ACCESSORIES

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

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

POROSITY

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

SORTING

- Well
- Moderate
- Poor

ROUNDING

- Rounded
- Subrnd
- Subang
- Angular

OIL SHOW

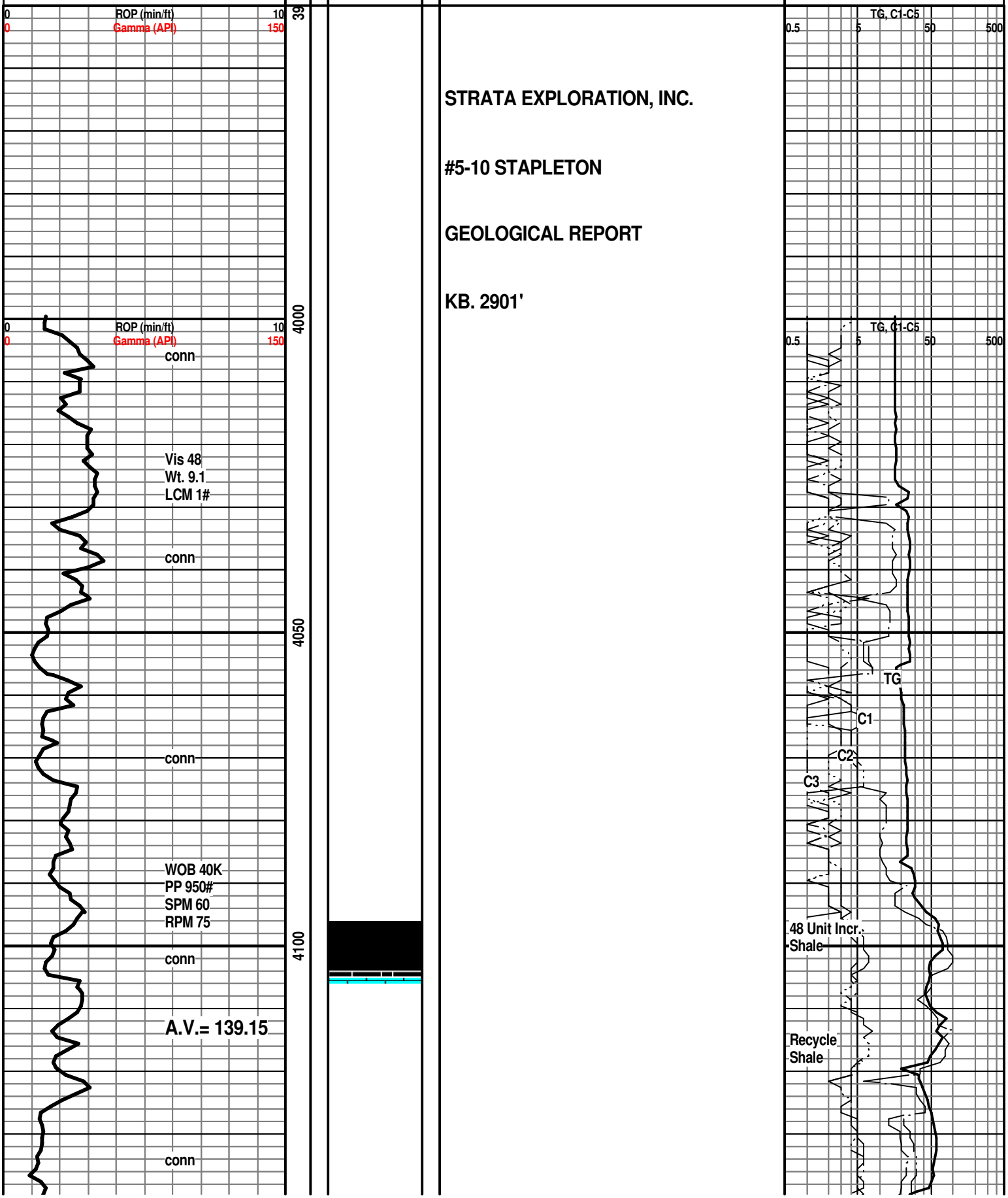
- Even
- Spotted
- Ques
- Dead

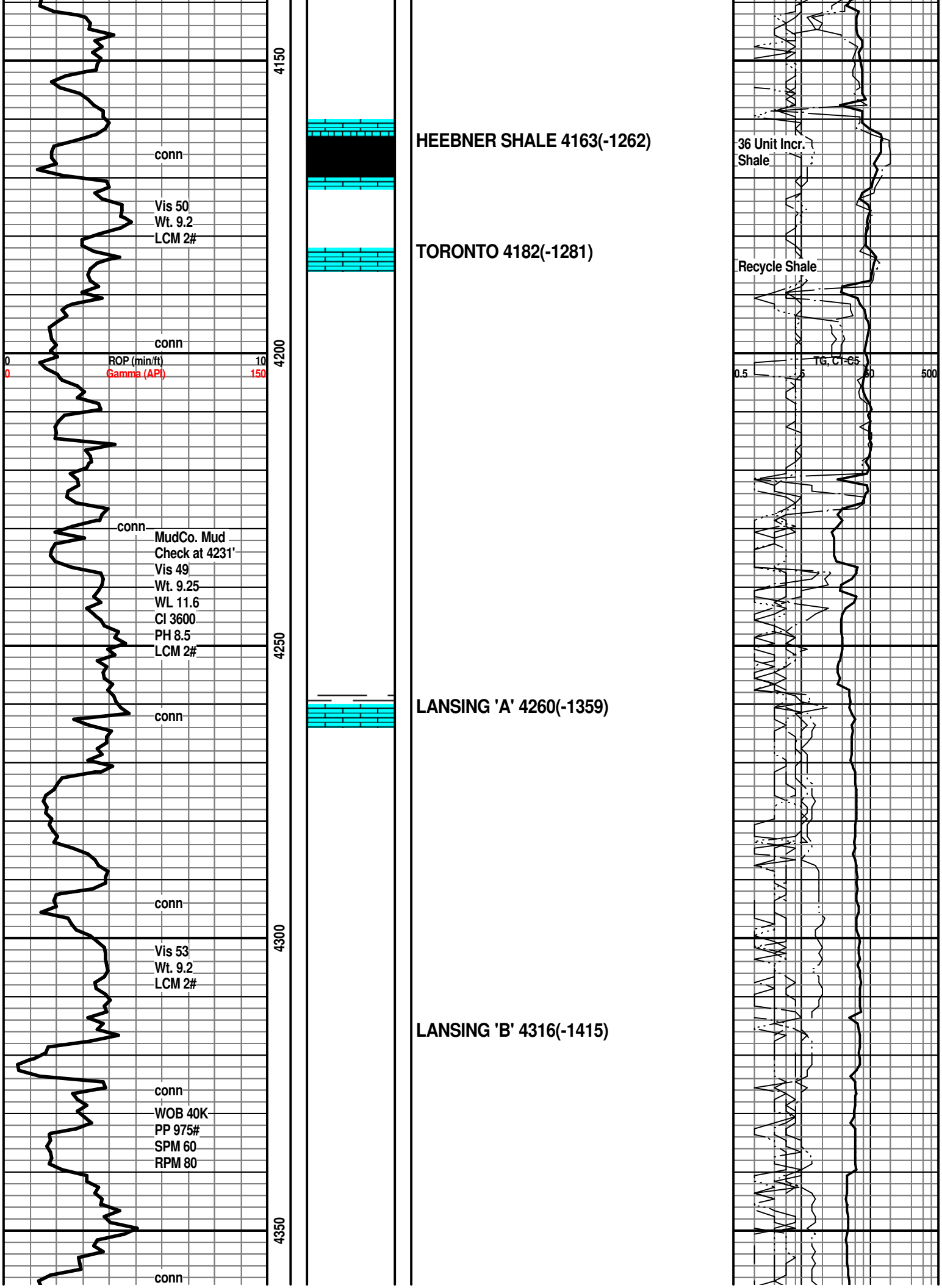
INTERVAL

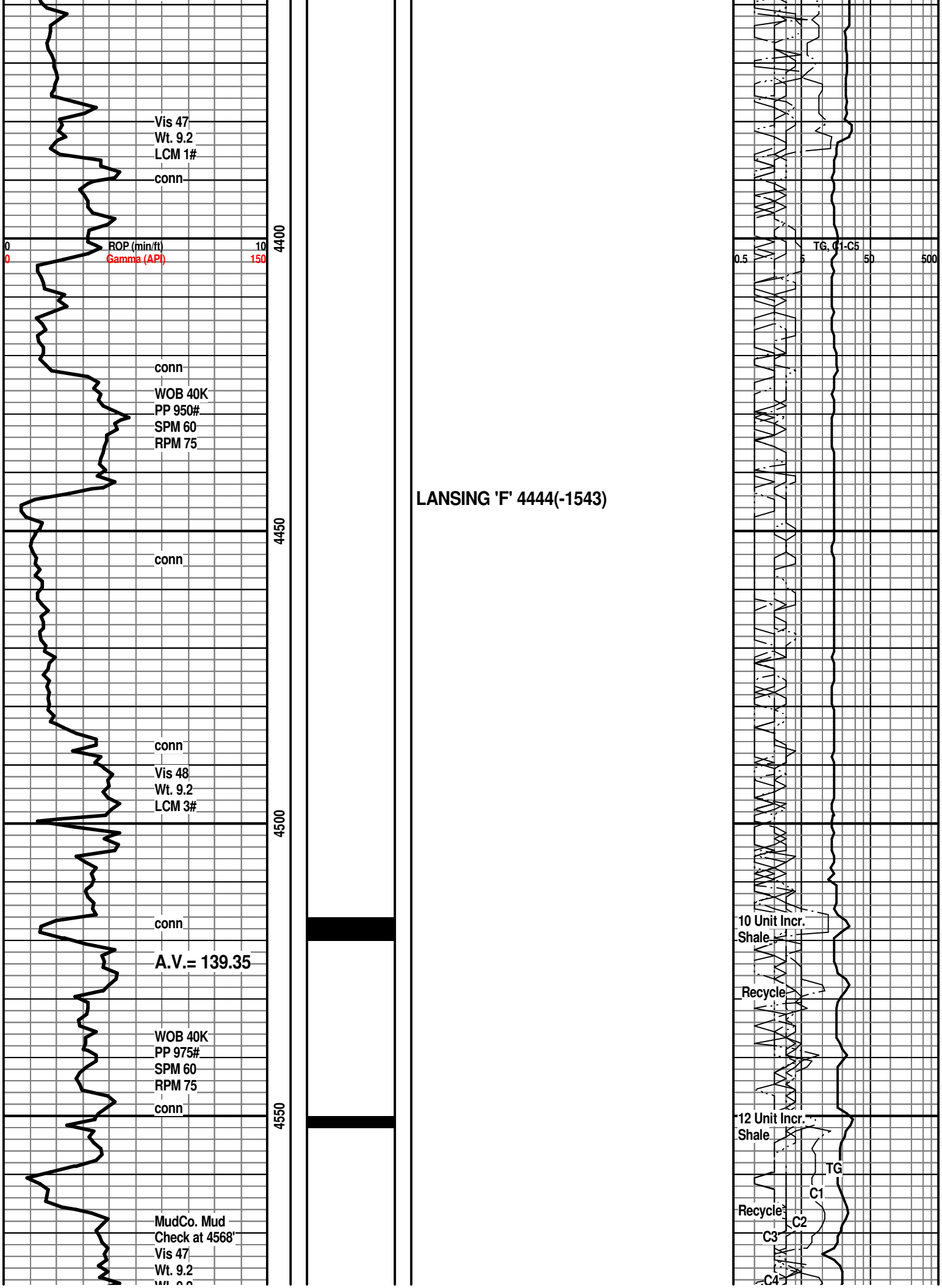
- Core
- Dst

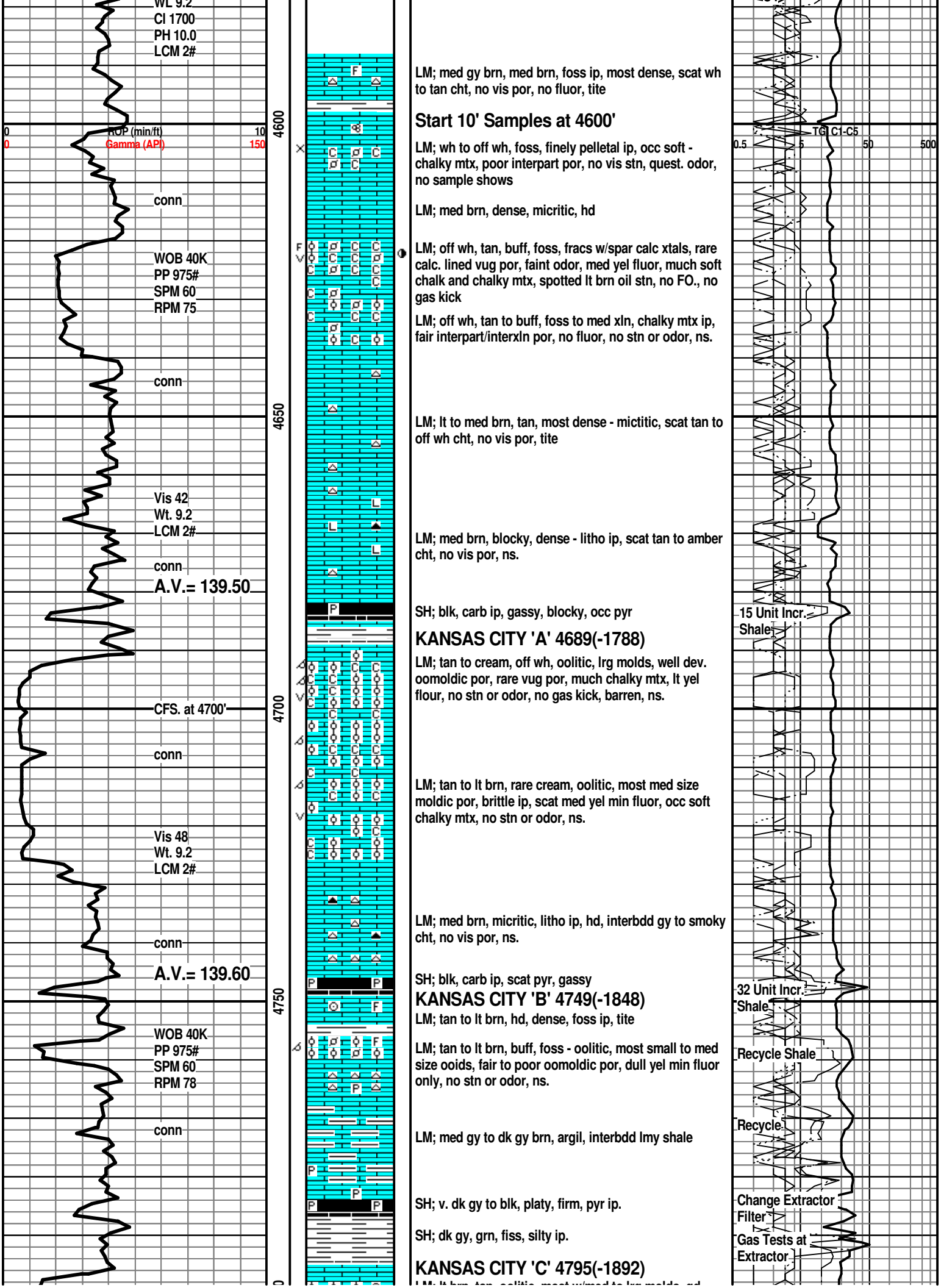
EVENT

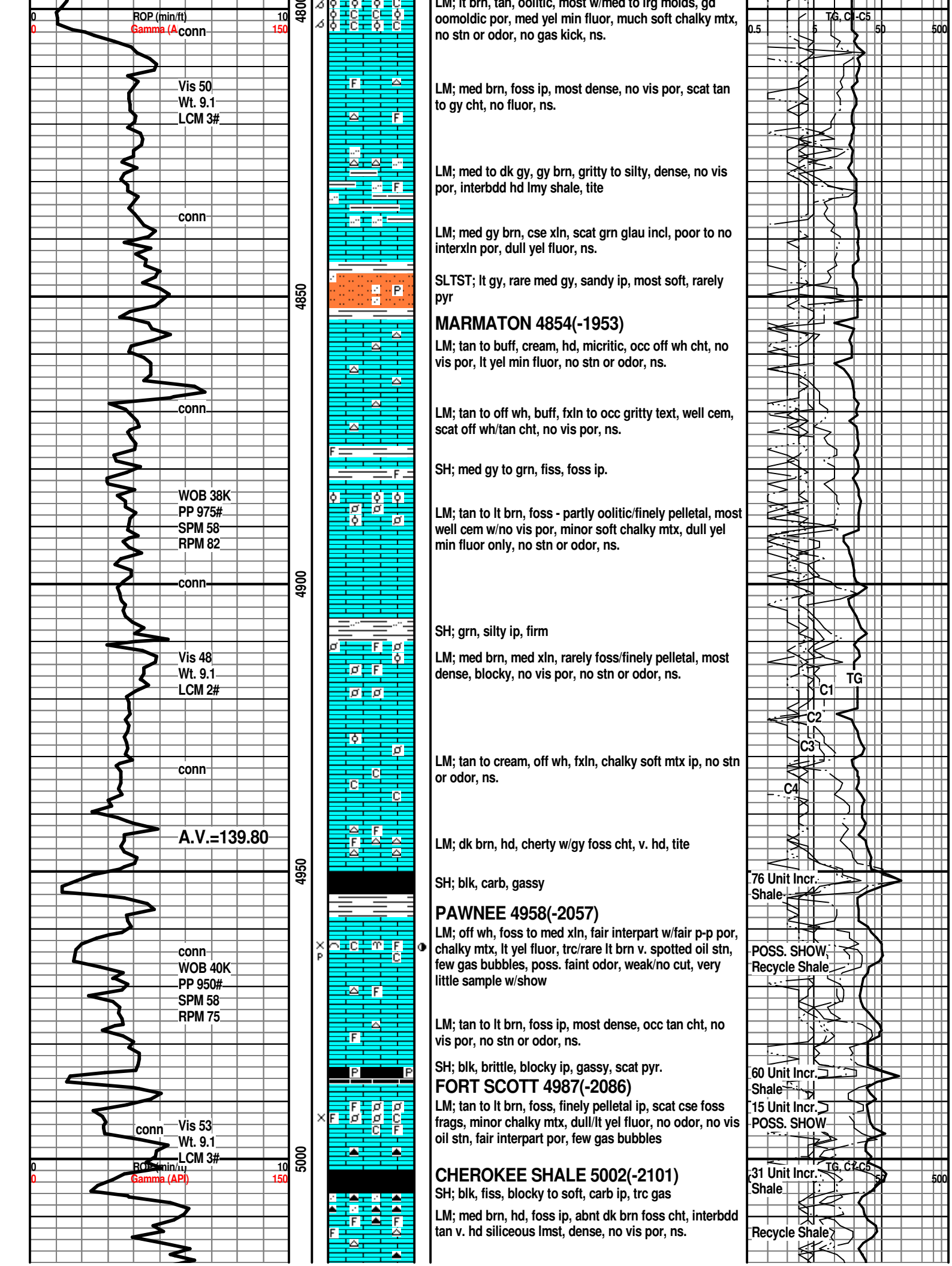
- Rft
- Sidewall

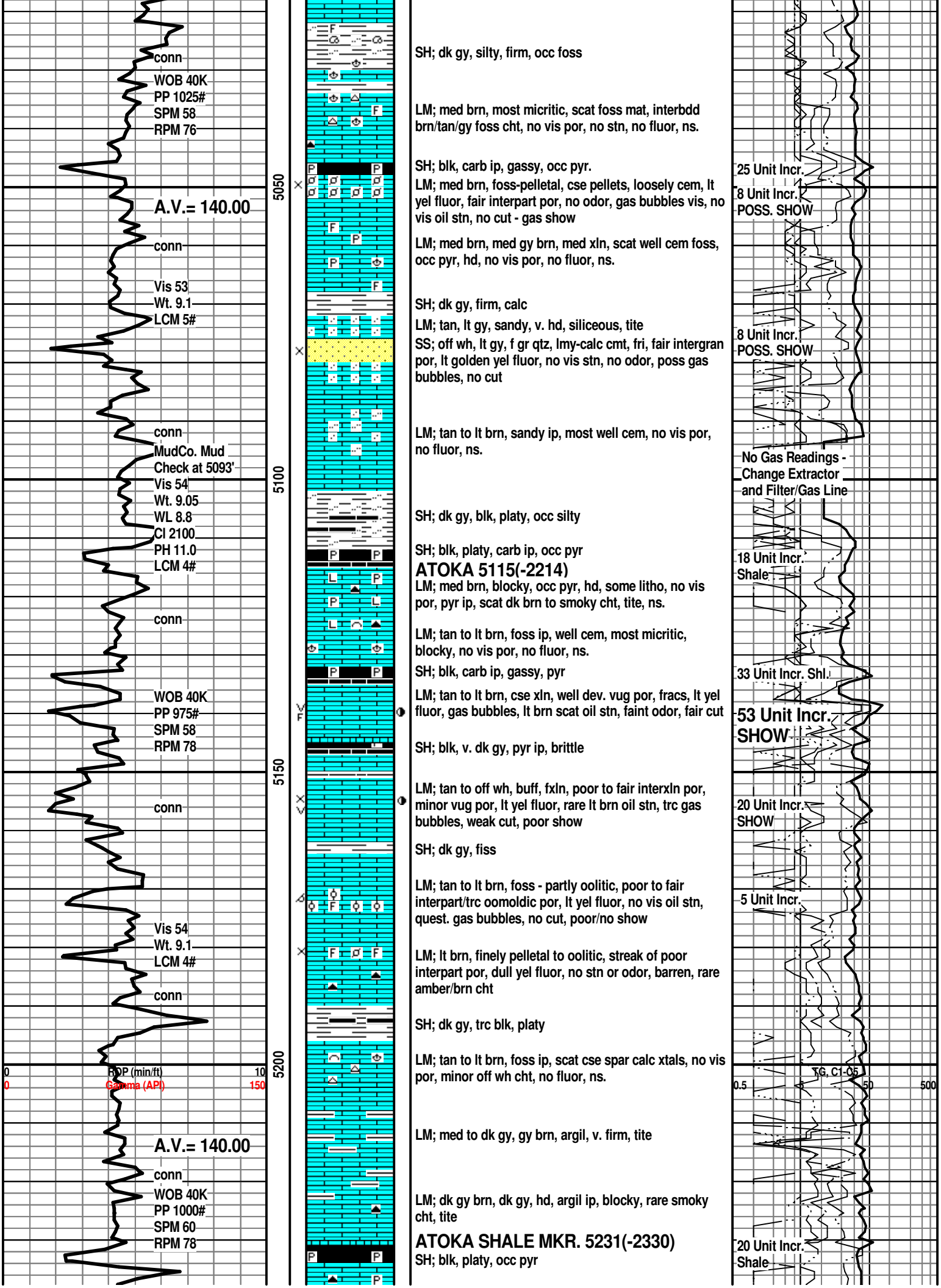

Curve Track 1
ROP (min/ft)
Gamma (API)
Depth
Porosity Type
Lithology
Oil Shows
Geological Descriptions
TG, C1-C5
TG (Units)
C1 (units)
C2 (units)
C3 (units)
C4 (units)
C5 (units)
0
ROP (min/ft)
10
0
Gamma (API)
150
3900
4000
4050
4100
TG, C1-C5
0.5
5
50
500
STRATA EXPLORATION, INC.
#5-10 STAPLETON
GEOLOGICAL REPORT
KB. 2901'
conn
Vis 48
Wt. 9.1
LCM 1#
conn
conn
WOB 40K
PP 950#
SPM 60
RPM 75
conn
A.V.= 139.15
conn
TG
C1
C2
C3
48 Unit Incr.
Shale
Recycle
Shale

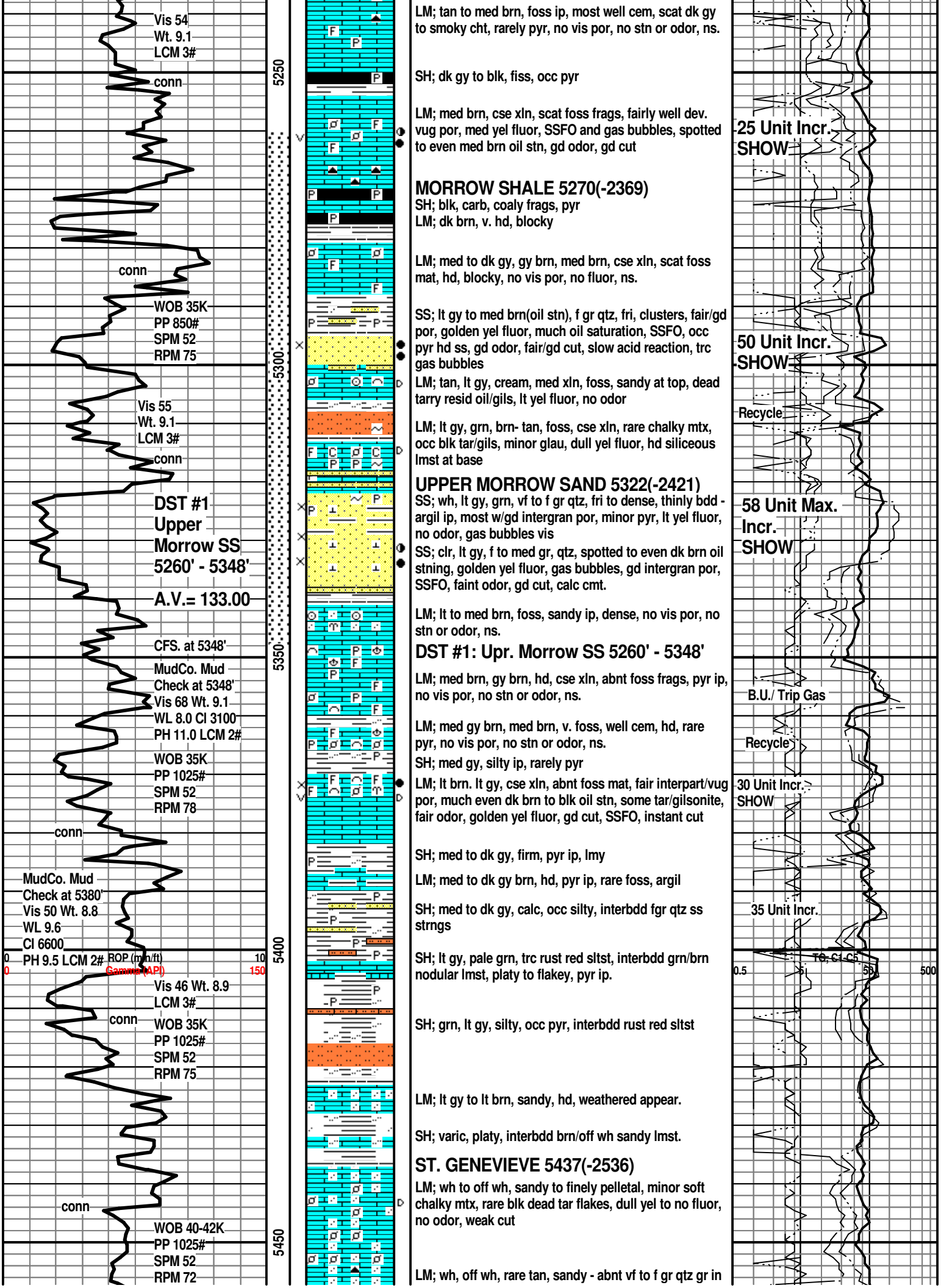

4150
4200
4250
4300
4350
conn
Vis 50
Wt. 9.2
LCM 2#
conn
0
ROP (min/ft)
10
0
Gamma (API)
150
conn
MudCo. Mud
Check at 4231'
Vis 49
Wt. 9.25
WL 11.6
Cl 3600
PH 8.5
LCM 2#
conn
conn
Vis 53
Wt. 9.2
LCM 2#
conn
WOB 40K
PP 975#
SPM 60
RPM 80
conn
HEEBNER SHALE 4163(-1262)
TORONTO 4182(-1281)
LANSING 'A' 4260(-1359)
LANSING 'B' 4316(-1415)
36 Unit Incr.
Shale
Recycle Shale
TG, C1-C5
0.5
5
50
500

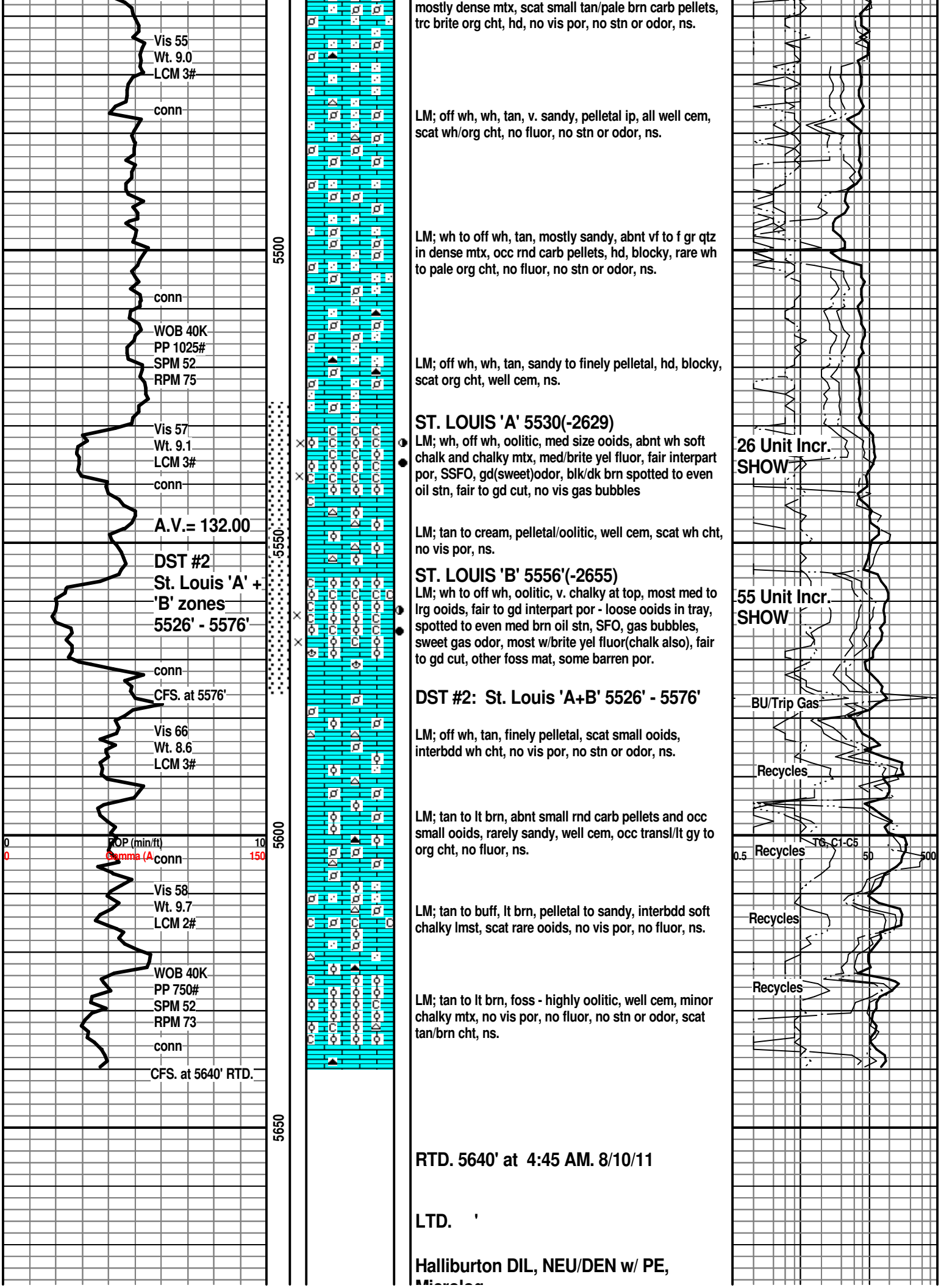

Vis 47
Wt. 9.2
LCM 1#
conn
0
ROP (min/ft)
10
0
Gamma (API)
150
4400
conn
WOB 40K
PP 950#
SPM 60
RPM 75
LANSING 'F' 4444(-1543)
4450
conn
conn
Vis 48
Wt. 9.2
LCM 3#
4500
conn
A.V.= 139.35
WOB 40K
PP 975#
SPM 60
RPM 75
conn
4550
MudCo. Mud
Check at 4568'
Vis 47
Wt. 9.2
TG, C1-C5
0.5
5
50
500
10 Unit Incr.
Shale
Recycle
12 Unit Incr.
Shale
TG
C1
Recycle
C2
C3
C4

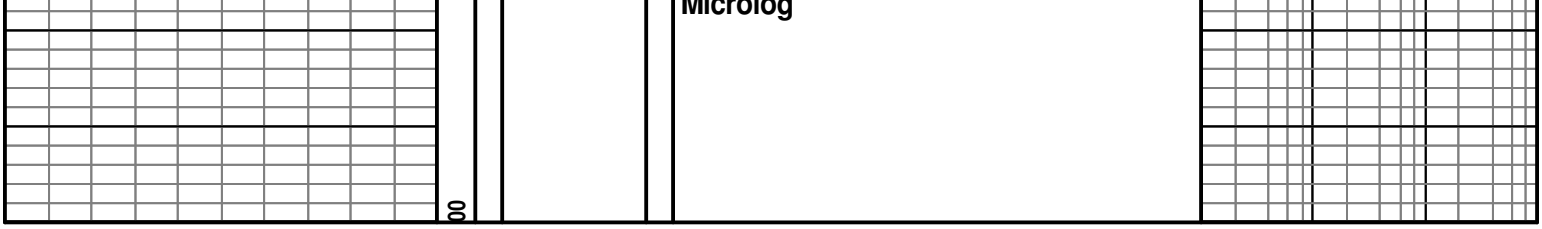

WL 9.2
Cl 1700
PH 10.0
LCM 2#
0
ROP (min/ft)
10
0
Gamma (API)
150
4600
conn
WOB 40K
PP 975#
SPM 60
RPM 75
conn
4650
Vis 42
Wt. 9.2
LCM 2#
conn
A.V.= 139.50
CFS. at 4700'
4700
conn
Vis 48
Wt. 9.2
LCM 2#
conn
A.V.= 139.60
4750
WOB 40K
PP 975#
SPM 60
RPM 78
conn
LM; med gy brn, med brn, foss ip, most dense, scat wh to tan cht, no vis por, no fluor, tite
Start 10' Samples at 4600'
LM; wh to off wh, foss, finely pelletal ip, occ soft - chalky mtx, poor interpart por, no vis stn, quest. odor, no sample shows
LM; med brn, dense, micritic, hd
LM; off wh, tan, buff, foss, fracs w/spar calc xtals, rare calc. lined vug por, faint odor, med yel fluor, much soft chalk and chalky mtx, spotted lt brn oil stn, no FO., no gas kick
LM; off wh, tan to buff, foss to med xln, chalky mtx ip, fair interpart/interxln por, no fluor, no stn or odor, ns.
LM; lt to med brn, tan, most dense - mictitic, scat tan to off wh cht, no vis por, tite
LM; med brn, blocky, dense - litho ip, scat tan to amber cht, no vis por, ns.
SH; blk, carb ip, gassy, blocky, occ pyr
KANSAS CITY 'A' 4689(-1788)
LM; tan to cream, off wh, oolitic, lrg molds, well dev. oomoldic por, rare vug por, much chalky mtx, lt yel flour, no stn or odor, no gas kick, barren, ns.
LM; tan to lt brn, rare cream, oolitic, most med size moldic por, brittle ip, scat med yel min fluor, occ soft chalky mtx, no stn or odor, ns.
LM; med brn, micritic, litho ip, hd, interbdd gy to smoky cht, no vis por, ns.
SH; blk, carb ip, scat pyr, gassy
KANSAS CITY 'B' 4749(-1848)
LM; tan to lt brn, hd, dense, foss ip, tite
LM; tan to lt brn, buff, foss - oolitic, most small to med size ooids, fair to poor oomoldic por, dull yel min fluor only, no stn or odor, ns.
LM; med gy to dk gy brn, argil, interbdd lmy shale
SH; v. dk gy to blk, platy, firm, pyr ip.
SH; dk gy, grn, fiss, silty ip.
KANSAS CITY 'C' 4795(-1892)
TG C1-C5
0.5
5
50
500
15 Unit Incr.
Shale
32 Unit Incr.
Shale
Recycle Shale
Recycle
Change Extractor
Filter
Gas Tests at
Extractor


0
ROP (min/ft)
10
0
Gamma (API)
150
conn
Vis 50
Wt. 9.1
LCM 3#
conn
conn
WOB 38K
PP 975#
SPM 58
RPM 82
conn
Vis 48
Wt. 9.1
LCM 2#
conn
A.V.=139.80
conn
WOB 40K
PP 950#
SPM 58
RPM 75
conn
Vis 53
Wt. 9.1
LCM 3#
4800
4850
4900
4950
5000
LM; lt brn, tan, oolitic, most w/med to lrg molds, gd oomoldic por, med yel min fluor, much soft chalky mtx, no stn or odor, no gas kick, ns.
LM; med brn, foss ip, most dense, no vis por, scat tan to gy cht, no fluor, ns.
LM; med to dk gy, gy brn, gritty to silty, dense, no vis por, interbdd hd lmy shale, tite
LM; med gy brn, cse xln, scat grn glau incl, poor to no interxln por, dull yel fluor, ns.
SLTST; lt gy, rare med gy, sandy ip, most soft, rarely pyr
MARMATON 4854(-1953)
LM; tan to buff, cream, hd, micritic, occ off wh cht, no vis por, lt yel min fluor, no stn or odor, ns.
LM; tan to off wh, buff, fxln to occ gritty text, well cem, scat off wh/tan cht, no vis por, ns.
SH; med gy to grn, fiss, foss ip.
LM; tan to lt brn, foss - partly oolitic/finely pelletal, most well cem w/no vis por, minor soft chalky mtx, dull yel min fluor only, no stn or odor, ns.
SH; grn, silty ip, firm
LM; med brn, med xln, rarely foss/finely pelletal, most dense, blocky, no vis por, no stn or odor, ns.
LM; tan to cream, off wh, fxln, chalky soft mtx ip, no stn or odor, ns.
LM; dk brn, hd, cherty w/gy foss cht, v. hd, tite
SH; blk, carb, gassy
PAWNEE 4958(-2057)
LM; off wh, foss to med xln, fair interpart w/fair p-p por, chalky mtx, lt yel fluor, trc/rare lt brn v. spotted oil stn, few gas bubbles, poss. faint odor, weak/no cut, very little sample w/show
LM; tan to lt brn, foss ip, most dense, occ tan cht, no vis por, no stn or odor, ns.
SH; blk, brittle, blocky ip, gassy, scat pyr.
FORT SCOTT 4987(-2086)
LM; tan to lt brn, foss, finely pelletal ip, scat cse foss frags, minor chalky mtx, dull/lt yel fluor, no odor, no vis oil stn, fair interpart por, few gas bubbles
CHEROKEE SHALE 5002(-2101)
SH; blk, fiss, blocky to soft, carb ip, trc gas
LM; med brn, hd, foss ip, abnt dk brn foss cht, interbdd tan v. hd siliceous lmst, dense, no vis por, ns.
TG, C1-C5
0.5
5
50
500
TG
C1
C2
C3
C4
76 Unit Incr. Shale
POSS. SHOW, Recycle Shale
60 Unit Incr. Shale
15 Unit Incr. POSS. SHOW
31 Unit Incr. Shale
Recycle Shale


conn
WOB 40K
PP 1025#
SPM 58
RPM 76
A.V.= 140.00
conn
Vis 53
Wt. 9.1
LCM 5#
conn
MudCo. Mud
Check at 5093'
Vis 54
Wt. 9.05
WL 8.8
Cl 2100
PH 11.0
LCM 4#
conn
WOB 40K
PP 975#
SPM 58
RPM 78
conn
Vis 54
Wt. 9.1
LCM 4#
conn
0
ROP (min/ft)
10
0
Gamma (API)
150
A.V.= 140.00
conn
WOB 40K
PP 1000#
SPM 60
RPM 78
5050
5100
5150
5200
SH; dk gy, silty, firm, occ foss
LM; med brn, most micritic, scat foss mat, interbdd brn/tan/gy foss cht, no vis por, no stn, no fluor, ns.
SH; blk, carb ip, gassy, occ pyr.
LM; med brn, foss-pelletal, cse pellets, loosely cem, lt yel fluor, fair interpart por, no odor, gas bubbles vis, no vis oil stn, no cut - gas show
LM; med brn, med gy brn, med xln, scat well cem foss, occ pyr, hd, no vis por, no fluor, ns.
SH; dk gy, firm, calc
LM; tan, lt gy, sandy, v. hd, siliceous, tite
SS; off wh, lt gy, f gr qtz, lmy-calc cmt, fri, fair intergran por, lt golden yel fluor, no vis stn, no odor, poss gas bubbles, no cut
LM; tan to lt brn, sandy ip, most well cem, no vis por, no fluor, ns.
SH; dk gy, blk, platy, occ silty
SH; blk, platy, carb ip, occ pyr
ATOKA 5115(-2214)
LM; med brn, blocky, occ pyr, hd, some litho, no vis por, pyr ip, scat dk brn to smoky cht, tite, ns.
LM; tan to lt brn, foss ip, well cem, most micritic, blocky, no vis por, no fluor, ns.
SH; blk, carb ip, gassy, pyr
LM; tan to lt brn, cse xln, well dev. vug por, fracs, lt yel fluor, gas bubbles, lt brn scat oil stn, faint odor, fair cut
SH; blk, v. dk gy, pyr ip, brittle
LM; tan to off wh, buff, fxln, poor to fair interxln por, minor vug por, lt yel fluor, rare lt brn oil stn, trc gas bubbles, weak cut, poor show
SH; dk gy, fiss
LM; tan to lt brn, foss - partly oolitic, poor to fair interpart/trc oomoldic por, lt yel fluor, no vis oil stn, quest. gas bubbles, no cut, poor/no show
LM; lt brn, finely pelletal to oolitic, streak of poor interpart por, dull yel fluor, no stn or odor, barren, rare amber/brn cht
SH; dk gy, trc blk, platy
LM; tan to lt brn, foss ip, scat cse spar calc xtals, no vis por, minor off wh cht, no fluor, ns.
LM; med to dk gy, gy brn, argil, v. firm, tite
LM; dk gy brn, dk gy, hd, argil ip, blocky, rare smoky cht, tite
ATOKA SHALE MKR. 5231(-2330)
SH; blk, platy, occ pyr
25 Unit Incr.
8 Unit Incr.
POSS. SHOW
8 Unit Incr.
POSS. SHOW
No Gas Readings -
Change Extractor
and Filter/Gas Line
18 Unit Incr.
Shale
33 Unit Incr. Shl.
53 Unit Incr.
SHOW
20 Unit Incr.
SHOW
5 Unit Incr.
TG, C1-C5
0.5
5
50
500
20 Unit Incr.
Shale


Vis 54
Wt. 9.1
LCM 3#
conn
conn
WOB 35K
PP 850#
SPM 52
RPM 75
Vis 55
Wt. 9.1
LCM 3#
conn
DST #1
Upper
Morrow SS
5260' - 5348'
A.V.= 133.00
CFS. at 5348'
MudCo. Mud
Check at 5348'
Vis 68 Wt. 9.1
WL 8.0 Cl 3100
PH 11.0 LCM 2#
WOB 35K
PP 1025#
SPM 52
RPM 78
conn
MudCo. Mud
Check at 5380'
Vis 50 Wt. 8.8
WL 9.6
Cl 6600
PH 9.5 LCM 2#
ROP (min/ft)
Gamma (API)
Vis 46 Wt. 8.9
LCM 3#
conn
WOB 35K
PP 1025#
SPM 52
RPM 75
conn
WOB 40-42K
PP 1025#
SPM 52
RPM 72
5250
5300
5350
5400
5450
LM; tan to med brn, foss ip, most well cem, scat dk gy to smoky cht, rarely pyr, no vis por, no stn or odor, ns.
SH; dk gy to blk, fiss, occ pyr
LM; med brn, cse xln, scat foss frags, fairly well dev. vug por, med yel fluor, SSFO and gas bubbles, spotted to even med brn oil stn, gd odor, gd cut
MORROW SHALE 5270(-2369)
SH; blk, carb, coaly frags, pyr
LM; dk brn, v. hd, blocky
LM; med to dk gy, gy brn, med brn, cse xln, scat foss mat, hd, blocky, no vis por, no fluor, ns.
SS; lt gy to med brn(oil stn), f gr qtz, fri, clusters, fair/gd por, golden yel fluor, much oil saturation, SSFO, occ pyr hd ss, gd odor, fair/gd cut, slow acid reaction, trc gas bubbles
LM; tan, lt gy, cream, med xln, foss, sandy at top, dead tarry resid oil/gils, lt yel fluor, no odor
LM; lt gy, grn, brn- tan, foss, cse xln, rare chalky mtx, occ blk tar/gils, minor glau, dull yel fluor, hd siliceous lmst at base
UPPER MORROW SAND 5322(-2421)
SS; wh, lt gy, grn, vf to f gr qtz, fri to dense, thinly bdd - argil ip, most w/gd intergran por, minor pyr, lt yel fluor, no odor, gas bubbles vis
SS; clr, lt gy, f to med gr, qtz, spotted to even dk brn oil stning, golden yel fluor, gas bubbles, gd intergran por, SSFO, faint odor, gd cut, calc cmt.
LM; lt to med brn, foss, sandy ip, dense, no vis por, no stn or odor, ns.
DST #1: Upr. Morrow SS 5260' - 5348'
LM; med brn, gy brn, hd, cse xln, abnt foss frags, pyr ip, no vis por, no stn or odor, ns.
LM; med gy brn, med brn, v. foss, well cem, hd, rare pyr, no vis por, no stn or odor, ns.
SH; med gy, silty ip, rarely pyr
LM; lt brn. lt gy, cse xln, abnt foss mat, fair interpart/vug por, much even dk brn to blk oil stn, some tar/gilsonite, fair odor, golden yel fluor, gd cut, SSFO, instant cut
SH; med to dk gy, firm, pyr ip, lmy
LM; med to dk gy brn, hd, pyr ip, rare foss, argil
SH; med to dk gy, calc, occ silty, interbdd fgr qtz ss strngs
SH; lt gy, pale grn, trc rust red sltst, interbdd grn/brn nodular lmst, platy to flakey, pyr ip.
SH; grn, lt gy, silty, occ pyr, interbdd rust red sltst
LM; lt gy to lt brn, sandy, hd, weathered appear.
SH; varic, platy, interbdd brn/off wh sandy lmst.
ST. GENEVIEVE 5437(-2536)
LM; wh to off wh, sandy to finely pelletal, minor soft chalky mtx, rare blk dead tar flakes, dull yel to no fluor, no odor, weak cut
LM; wh, off wh, rare tan, sandy - abnt vf to f gr qtz gr in
25 Unit Incr.
SHOW
50 Unit Incr.
SHOW
Recycle
58 Unit Max.
Incr.
SHOW
B.U./ Trip Gas
Recycle
30 Unit Incr.
SHOW
35 Unit Incr.
TG; C1-C5
0.5
5
50
500


Vis 55
Wt. 9.0
LCM 3#
conn
conn
WOB 40K
PP 1025#
SPM 52
RPM 75
Vis 57
Wt. 9.1
LCM 3#
conn
A.V.= 132.00
DST #2
St. Louis 'A' +
'B' zones
5526' - 5576'
conn
CFS. at 5576'
Vis 66
Wt. 8.6
LCM 3#
0
ROP (min/ft)
10
0
Gamma (A
150
conn
Vis 58
Wt. 9.7
LCM 2#
WOB 40K
PP 750#
SPM 52
RPM 73
conn
CFS. at 5640' RTD.
5500
5550
5600
5650
mostly dense mtx, scat small tan/pale brn carb pellets, trc brite org cht, hd, no vis por, no stn or odor, ns.
LM; off wh, wh, tan, v. sandy, pelletal ip, all well cem, scat wh/org cht, no fluor, no stn or odor, ns.
LM; wh to off wh, tan, mostly sandy, abnt vf to f gr qtz in dense mtx, occ rnd carb pellets, hd, blocky, rare wh to pale org cht, no fluor, no stn or odor, ns.
LM; off wh, wh, tan, sandy to finely pelletal, hd, blocky, scat org cht, well cem, ns.
ST. LOUIS 'A' 5530(-2629)
LM; wh, off wh, oolitic, med size ooids, abnt wh soft chalk and chalky mtx, med/brite yel fluor, fair interpart por, SSFO, gd(sweet)odor, blk/dk brn spotted to even oil stn, fair to gd cut, no vis gas bubbles
LM; tan to cream, pelletal/oolitic, well cem, scat wh cht, no vis por, ns.
ST. LOUIS 'B' 5556'(-2655)
LM; wh to off wh, oolitic, v. chalky at top, most med to lrg ooids, fair to gd interpart por - loose ooids in tray, spotted to even med brn oil stn, SFO, gas bubbles, sweet gas odor, most w/brite yel fluor(chalk also), fair to gd cut, other foss mat, some barren por.
DST #2: St. Louis 'A+B' 5526' - 5576'
LM; off wh, tan, finely pelletal, scat small ooids, interbdd wh cht, no vis por, no stn or odor, ns.
LM; tan to lt brn, abnt small rnd carb pellets and occ small ooids, rarely sandy, well cem, occ transl/lt gy to org cht, no fluor, ns.
LM; tan to buff, lt brn, pelletal to sandy, interbdd soft chalky lmst, scat rare ooids, no vis por, no fluor, ns.
LM; tan to lt brn, foss - highly oolitic, well cem, minor chalky mtx, no vis por, no fluor, no stn or odor, scat tan/brn cht, ns.
RTD. 5640' at 4:45 AM. 8/10/11
LTD. '
Halliburton DIL, NEU/DEN w/ PE,
26 Unit Incr.
SHOW
55 Unit Incr.
SHOW
BU/Trip Gas
Recycles
TG, C1-C5
0.5
Recycles
50
500
Recycles
Recycles


00
Microlog

BASIC ENERGY SERVICES

PAID 8-30-11 FNB SP#7435

PAGE	CUST NO	INVOICE DATE
1 of 1	1004072	08/01/2011

INVOICE NUMBER
1717 - 90660941

Liberal (620) 624-2277

BILL TO
STRATA EXPLORATION
PO Box: 401
FAIRFIELD
IL US 62837
ATTN:

JOB SITE
LEASE NAME: Stapleton #5-10
LOCATION:
COUNTY: Haskell
STATE: KS
JOB DESCRIPTION: Cement-New Well Casing/Pi
JOB CONTACT:

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40350685	30463		Net - 30 days	08/31/2011

For Service Dates: 07/31/2011 to 07/31/2011

0040350685

LEASE 8/15 STAPLETON 5-10 | LEV 5 | P/P
DES CEMENT SURF. CASING | A/P
DRL X | COM | LOE | G/L 71730/18,245 29 | D/D

171702459A Cement-New Well Casing/Pi 07/31/2011
8 5/8" Surface

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
A-Con Blend	455.00	EA	13.95	6,347.25 T
Premium Plus Cement	150.00	EA	12.23	1,833.75 T
Calcium Chloride	1,566.00	EA	0.79	1,233.23 T
Celloflake	152.00	EA	2.78	421.80 T
C-51	86.00	EA	18.75	1,612.50 T
Guide Shoe - Regular - 8 5/8"	1.00	EA	285.00	285.00
Auto Fill Float Collar - 8 5/8"	1.00	EA	956.25	956.25
Centralizer - 8 5/8"	4.00	EA	108.75	435.00
Basket - 8 5/8"	1.00	EA	236.25	236.25
Top Rubber Cement Plug - 8 5/8"	1.00	EA	168.75	168.75
Heavy Equipment Mileage	105.00	MI	5.25	551.25
Blending & Mixing Service Charge	605.00	MI	1.05	635.25
Proppant and Bulk Delivery Charge	996.00	MI	1.20	1,195.20
Depth Charge; 1001' - 2000'	1.00	EA	1,125.00	1,125.00
Plug Container Utilization Charge	1.00	EA	187.50	187.50
Pickup Mileage	35.00	MI	3.19	111.56
Service Supervisor	1.00	HR	131.25	131.25

PLEASE REMIT TO:
BASIC ENERGY SERVICES,LP
PO BOX 841903
DALLAS,TX 75284-1903

SEND OTHER CORRESPONDENCE TO:
BASIC ENERGY SERVICES,LP
PO BOX 10460
MIDLAND,TX 79702

SUB TOTAL	17,466.79
TAX	778.50
INVOICE TOTAL	18,245.29

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
P.O. Box 129
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET

1717 02459 A

DATE TICKET NO.

DATE OF JOB 7/31/11 DISTRICT 1717	NEW WELL ☑ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER Strata Exploration	LEASE Stapleton 5-10 WELL NO.
ADDRESS	COUNTY Haskell STATE KS
CITY STATE	SERVICE CREW Royce, Santiago, Victor
AUTHORIZED BY Tyce	JOB TYPE: Surface 7 4/2

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
198850	6.5				
304631984354	6.5				
198271956654	6.5				
198281427845	6.5				

	DATE		TIME
TRUCK CALLED	7/31	AM PM	2:30
ARRIVED AT JOB		AM PM	7:25
START OPERATION		AM PM	11:30
FINISH OPERATION		AM PM	1:21
RELEASED		AM PM	2:00
MILES FROM STATION TO WELL			35

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: X
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CL101	A-Con Blend	SK	455		8463 00
CL110	Premium Plus	SK	150		2445 00
CC109	Calcium Chloride	lb	1566		1644 30
CC107	Cellaflake	lb	157		562 40
CC130	C-51	lb	86		2150 00
CF253	Guide Shoe Reg 8 5/8	EA	1		380 00
CF1363	Auto Fill Float Collar 8 5/8	EA	1		1275 00
CF1773	Centralizer 8 5/8	EA	4		580 00
CF1903	Basket 8 5/8	EA	1		315 00
CF105	Top Rubber Plug 8 5/8	EA	1		225 00
E101	Heavy Equip Mileage	Mi	105		735 00
CE240	Blending & Mixing Charge	SK	605		847 00
E113	Bulk Delivery Charge	Tm	996		1593 60
CE202	Depth Charge 1001' to 2000'	4hr	1		1500 00
CE504	Plug Container	Job	1		250 00
E100	Pickup Mileage	Mi	1		148 75
5003	Service Supervisor	EA	1		175 00

CHEMICAL / ACID DATA:			

SUB TOTAL		17466 79
SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
TOTAL		

SERVICE REPRESENTATIVE Chad Hinz

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: X
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

BASIC ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer	Strata Exploration	Lease No.		Date	7/31/11
Lease	Stapleton	Well #	5-10	Service Receipt	
Casing	4 5/8	Depth 1809	County Haskell	State	KS
Job Type	Surface	Formation		Legal Description	10-30-32

Pipe Data				Perforating Data		Cement Data
Casing size	8 5/8	Tubing Size		Shots/Ft		Lead 455sx A-Con 3%CaCl, 1/4#Pol, .2%WCA-1 2.95 18.10
Depth	1809.14	Depth		From	To	
Volume	117.38	Volume		From	To	
Max Press	1500	Max Press		From	To	Tail in 150sx Prem Plus 2%CaCl, 1/4#Pol 1.34 6.33
Well Connection	P.C.	Annulus Vol.		From	To	
Plug Depth		Packer Depth		From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate	Service Log
07:25					on Loc, spot trucks, Rigup, Safety mtg
10:55					Break Circ
11:30	2000#				Psi test
11:32	200#		0	5	St mix A-Con @ 11.4#
12:26	200#		239	4	on Tail @ 14.8#
12:45	0		36	-	Finish Mixing
12:48					Drop Plug
12:[illegible]	0		0	5	Start Disp, Washup on Plug
13:16	600		102	2	Slow Rate
13:21	600-1200		112		Plug down
					Release Psi, Float held
					Job Complete
					Thank You
					Chad & Crew

Service Units	19488	30463 19843	19827 19566	19828 14284		
Driver Names	C Hinz	R. Olds	V. Vasquez	S. Chavez		

Customer Representative

Station Manager: Jerry Bennett

Cementer: Chad Hinz

Taylor Printing, Inc.

DALLAS, TX 75284-1903
[illegible] 10460
[illegible]DLAND, TX 79702
17,466.79
TAX 778.50
INVOICE TOTAL 18,245.29

BASIC ENERGY SERVICES

PAID 8-30-11 FNB SP #7485

PAGE	CUST NO	INVOICE DATE
1 of 1	1004072	08/12/2011

INVOICE NUMBER

1717 - 90670427

Liberal (620) 624-2277

BILL TO
STRATA EXPLORATION
PO Box: 401
FAIRFIELD
IL US 62837
ATTN:

JOB SITE
LEASE NAME: Stapleton #5-10
LOCATION:
COUNTY: Haskell
STATE: KS
JOB DESCRIPTION: Cement-New Well Casing/Pi
JOB CONTACT:

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40355711	19919		Net - 30 days	09/11/2011

For Service Dates: 08/11/2011 to 08/11/2011

0040355711

LEASE STAPLETON #5-10 LEV 5 P/P 8/18
DES CEMENT 5½" LONGSTRING A/P 8/24
DRL CO X JOB G/L 73551/16,051.38 D/D

171701981A Cement-New Well Casing/Pi 08/11/2011
5 1/2" Longstring

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
50/50 POZ	310.00	EA	7.80	2,417.56 T
Gypsum	522.00	EA	0.53	277.56 T
KCL, Potassium Chloride	749.00	EA	1.06	796.52 T
Gilsonite	1,860.00	EA	0.48	883.51 T
C-15	131.00	EA	8.86	1,160.92 T
C-42P	66.00	EA	5.67	374.33 T
Auto Fill Float Shoe - 5 1/2"	1.00	EA	255.23	255.23
Latch Down Plug & Baffle - 5 1/2"	1.00	EA	283.58	283.58
Centralizer - 5 1/2"	5.00	EA	46.08	230.41
Centralizer (Turbo) - 5 1/2"	16.00	EA	53.17	850.75
Cement Port Collar - 5 1/2"	1.00	EA	3,403.02	3,403.02
Basket - 5 1/2"	2.00	EA	205.60	411.20
Threadlock Compound Kit	1.00	EA	24.10	24.10
Mud Flush	500.00	EA	0.61	304.85 T
CC-1	10.00	EA	31.19	311.94 T
Heavy Equipment Mileage	70.00	MI	4.96	347.39
Blending & Mixing Service Charge	310.00	MI	0.99	307.69
Proppant and Bulk Delivery Charge	457.00	MI	1.13	518.39
Depth Charge; 5001' - 6000'	1.00	EA	2,041.81	2,041.81
Plug Container Utilization Charge	1.00	EA	177.24	177.24
Pickup Mileage	35.00	MI	3.01	105.46
Service Supervisor	1.00	HR	124.07	124.07

PLEASE REMIT TO:
BASIC ENERGY SERVICES,LP
PO BOX 841903
DALLAS,TX 75284-1903

SEND OTHER CORRESPONDENCE TO:
BASIC ENERGY SERVICES,LP
PO BOX 10460
MIDLAND,TX 79702

SUB TOTAL	15,607.53
TAX	443.85
INVOICE TOTAL	16,051.38

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
P.O. Box 129
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET

1717 01981 A

DATE TICKET NO.

DATE OF JOB 8-11-11 DISTRICT 177	NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER Strata Exploration	LEASE Stapleton #5-10 WELL NO.
ADDRESS	COUNTY Haskell STATE KS
CITY STATE	SERVICE CREW R. Martinez, K. Sroky
AUTHORIZED BY J. Bennett	JOB TYPE: 7-42- 5½" Production

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
31726	6				
35111	2				
19919 -	4				
19527 -	2				
19566	4				

	DATE	AM PM	TIME
TRUCK CALLED	8-11-11	AM PM	3:00
ARRIVED AT JOB		AM PM	5:00
START OPERATION		AM PM	10:30
FINISH OPERATION		AM PM	11:30
RELEASED		AM PM	12:00
MILES FROM STATION TO WELL			35 mi

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP101	50/50 Poz	sk	310		3410 00
CP113	Gypsum	lb	522		391 50
CP900	KCL	lb	749		1123 50
CP201	Gilsonite	lb	1760		1246 20
CP103	C-15	lb	131		1637 50
CP107	C-42P	lb	66		528 00
CE251	5½" Auto Fill Float Shoe	ea	1		360 00
CE607	Cable down disc + baffle		1		400 00
CE771	Centralizers		5		325 00
CE777	Turbolizers		16		1200 00
CE171	Port Collar		1		4800 00
CE1401	Basket		2		580 00
CE3000	Thread Lock		1		34 00
CP151	Mud flush	gal	500		430 00
CE706	CC-1	gal	10		440 00

CHEMICAL / ACID DATA:			

SUB TOTAL		[illegible]
SERVICE & EQUIPMENT	%TAX ON $	15607 53
MATERIALS	%TAX ON $	
TOTAL		

SERVICE REPRESENTATIVE Neil Rivera	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

FIELD SERVICE TICKET CONT.

BASIC SM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
P.O. Box 129
Liberal, Kansas 67905
Phone 620-624-2277

TICKET NO. 01980

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
E101	Heavy Equipment Mileage	mi	70		490 00
CE240	Blending + Mixing Service	sk	310		434 00
E113	Proppant + Bulk Delivery	ton/mi	457		731 20
CE206	Pump Depth: 5001-6000'	ea	1		2880 00
CE504	Plug Container	ea	1		250 00
E100	Unit Mileage	mi	35		148 75
S003	Service Supervisor	ea	1		175 00

BASIC℠
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer: Strata Exploration	Lease No.	Date: 8-11-11
Lease: Stapleton	Well #: 5-10	Service Receipt: 01980
Casing: 5½" 15.5 — Depth: 5635.91'	County: Haskell	State: KS
Job Type: 242: 5½" Production — Formation		Legal Description: 10-30-32

Pipe Data

Casing size	5½" 15.5#	Tubing Size	
Depth	5635.91'	Depth	
Volume	Disp - 134 bbl	Volume	
Max Press	2000#	Max Press	
Well Connection	TD -	Annulus Vol.	
Plug Depth	SJ - 12' (5623.91)	Packer Depth	

Perforating Data

Shots/Ft

From	To

Cement Data

Lead 260 sk 50/50 Poz

Tail in

Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate	Service Log
5:00					on loc. - site assesment (start csg + fe)
5:15					spot trucks - rig up
10:00					safety meeting (csg + fe on btm)
10:30					pressure test 2000#
10:30	400		22	4	pump 12 bbl of mudflush w/ 5 bbl
					before + after
10:45	500		64.8	5	mix + pump 260 sk 50/50 Poz w/
					5% W-60, 5% KCL, 6# Gilsonite, .5% C-15
					¼# Defoamer - 1.40 ft³/sk, 5.79 gal/sk @ 13.8#
11:00					wash pumping lines
11:05	0		0	6.5	drop latch down plug, disp csg
11:25	900		120	2	slow rate last 10 bbl of disp
11:30	1500		133.5	0	land plug, float held
					Calculated toc ± 3850'
					plug rat + mouse w/ 50 sk
					job complete

Service Units	34726	38111-19919	19827-19566			
Driver Names	A. Olvera	R. Martinez	K. Siroky			

G. Payne — Customer Representative

J. Bennett — Station Manager

A. Olvera — Cementer

Taylor Printing, Inc.

, TX 75284-1903 MIDLAND, TX 79702 INVOICE TOTAL 16,051.38

DRILL STEM TEST REPORT

Strata Exploration Inc

PO Box 401
Fairfield IL62837

ATTN: Jon Christensen

Stapleton #5-10

10/30s/32w

Job Ticket: 42256 **DST#: 1**

Test Start: 2011.08.07 @ 21:15:05

GENERAL INFORMATION:

Formation: **Upper Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:56:05
Time Test Ended: 06:36:35

Test Type: Conventional Bottom Hole
Tester: Mike Slemp
Unit No: 53

Interval: 5260.00 ft (KB) To 5348.00 ft (KB) (TVD)
Total Depth: 5348.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good

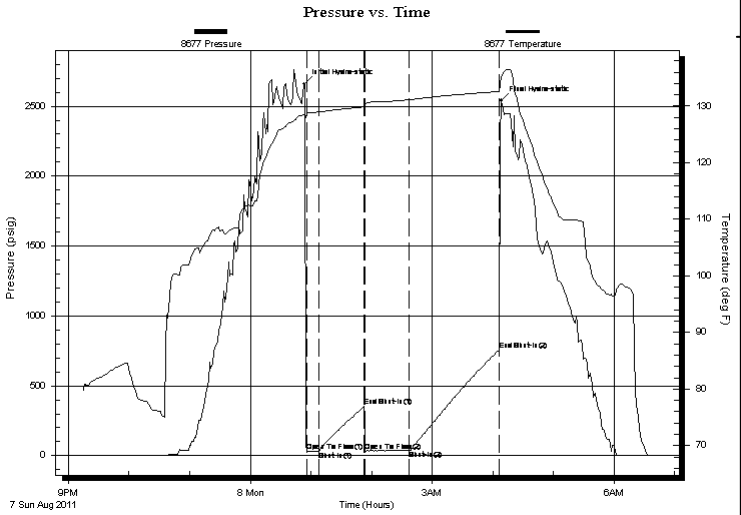
Reference Elevations: 2901.00 ft (KB)
2888.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8677 **Inside**

Press@RunDepth: 37.45 psig @ 5262.00 ft (KB)
Start Date: 2011.08.07 End Date: 2011.08.08
Start Time: 21:15:06 End Time: 06:36:35

Capacity: 8000.00 psig
Last Calib.: 2011.08.08
Time On Btm: 2011.08.08 @ 00:53:35
Time Off Btm: 2011.08.08 @ 04:08:35

TEST COMMENT: IF- BOB in 4 min
ISI- No blow back
FF- BOB ASAO
FSI- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2658.14	128.48	Initial Hydro-static
3	29.41	128.60	Open To Flow (1)
14	30.91	128.97	Shut-In(1)
59	352.78	129.87	End Shut-In(1)
60	33.47	130.09	Open To Flow (2)
104	37.45	131.12	Shut-In(2)
193	757.04	132.58	End Shut-In(2)
195	2540.08	135.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	100%mud	0.49

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

PO Box 401
Fairfield IL62837

ATTN: Jon Christensen

Stapleton #5-10

10/30s/32w

Job Ticket: 42256 **DST#: 1**

Test Start: 2011.08.07 @ 21:15:05

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	68.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3100.00 ppm				
Filter Cake:	inches				

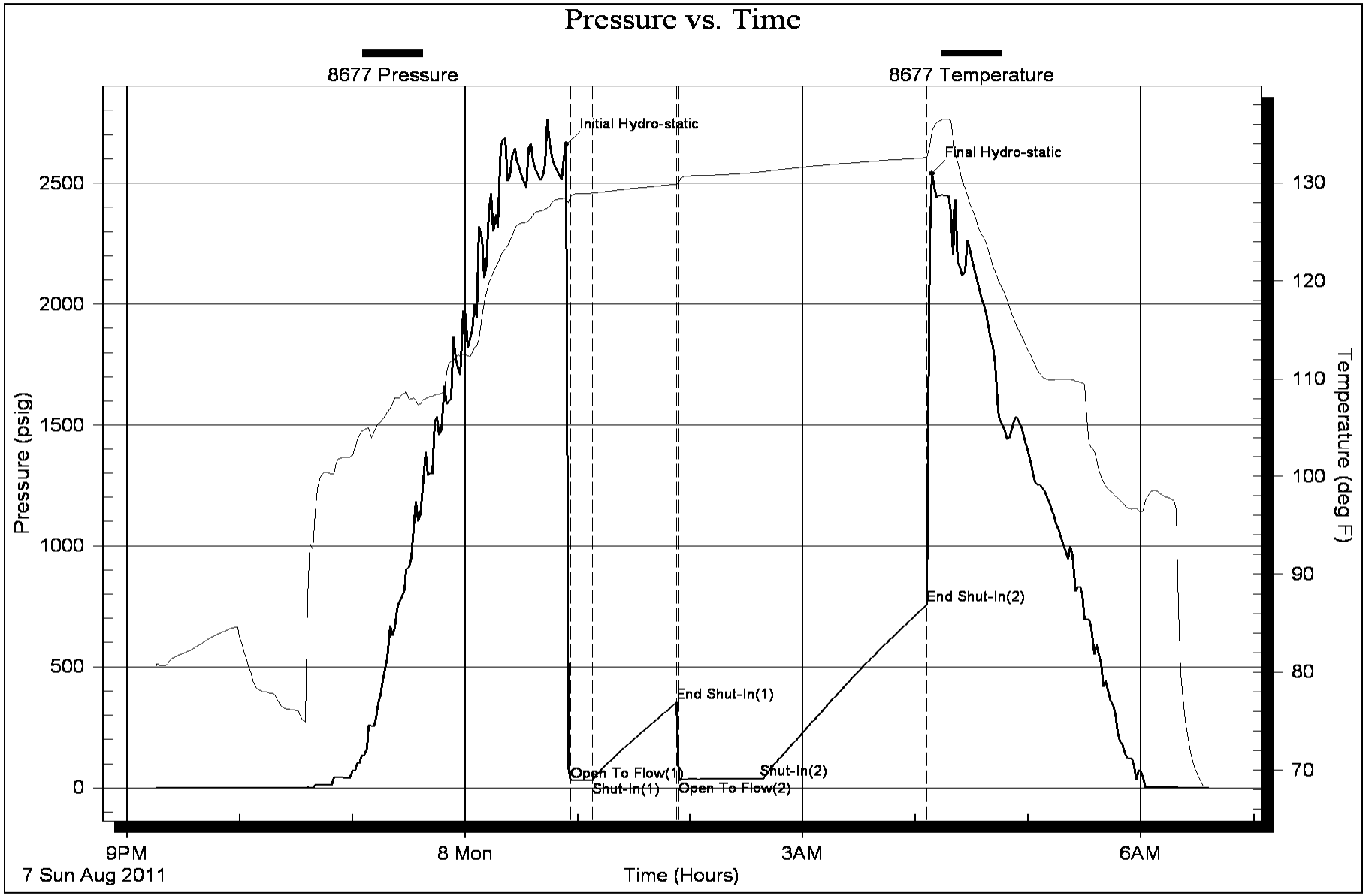
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	100%mud	0.492

Total Length: 100.00 ft Total Volume: 0.492 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8677 Pressure
8677 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(2)
End Shut-In(1)
Open To Flow(1)
Shut-In(1)
Shut-In(2)
Open To Flow(2)
Pressure (psig)
Temperature (deg F)
2500
2000
1500
1000
500
0
130
120
110
100
90
80
70
9PM
7 Sun Aug 2011
8 Mon
3AM
6AM
Time (Hours)

DRILL STEM TEST REPORT

Strata Exploration Inc

PO Box 401
Fairfield IL62837

ATTN: Jon Christensen

Stapleton #5-10

10/30s/32w

Job Ticket: 42257 **DST#: 2**

Test Start: 2011.08.09 @ 09:40:59

GENERAL INFORMATION:

Formation: **ST.Louis**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:26:59
Time Test Ended: 18:36:44

Test Type: Conventional Bottom Hole
Tester: Mike Slemp
Unit No: 53

Interval: 5526.00 ft (KB) To 5576.00 ft (KB) (TVD)
Total Depth: 5576.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good

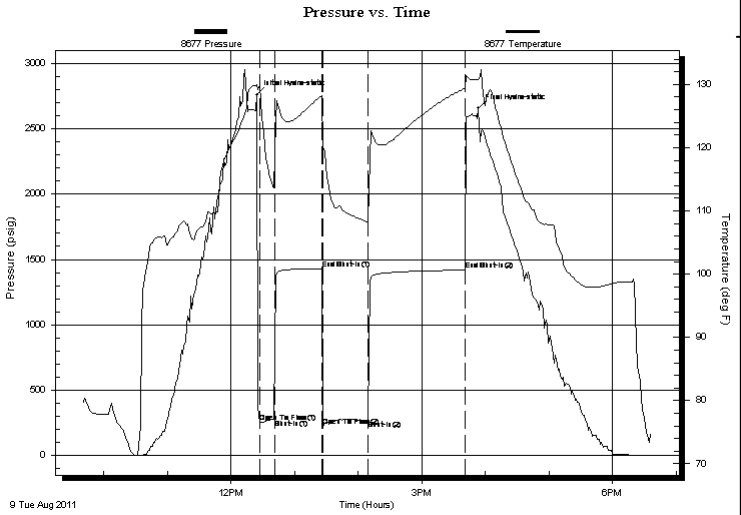
Reference Elevations: 2901.00 ft (KB)
2888.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8677 **Inside**

Press@RunDepth: 267.95 psig @ 5528.00 ft (KB)
Start Date: 2011.08.09 End Date: 2011.08.09
Start Time: 09:41:00 End Time: 18:36:44

Capacity: 8000.00 psig
Last Calib.: 2011.08.09
Time On Btm: 2011.08.09 @ 12:24:29
Time Off Btm: 2011.08.09 @ 15:53:14

TEST COMMENT: IF- BOB in 1 min GTS in 4 min
ISI- No blow back
FF- BOB ASAO GTS in 2 min
FSI- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2758.90	129.89	Initial Hydro-static
3	255.12	129.98	Open To Flow (1)
17	280.75	113.64	Shut-In(1)
62	1430.85	128.18	End Shut-In(1)
63	226.98	120.09	Open To Flow (2)
105	267.95	108.16	Shut-In(2)
197	1419.11	129.38	End Shut-In(2)
209	2654.73	130.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
270.00	OCGM 40%gas20%oil40%mud	1.33

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	25.00	1132.70
Last Gas Rate	1.00	34.00	1391.44
Max. Gas Rate	1.00	34.00	1391.44

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

PO Box 401
Fairfield IL62837

ATTN: Jon Christensen

Stapleton #5-10

10/30s/32w

Job Ticket: 42257 **DST#: 2**

Test Start: 2011.08.09 @ 09:40:59

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	8.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.57 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6600.00 ppm				
Filter Cake:	inches				

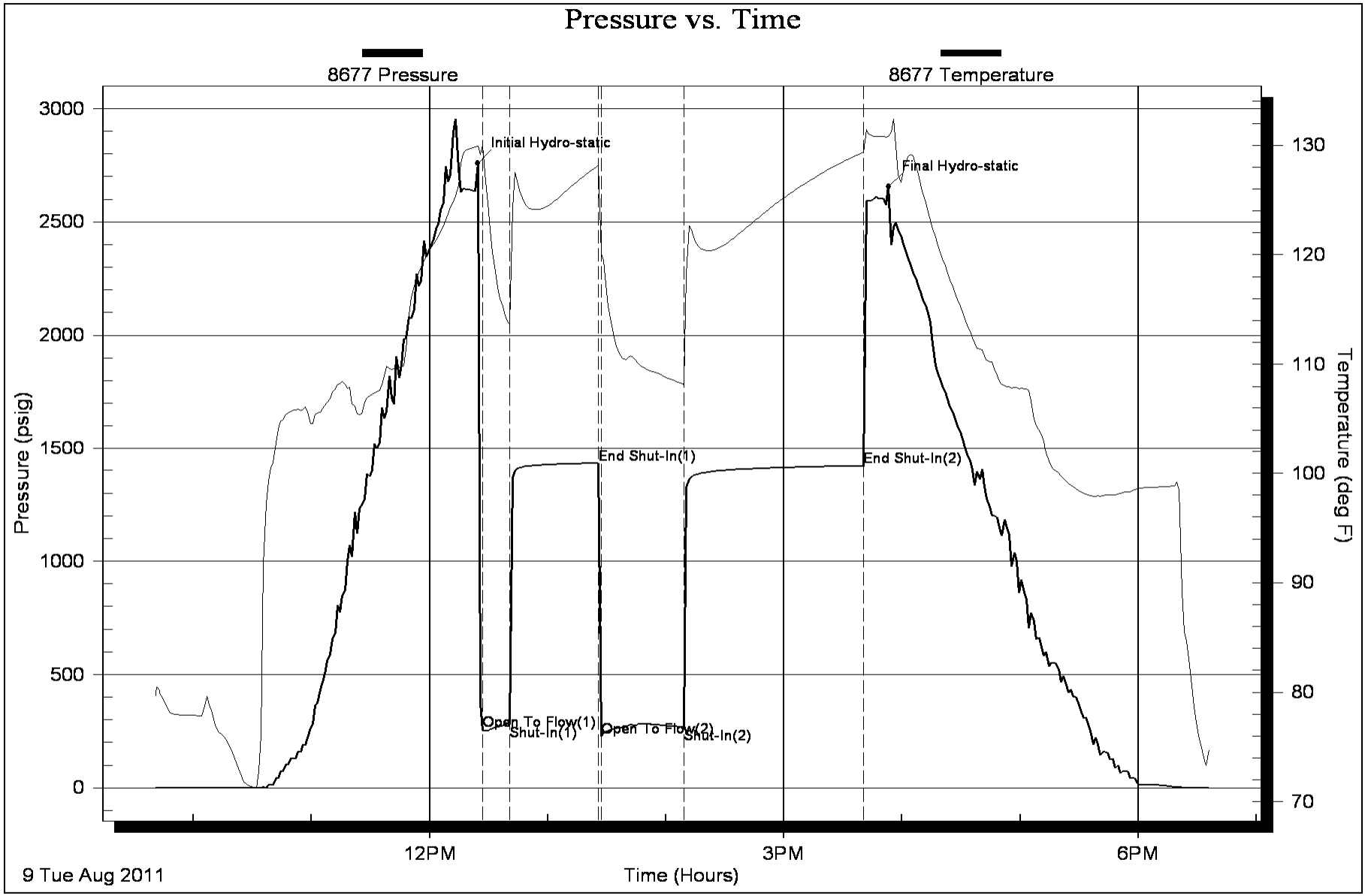
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
270.00	OCGM 40%gas20%oil40%mud	1.328

Total Length: 270.00 ft Total Volume: 1.328 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8677 Pressure
8677 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure (psig)
Temperature (deg F)
3000
2500
2000
1500
1000
500
0
130
120
110
100
90
80
70
12PM
3PM
6PM
9 Tue Aug 2011
Time (Hours)

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

November 28, 2011

John R Kinney
Strata Exploration, Inc.
PO BOX 401
FAIRFIELD, IL 62837-0401

Re: ACO1
API 15-081-21957-00-00
Stapleton 5-10
NE/4 Sec.10-30S-32W
Haskell County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
John R Kinney

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

November 29, 2011

John R Kinney
Strata Exploration, Inc.
PO BOX 401
FAIRFIELD, IL 62837-0401

Re: ACO-1
API 15-081-21957-00-00
Stapleton 5-10
NE/4 Sec.10-30S-32W
Haskell County, Kansas

Dear John R Kinney:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 07/29/2011 and the ACO-1 was received on November 28, 2011 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department