KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1052639

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 #:

1/20/2011	1/29/2011	3/21/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-097-21682-00-00
Spot Description:
E2 - NW - NW - SW Sec. 34 Twp. 27 S. R. 18 [ ] East [x] West
2310 Feet from [ ] North / [x] South Line of Section
455 Feet from [ ] East / [x] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [ ] SE [x] SW
County: Kiowa
Lease Name: Gene Einsel Well #: 1-34
Field Name:
Producing Formation: Miss
Elevation: Ground: 2193 Kelly Bushing: 2202
Total Depth: 4837 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 523 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: 12000 ppm Fluid volume: 800 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Roberts Recources
Lease Name: MARY License #: 32781
Quarter SW Sec. 16 Twp. 29 S. R. 18 [ ] East [x] West
County: Kiowa Permit #: D28396

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: 03/22/2011
- [x] Confidential Release Date: 03/21/2013
- [x] Wireline Log Received
- [ ] Geologist Report Received
- [ ] UIC Distribution

ALT [x] I [ ] II [ ] III Approved by: NAOMI JAMES Date: 03/29/2011

Side Two

1052639

Operator Name: Strata Exploration, Inc. Lease Name: Gene Einsel Well #: 1-34

Sec. 34 Twp. 27 S. R. 18 ☐ East ☑ West County: Kiowa

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:

Halliburton- Induction
Compensated Density Neutron Log
Microlog

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

Name	Top	Datum
See attached 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	8.625	12.25	23	523	See ticket	400	See ticket
Longstring	5.5	7.875	15.5	4836	See ticket	200	See 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
4	Miss	Frac17,375 gal 25# gel/ 20,000#16/30 sd	4790-4810

TUBING RECORD: Size:	Set At:	Packer At:	Liner Run:
2 7/8	4735		☐ 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:
Miss 4790-4810

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:	#1-34 Gene Einsel		
Location:	2310' FSL & 455' FWL, Sec. 34-T27S-R18W, Kiowa Co., KS.		
Licence Number:	15-097-21682-0000	**Region:**	Greensburg SW
Spud Date:	1/20/2011	**Drilling Completed:**	
Surface Coordinates:	2310' FSL & 455' FWL, Sec. 34-T27S-R18W		
Bottom Hole Coordinates:	Same as above		
Ground Elevation (ft):	2193'	**K.B. Elevation (ft):**	2202'
Logged Interval (ft):	3750' **To:** TD.	**Total Depth (ft):**	
Formation:			
Type of Drilling Fluid:	Freshwater/Gel to 3149'; Chemical Gel 3149' to TD.		

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

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(Lansing 'A') 4211' - 4230' Times 15"-45"-30"-60" IFP Strong Blow BOB/50 Sec., FFP Fair Blow built to 6"; No GTS, no Blowback on SI's; REC: 455' GIP, 15' GOCWM(18%G, 20%O, 22%W, 40%M), 62' SOCMW(3%O, 87%W, 10%M), Cl 70,000, Mud 6300; IFP 26-34#, ISIP 1102#, FFP 48-67#, FSIP 1184#, IHP 2058#, FHP 1990#, BHT 111 Deg. F.

DST #2(Mississippi Chert) 4756' - 4807' Times 15"-45"-45"-90" IFP Weak Blow built to 3", FFP Weak Blow built to 3.5", no Blowback on SI's; REC: 155' GIP, 30' WM(16%W, 84%M) Cl 13,500, Mud 4000; IFP 20-23#, ISIP 176#, FFP 24-32#, FSIP 196#, IHP 2310#, FHP 2290#, BHT 117 Deg. F.

Comments

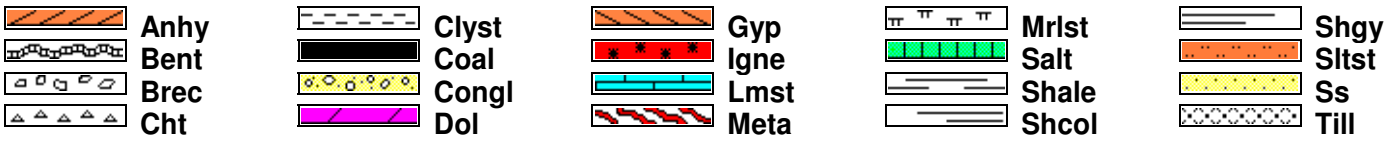
1/20/11 MIRU Sterling Drilling Co. Rig #4, Spud at 9:15 AM.; 1/21/11 TD. 525' - WOC; 1/22/11 Drilling at 2030'; 1/23/11 Drilling at 2970'; 1/24/11 Drilling at 3650'; 1/25/11 TD. 4230' - CFS; 1/26/11 Drilling at 4340'; 1/27/11 Drilling at 4730'; 1/28/11 TD. 4807' - CCH after DST #2; 1/29/11

Set 8 5/8"(23#) Surface Casing at 523' w/400 sx/(Basic Energy Services). Cement Did Circulate. PD. 10:30 PM. 1/20/11.

Surveys: 0.5 Degree at 525'(Surface Casing); 0.75 Deg. at 4230'(DST #1); 0.25 Deg. at 4807'(DST #2);

Pipe Strap at 4230'(DST #1): Strap 1.15' Long to the Board, no correction made to the Board.

ROCK TYPES



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

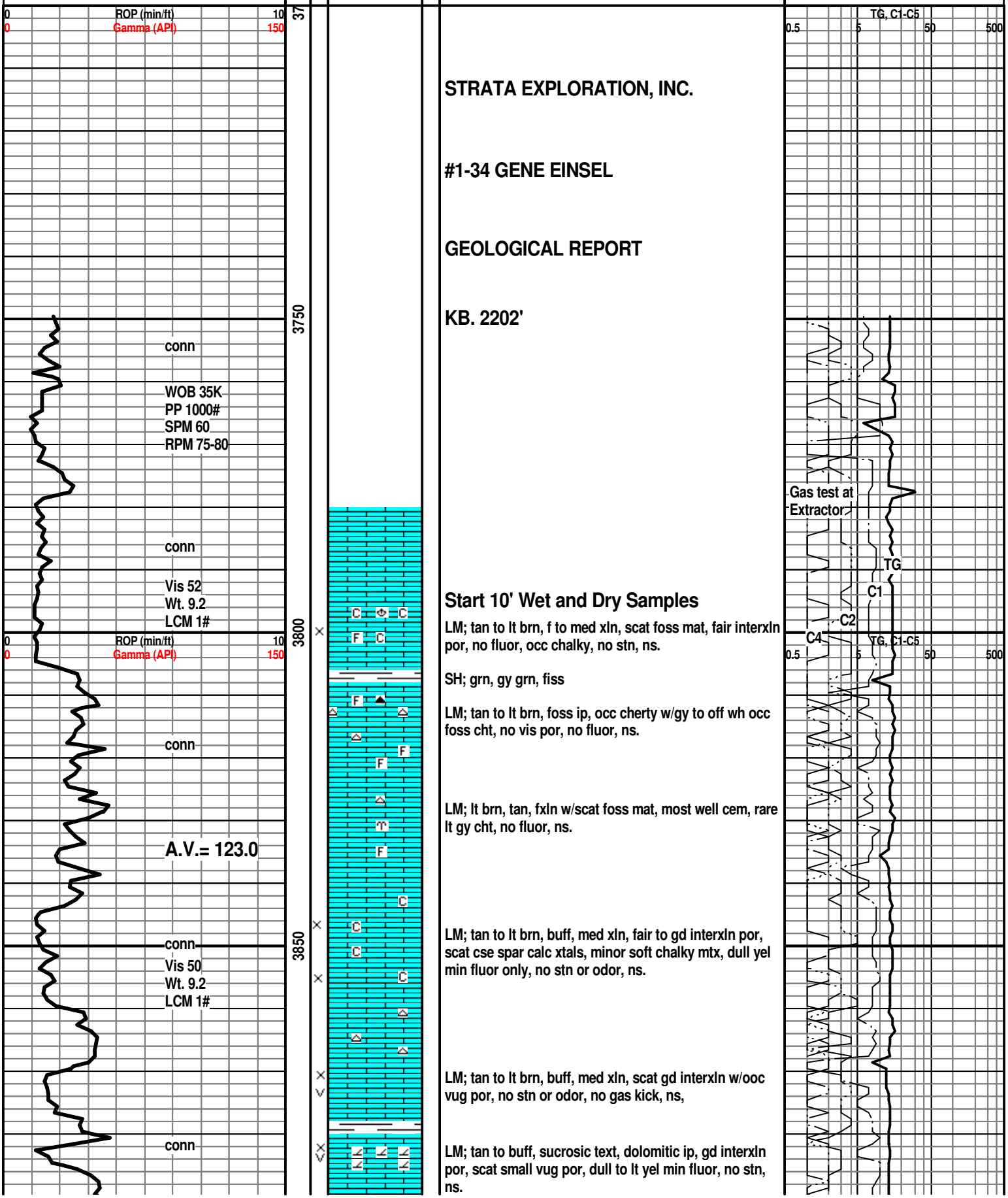
- Even
- Spotted
- Ques
- Dead

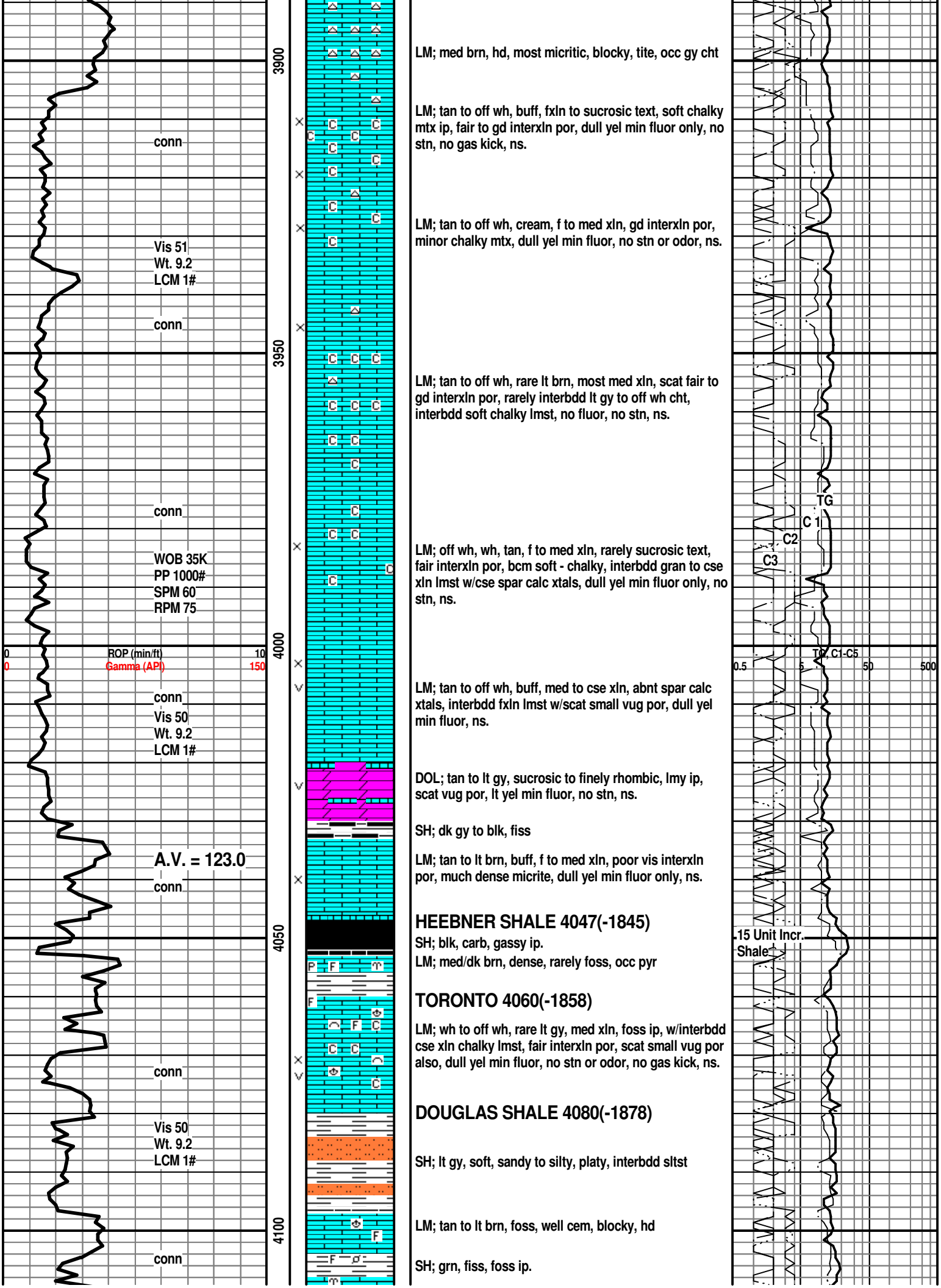
INTERVAL

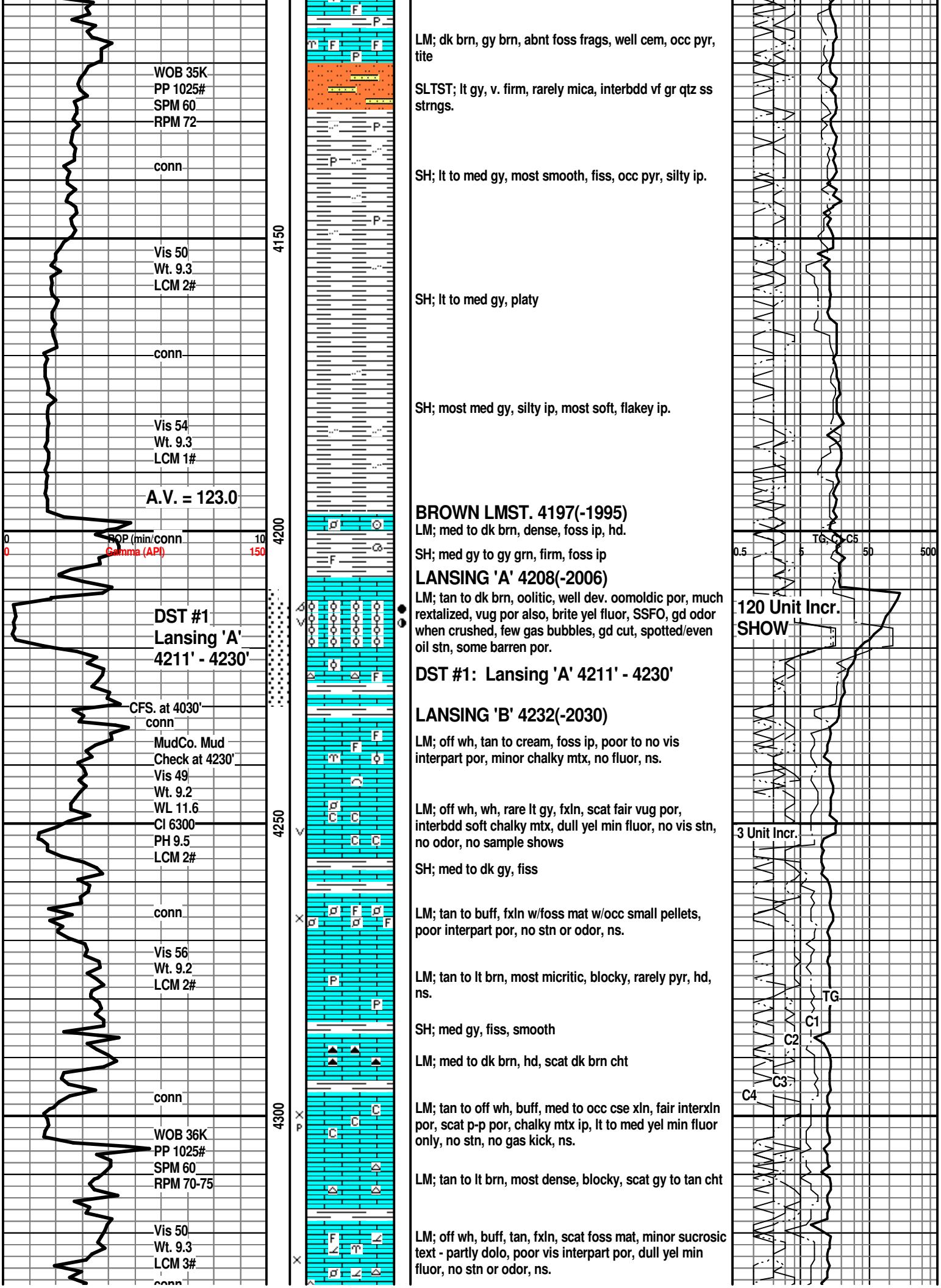
- Core
- Dst

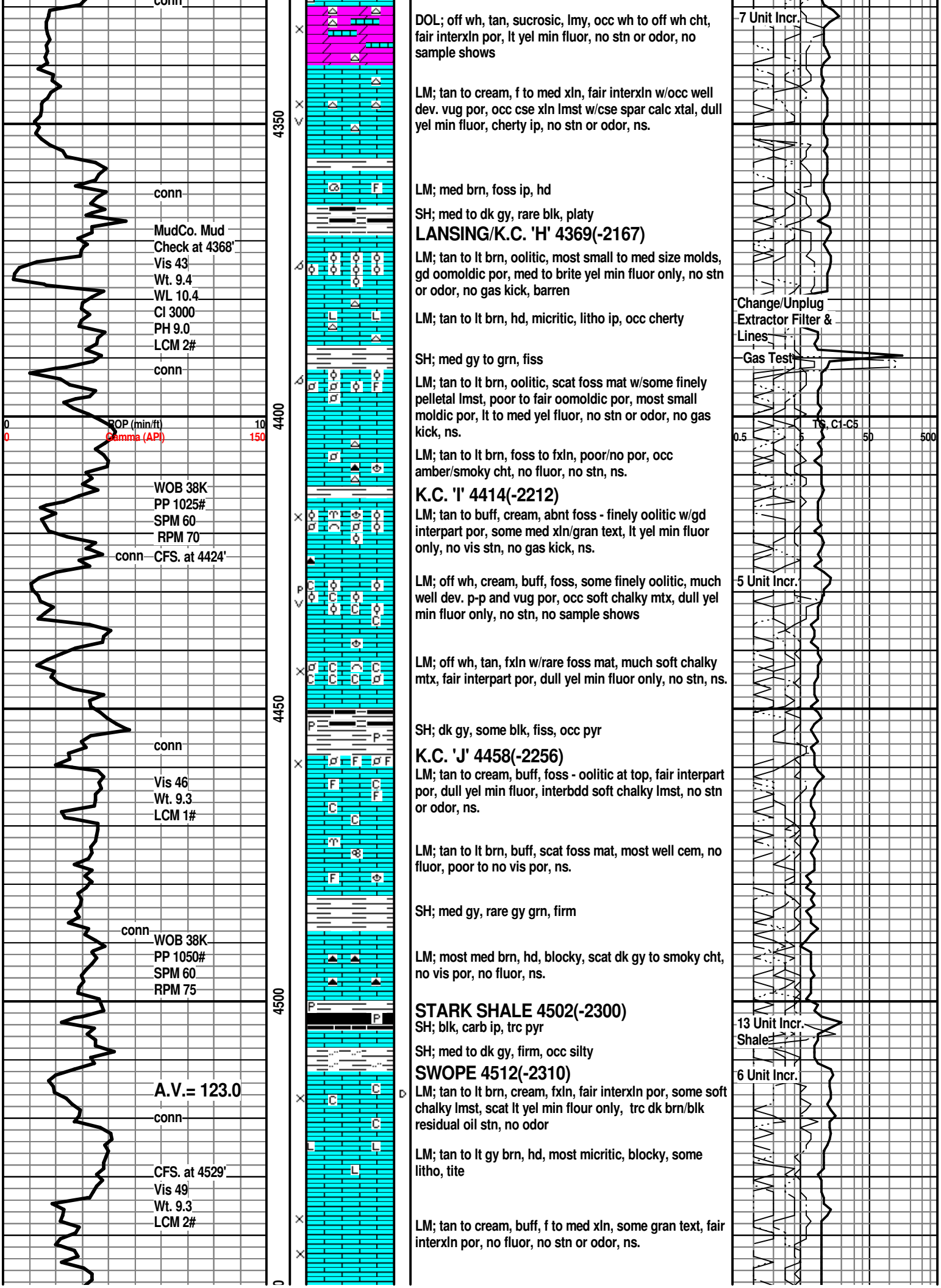
EVENT

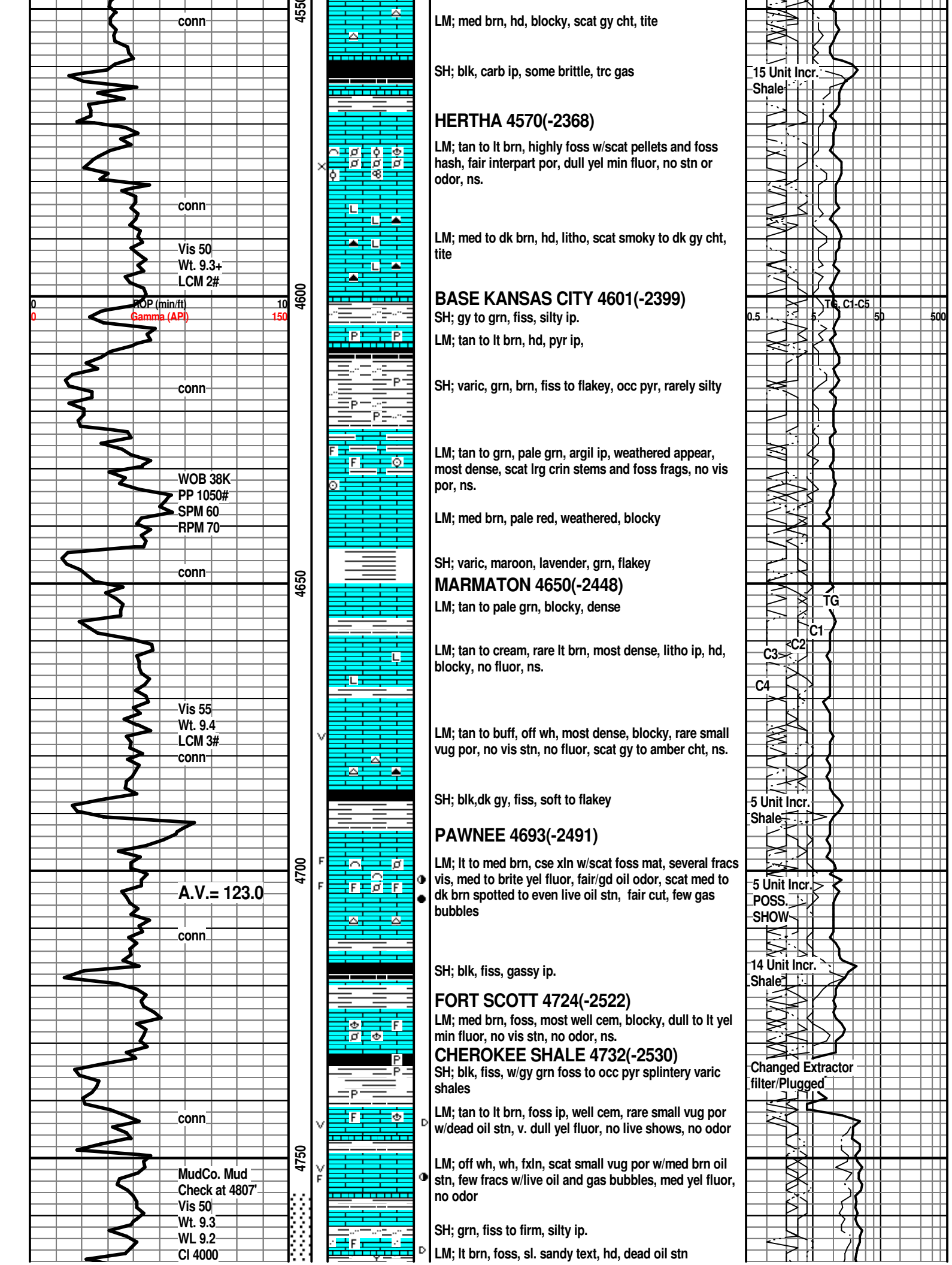
- Rft
- Sidewall


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
37
3750
3800
3850
TG, C1-C5
0.5
5
50
500
STRATA EXPLORATION, INC.
#1-34 GENE EINSEL
GEOLOGICAL REPORT
KB. 2202'
conn
WOB 35K
PP 1000#
SPM 60
RPM 75-80
conn
Vis 52
Wt. 9.2
LCM 1#
Gas test at Extractor
TG
C1
C2
C4
Start 10' Wet and Dry Samples
LM; tan to lt brn, f to med xln, scat foss mat, fair interxln por, no fluor, occ chalky, no stn, ns.
SH; grn, gy grn, fiss
LM; tan to lt brn, foss ip, occ cherty w/gy to off wh occ foss cht, no vis por, no fluor, ns.
conn
A.V.= 123.0
LM; lt brn, tan, fxln w/scat foss mat, most well cem, rare lt gy cht, no fluor, ns.
conn
Vis 50
Wt. 9.2
LCM 1#
LM; tan to lt brn, buff, med xln, fair to gd interxln por, scat cse spar calc xtals, minor soft chalky mtx, dull yel min fluor only, no stn or odor, ns.
LM; tan to lt brn, buff, med xln, scat gd interxln w/ooc vug por, no stn or odor, no gas kick, ns,
conn
LM; tan to buff, sucrosic text, dolomitic ip, gd interxln por, scat small vug por, dull to lt yel min fluor, no stn, ns.


3900
3950
4000
4050
4100
conn
Vis 51
Wt. 9.2
LCM 1#
conn
conn
WOB 35K
PP 1000#
SPM 60
RPM 75
0
ROP (min/ft)
10
0
Gamma (API)
150
conn
Vis 50
Wt. 9.2
LCM 1#
A.V. = 123.0
conn
conn
Vis 50
Wt. 9.2
LCM 1#
conn
LM; med brn, hd, most micritic, blocky, tite, occ gy cht
LM; tan to off wh, buff, fxln to sucrosic text, soft chalky mtx ip, fair to gd interxln por, dull yel min fluor only, no stn, no gas kick, ns.
LM; tan to off wh, cream, f to med xln, gd interxln por, minor chalky mtx, dull yel min fluor, no stn or odor, ns.
LM; tan to off wh, rare lt brn, most med xln, scat fair to gd interxln por, rarely interbdd lt gy to off wh cht, interbdd soft chalky lmst, no fluor, no stn, ns.
LM; off wh, wh, tan, f to med xln, rarely sucrosic text, fair interxln por, bcm soft - chalky, interbdd gran to cse xln lmst w/cse spar calc xtals, dull yel min fluor only, no stn, ns.
LM; tan to off wh, buff, med to cse xln, abnt spar calc xtals, interbdd fxln lmst w/scat small vug por, dull yel min fluor, ns.
DOL; tan to lt gy, sucrosic to finely rhombic, lmy ip, scat vug por, lt yel min fluor, no stn, ns.
SH; dk gy to blk, fiss
LM; tan to lt brn, buff, f to med xln, poor vis interxln por, much dense micrite, dull yel min fluor only, ns.
HEEBNER SHALE 4047(-1845)
SH; blk, carb, gassy ip.
LM; med/dk brn, dense, rarely foss, occ pyr
TORONTO 4060(-1858)
LM; wh to off wh, rare lt gy, med xln, foss ip, w/interbdd cse xln chalky lmst, fair interxln por, scat small vug por also, dull yel min fluor, no stn or odor, no gas kick, ns.
DOUGLAS SHALE 4080(-1878)
SH; lt gy, soft, sandy to silty, platy, interbdd sltst
LM; tan to lt brn, foss, well cem, blocky, hd
SH; grn, fiss, foss ip.
TG
C 1
C2
C3
TG, C1-C5
0.5
5
50
500
15 Unit Incr.
Shale


WOB 35K
PP 1025#
SPM 60
RPM 72
conn
Vis 50
Wt. 9.3
LCM 2#
conn
Vis 54
Wt. 9.3
LCM 1#
A.V. = 123.0
0
ROP (min/
10
0
Gamma (API)
150
conn
DST #1
Lansing 'A'
4211' - 4230'
CFS. at 4030'
conn
MudCo. Mud
Check at 4230'
Vis 49
Wt. 9.2
WL 11.6
Cl 6300
PH 9.5
LCM 2#
conn
Vis 56
Wt. 9.2
LCM 2#
conn
WOB 36K
PP 1025#
SPM 60
RPM 70-75
Vis 50
Wt. 9.3
LCM 3#
conn
4150
4200
4250
4300
LM; dk brn, gy brn, abnt foss frags, well cem, occ pyr, tite
SLTST; lt gy, v. firm, rarely mica, interbdd vf gr qtz ss strngs.
SH; lt to med gy, most smooth, fiss, occ pyr, silty ip.
SH; lt to med gy, platy
SH; most med gy, silty ip, most soft, flakey ip.
BROWN LMST. 4197(-1995)
LM; med to dk brn, dense, foss ip, hd.
SH; med gy to gy grn, firm, foss ip
LANSING 'A' 4208(-2006)
LM; tan to dk brn, oolitic, well dev. oomoldic por, much rextalized, vug por also, brite yel fluor, SSFO, gd odor when crushed, few gas bubbles, gd cut, spotted/even oil stn, some barren por.
DST #1: Lansing 'A' 4211' - 4230'
LANSING 'B' 4232(-2030)
LM; off wh, tan to cream, foss ip, poor to no vis interpart por, minor chalky mtx, no fluor, ns.
LM; off wh, wh, rare lt gy, fxln, scat fair vug por, interbdd soft chalky mtx, dull yel min fluor, no vis stn, no odor, no sample shows
SH; med to dk gy, fiss
LM; tan to buff, fxln w/foss mat w/occ small pellets, poor interpart por, no stn or odor, ns.
LM; tan to lt brn, most micritic, blocky, rarely pyr, hd, ns.
SH; med gy, fiss, smooth
LM; med to dk brn, hd, scat dk brn cht
LM; tan to off wh, buff, med to occ cse xln, fair interxln por, scat p-p por, chalky mtx ip, lt to med yel min fluor only, no stn, no gas kick, ns.
LM; tan to lt brn, most dense, blocky, scat gy to tan cht
LM; off wh, buff, tan, fxln, scat foss mat, minor sucrosic text - partly dolo, poor vis interpart por, dull yel min fluor, no stn or odor, ns.
TG, C1-C5
0.5
5
50
500
120 Unit Incr.
SHOW
3 Unit Incr.
TG
C1
C2
C3
C4


conn
MudCo. Mud
Check at 4368'
Vis 43
Wt. 9.4
WL 10.4
Cl 3000
PH 9.0
LCM 2#
conn
0
ROP (min/ft)
10
0
Gamma (API)
150
WOB 38K
PP 1025#
SPM 60
RPM 70
conn
CFS. at 4424'
conn
Vis 46
Wt. 9.3
LCM 1#
conn
WOB 38K
PP 1050#
SPM 60
RPM 75
A.V.= 123.0
conn
CFS. at 4529'
Vis 49
Wt. 9.3
LCM 2#
4350
4400
4450
4500
DOL; off wh, tan, sucrosic, lmy, occ wh to off wh cht, fair interxln por, lt yel min fluor, no stn or odor, no sample shows
LM; tan to cream, f to med xln, fair interxln w/occ well dev. vug por, occ cse xln lmst w/cse spar calc xtal, dull yel min fluor, cherty ip, no stn or odor, ns.
LM; med brn, foss ip, hd
SH; med to dk gy, rare blk, platy
LANSING/K.C. 'H' 4369(-2167)
LM; tan to lt brn, oolitic, most small to med size molds, gd oomoldic por, med to brite yel min fluor only, no stn or odor, no gas kick, barren
LM; tan to lt brn, hd, micritic, litho ip, occ cherty
SH; med gy to grn, fiss
LM; tan to lt brn, oolitic, scat foss mat w/some finely pelletal lmst, poor to fair oomoldic por, most small moldic por, lt to med yel fluor, no stn or odor, no gas kick, ns.
LM; tan to lt brn, foss to fxln, poor/no por, occ amber/smoky cht, no fluor, no stn, ns.
K.C. 'I' 4414(-2212)
LM; tan to buff, cream, abnt foss - finely oolitic w/gd interpart por, some med xln/gran text, lt yel min fluor only, no vis stn, no gas kick, ns.
LM; off wh, cream, buff, foss, some finely oolitic, much well dev. p-p and vug por, occ soft chalky mtx, dull yel min fluor only, no stn, no sample shows
LM; off wh, tan, fxln w/rare foss mat, much soft chalky mtx, fair interpart por, dull yel min fluor only, no stn, ns.
SH; dk gy, some blk, fiss, occ pyr
K.C. 'J' 4458(-2256)
LM; tan to cream, buff, foss - oolitic at top, fair interpart por, dull yel min fluor, interbdd soft chalky lmst, no stn or odor, ns.
LM; tan to lt brn, buff, scat foss mat, most well cem, no fluor, poor to no vis por, ns.
SH; med gy, rare gy grn, firm
LM; most med brn, hd, blocky, scat dk gy to smoky cht, no vis por, no fluor, ns.
STARK SHALE 4502(-2300)
SH; blk, carb ip, trc pyr
SH; med to dk gy, firm, occ silty
SWOPE 4512(-2310)
LM; tan to lt brn, cream, fxln, fair interxln por, some soft chalky lmst, scat lt yel min flour only, trc dk brn/blk residual oil stn, no odor
LM; tan to lt gy brn, hd, most micritic, blocky, some litho, tite
LM; tan to cream, buff, f to med xln, some gran text, fair interxln por, no fluor, no stn or odor, ns.
7 Unit Incr.
Change/Unplug
Extractor Filter &
Lines
Gas Test
TG, C1-C5
0.5
5
50
500
5 Unit Incr.
13 Unit Incr.
Shale
6 Unit Incr.


conn
conn
Vis 50
Wt. 9.3+
LCM 2#
0
ROP (min/ft)
10
0
Gamma (API)
150
conn
WOB 38K
PP 1050#
SPM 60
RPM 70
conn
Vis 55
Wt. 9.4
LCM 3#
conn
A.V.= 123.0
conn
conn
MudCo. Mud
Check at 4807'
Vis 50
Wt. 9.3
WL 9.2
Cl 4000
4550
4600
4650
4700
4750
LM; med brn, hd, blocky, scat gy cht, tite
SH; blk, carb ip, some brittle, trc gas
HERTHA 4570(-2368)
LM; tan to lt brn, highly foss w/scat pellets and foss hash, fair interpart por, dull yel min fluor, no stn or odor, ns.
LM; med to dk brn, hd, litho, scat smoky to dk gy cht, tite
BASE KANSAS CITY 4601(-2399)
SH; gy to grn, fiss, silty ip.
LM; tan to lt brn, hd, pyr ip,
SH; varic, grn, brn, fiss to flakey, occ pyr, rarely silty
LM; tan to grn, pale grn, argil ip, weathered appear, most dense, scat lrg crin stems and foss frags, no vis por, ns.
LM; med brn, pale red, weathered, blocky
SH; varic, maroon, lavender, grn, flakey
MARMATON 4650(-2448)
LM; tan to pale grn, blocky, dense
LM; tan to cream, rare lt brn, most dense, litho ip, hd, blocky, no fluor, ns.
LM; tan to buff, off wh, most dense, blocky, rare small vug por, no vis stn, no fluor, scat gy to amber cht, ns.
SH; blk,dk gy, fiss, soft to flakey
PAWNEE 4693(-2491)
LM; lt to med brn, cse xln w/scat foss mat, several fracs vis, med to brite yel fluor, fair/gd oil odor, scat med to dk brn spotted to even live oil stn, fair cut, few gas bubbles
SH; blk, fiss, gassy ip.
FORT SCOTT 4724(-2522)
LM; med brn, foss, most well cem, blocky, dull to lt yel min fluor, no vis stn, no odor, ns.
CHEROKEE SHALE 4732(-2530)
SH; blk, fiss, w/gy grn foss to occ pyr splintery varic shales
LM; tan to lt brn, foss ip, well cem, rare small vug por w/dead oil stn, v. dull yel fluor, no live shows, no odor
LM; off wh, wh, fxln, scat small vug por w/med brn oil stn, few fracs w/live oil and gas bubbles, med yel fluor, no odor
SH; grn, fiss to firm, silty ip.
LM; lt brn, foss, sl. sandy text, hd, dead oil stn
15 Unit Incr.
Shale
TG, C1-C5
0.5
5
50
500
TG
C1
C2
C3
C4
5 Unit Incr.
Shale
5 Unit Incr.
POSS.
SHOW
14 Unit Incr.
Shale
Changed Extractor
filter/Plugged

PH 10.0
LCM 2#
conn

DST #2
Miss. Chert
4756' - 4807'

SR=Slightly Rough
Drilling

0 SR SR ROP (min/ft) 10
0 SR SR Gamma (API) 150

CFS. at 4807'

4800
4850
4900
4950

F P
F V
F V
F

SH; varic, gy, grn, maroon, yel, platy, silty to sandy

REWORKED MISS CHT. 4782(-2580)

CHT; varic, much org, yel, red, wh, most fresh, scat dk brn/blk dead stn, lt yel fluor, no odor

MISS. CHERT 4789(-2587)

CHT; wh, off wh, fresh & trip(est. 45% trip), fracs and p-p/vug por, lt yel fluor, faint odor, rare oolitic cht w/vug por, scat dk brn oil sat. pcs w/SFO, gas bubbles, oil stn on frac planes

CHT; varic, wh, org, off wh, mostly fresh cht w/spotted oil stn, faint oil/gas odor, decr. shows

DST #2: Miss. Chert 4756' - 4807'

MAX. 45 Unit
Incr.-SHOW

TG, C1-C5
0.5 50 500

NOTE: Gas Kick
recycled

5 1/2 Longstring Cement Job

BASIC ENERGY SERVICES

PAGE	CUST NO	INVOICE DATE
1 of 1	1004072	02/02/2011

INVOICE NUMBER

1718 - 90515912

Pratt (620) 672-1201

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

JOB SITE
LEASE NAME Gene Einsel 1-34
LOCATION
COUNTY Kiowa
STATE KS
JOB DESCRIPTION Cement-New Well Casing/Pi
JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40280602	20920		Net - 30 days	03/04/2011

For Service Dates: 01/30/2011 to 01/30/2011

0040280602

171803400A Cement-New Well Casing/Pi 01/30/2011

LEASE 2/7 G. EINSEL #1-34 LEV 5 P/P
DES CEMENT WELL PROD CSNG A/P
DRL COM X LOE G/L 73551/10556 92 D/D

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
50/50 POZ	200.00	EA	8.14	1,627.91 T
60/40 POZ	50.00	EA	8.88	443.97 T
Cello-flake	50.00	EA	2.74	136.89 T
Cal-Set	840.00	EA	0.55	466.17 T
FLA-322	84.00	EA	5.55	466.17 T
KCL, Potassium Chloride	453.00	EA	1.11	502.80 T
Gilsonite	1,200.00	EA	0.50	594.93 T
Mud Flush	1,000.00	EA	0.64	636.36 T
CS-1L, KCL Substitute	5.00	EA	25.90	129.49 T
Latch Down Plug & Baffle, 5 1/2"(Blue)	1.00	EA	295.98	295.98
Auto Fill Float Shoe 5 1/2"(Blue)	1.00	EA	266.38	266.38
Turbolizer, 5 1/2"(Blue)	12.00	EA	81.40	976.74
5 1/2" Basket(Blue)	2.00	EA	214.59	429.18
Heavy Equipment Mileage	60.00	MI	5.18	310.78
Proppant and Bulk Delivery Charge	317.00	MI	1.18	375.31
Blending & Mixing Service Charge	250.00	MI	1.04	258.99
Unit Mileage Charge-Pickups, Vans & Cars	30.00	HR	3.14	94.34
Plug Container Utilization Charge	1.00	EA	184.99	184.99
Depth Charge; 4001'-5000'	1.00	HR	1,864.71	1,864.71
Service Supervisor	1.00	HR	129.49	129.49

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	10,191.58
TAX	365.34
INVOICE TOTAL	10,556.92

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 03400 A

34-27S-18W

DATE TICKET NO.

DATE OF JOB 1-30-11 DISTRICT Pratt, Kansas	NEW WELL ☑ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER Strata Exploration	LEASE Gene Einsel WELL NO 1-34
ADDRESS	COUNTY Kiowa STATE Kansas
CITY STATE	SERVICE CREW C. Messick: J. Melson: D. Phye
AUTHORIZED BY	JOB TYPE: C.N.W. - Longstring

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
37,216	1				
33,708-20,920	1				
19,960-19,918	1				

TRUCK CALLED	DATE 1-29-11	AM PM TIME 1:00
ARRIVED AT JOB		AM PM 8:00
START OPERATION		AM PM 1:45
FINISH OPERATION		AM PM 2:45
RELEASED		AM PM 3:15
MILES FROM STATION TO WELL	30	

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
P	CP 104	50/50 Poz Cement	sk	200	—	$ 2,200 00
P	CP 103	60/40 Poz Cement	sk	50	—	$ 600 00
P	CC 102	Cellflake	Lb	50	—	$ 185 00
P	CC 113	Cal Set	Lb	840	—	$ 630 00
P	CC 129	FLA-322	Lb	84	—	$ 630 00
P	C 700	KCL, Potassium Chloride	Lb	453	—	$ 679 50
P	CC 201	Gilsonite	Lb	1,200	—	$ 804 00
P	CF 607	Latch Down Plug and Baffle, 5½"	ea	1		$ 400 00
P	CF 1251	Auto Fill Float Shoe, 5½"	ea	1		$ 360 00
P	CF 1651	Turbolizer, 5½"	ea	12		$ 1,320 00
P	CF 1901	Basket, 5½"	ea	2		$ 580 00
P	CC 151	Mud Flush	Gal	1,000	—	$ 860 00
P	C 704	Clay Max	Gal	5	—	$ 175 00

CHEMICAL / ACID DATA:			

SUB TOTAL	DLS	
SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
TOTAL		

SERVICE REPRESENTATIVE Clarence R. Messick	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

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

34-27S-18W

FIELD SERVICE TICKET

1718 ~~03601~~ A

Continuation

DATE TICKET NO. 3,400

DATE OF JOB 1-30-11 DISTRICT Pratt, Kansas	NEW WELL ☑ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER Strata Exploration	LEASE Gene Einsel WELL NO. 1-34
ADDRESS	COUNTY Kiowa STATE Kansas
CITY STATE	SERVICE CREW C. Messick: J. Melson: D. Phye
AUTHORIZED BY	JOB TYPE: C.N.W. - Longstring

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS

	DATE	AM PM	TIME
TRUCK CALLED		AM PM	
ARRIVED AT JOB		AM PM	
START OPERATION		AM PM	
FINISH OPERATION		AM PM	
RELEASED		AM PM	
MILES FROM STATION TO WELL			

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
P	E 100	Pickup Mileage	mi	30		$ 127 50
P	E 101	Heavy Equipment Mileage	mi	60		$ 420 00
P	E 113	Bulk Delivery	tm	317		$ 506 40
P	CE 205	Cement Pump: 4,001 Feet To 5,000 Feet	hrs	4		$ 2,520 00
P	CE 240	Blending and Mixing Service	sk	250		$ 350 00
P	CE 504	Plug Container	Job	1		$ 250 00
P	S003	Service Supervisor	Job	1		$ 175 00

CHEMICAL / ACID DATA:			

SUB TOTAL $ 10,191 58

SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
	TOTAL	

SERVICE REPRESENTATIVE Catherine R. Messick

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

ASiC
gy services, L.P.

TREATMENT REPORT

ata Exploration	Lease No.			Date 1-30-11	
Gene Einsel	Well # 1-34				
eld Order # 400	Station Pratt, Kansas	Casing 5½ 15.5 Lb.	Depth 4,836 Feet	County Kiowa	State Kansas
Type Job C.N.W. - Longstring		Formation		Legal Description 34-27S-18W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 5½ 15.5 Lb./Ft.	Tubing Size	Shots/Ft	Cement 50/50	Acid Poz with 2% Gel, 5% Cal Set, .5% FLA-322, .5% KCL,	RATE	PRESS	ISIP
Depth 4,836 Feet	Depth	From	To	Pre Pad .25 Lb./Sk. Cellflake,	Max 6 Lb./Sk. Gilsonite		5 Min.
Volume 115 Bbl.	Volume	From	To	Pad 4 Lb./Gal., 5.43 Gal./Sk.,	Min 1.35 CU.FT./Sk.		10 Min.
Max Press 1500 PSI	Max Press	From	To	Frac	Avg		15 Min.
Well Connection Plug Container	Annulus Vol.	From	To	50 sacks 60/40 Poz to plug Rat (30 sks.) and Mouse (20 sks.) holes	HHP Used		Annulus Pressure
Plug Depth 4,818 Feet	Packer Depth	From	To	Flush 114.7 Bbl. 2% KCL	Gas Volume		Total Load

Customer Representative Alan Vratil	Station Manager David Scott	Treater Clarence R. Messick			
Service Units	37,216	33,708	20,920	19,960	19,918
Driver Names	Messick	Melson		Phye	

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00			Trucks on location and hold safety meeting.		
9:10			Sterling Drilling start to run Auto Fill Float Shoe, Shoe Joint with Latch		
			Down Baffle screwed into collar and a total of 115 Joints new 15 Lb./Ft. 5.5 inch		
			casing. A Basket was installed above Collars # 4 and # 8. A Turbolizer was		
			installed ~~above~~ on Collars # 1, 2, 3, 4, 6, 8, 11, 14, 16, 18, 21 and # 23.		
12:45					Casing in well. Circulate for 1 hour.
1:50	400			5	Start Mud Flush.
	2,700		5		Stop pumping. Shut in well. Pressure Test. Open Well.
	400			6	Finish Mud Flush.
			24	5	Start Fresh Water Spacer.
			72	5	Start mixing 200 sacks 50/50 poz cement.
	-0-				Stop pumping. Shut in well. Wash pump and lines.
					Release Latch Down Plug. Open Well.
2:10	100			6.5	Start 2% KCL Displacement.
			85	5	Start to lift cement.
2:30	900		114.7		Plug down.
	1,500				Pressure up.
					Release pressure. Float Shoe held.
	-0-		T-5	3	Plug Rat and Mouse holes.
					Wash up pump truck.
3:15					Job Complete.
					Thank You Clarence, Joe, Dale

Taylor Printing, Inc. 620-672-3656

BASIC ENERGY SERVICES

PAGE	CUST NO	INVOICE DATE
1 of 1	1004072	01/22/2011

INVOICE NUMBER

1718 - 90506672

Pratt (620) 672-1201

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

JOB SITE
LEASE NAME: Gene Einsel 1-34
LOCATION:
COUNTY: Kiowa
STATE: KS
JOB DESCRIPTION: Cement-New Well Casing/Pi
JOB CONTACT:

PAID 1-31-11 FNB SA# 6625

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40276443	20920		Net - 30 days	02/21/2011

For Service Dates: 01/20/2011 to 01/20/2011

0040276443

171803552A Cement-New Well Casing/Pi 01/20/2011

LEASE 1/25 G. EINSEL # 1-34 | LEV 5 | P/P 1/26
DES CEMENT SURF CSNG | A/P 1/27
DRL X | COM | LOE | G/L 71730 | D/D

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
A Serv Lite	200.00	EA	8.71	1,742.00 T
Common	200.00	EA	10.72	2,143.99 T
Cello-flake	100.00	EA	2.48	247.90 T
Cement Gel	376.00	EA	0.17	62.98 T
Calcium Chloride	1,086.00	EA	0.70	764.00 T
Top Rubber Cement Plug 8 5/8"	1.00	EA	150.75	150.75
Heavy Equipment Mileage	60.00	MI	4.69	281.40
Proppant and Bulk Delivery Charges	543.00	MI	1.07	582.10
Depth Charge; 0-500'	1.00	HR	670.00	670.00
Blending & Mixing Service Charge	400.00	MI	0.94	375.20
Plug Container Utilization Charge	1.00	EA	167.50	167.50
Supervisor	1.00	HR	117.25	117.25
Unit Mileage Charge-Pickups, Vans & Cars	30.00	HR	2.85	85.43

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	7,390.50
TAX	362.14
INVOICE TOTAL	7,752.64

DRILL STEM TEST REPORT

Strata Exploration Inc.

P.O.Box 401
Fairfield Il.67832

ATTN: Jon Christensen

Gene Einsel#1-34

34-27s-18w KiowA kS.

Job Ticket: 041604 **DST#: 1**

Test Start: 2011.01.25 @ 12:13:28

GENERAL INFORMATION:

Formation: **Lans. A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:08:43
Time Test Ended: 19:20:13

Test Type: Conventional Bottom Hole
Tester: Gary Pevoteaux
Unit No: 39

Interval: 4211.00 ft (KB) To 4230.00 ft (KB) (TVD)
Total Depth: 4230.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

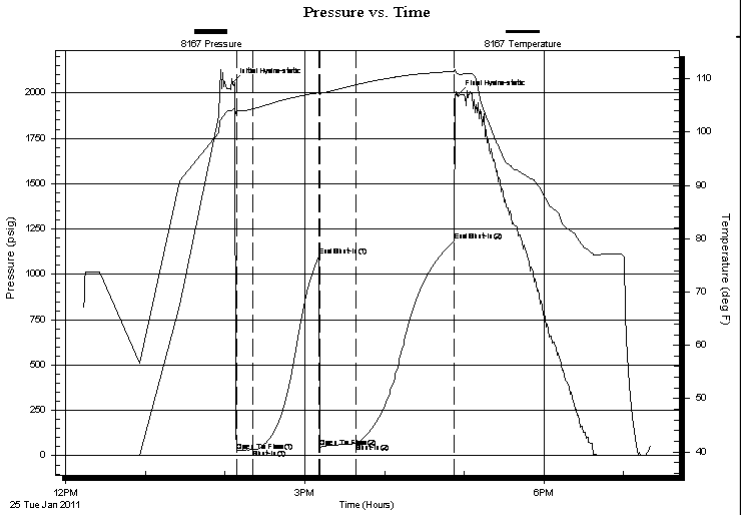
Reference Elevations: 2202.00 ft (KB)
2193.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8167 **Inside**

Press@RunDepth: 67.10 psig @ 4212.00 ft (KB)
Start Date: 2011.01.25 End Date: 2011.01.25
Start Time: 12:13:33 End Time: 19:20:12

Capacity: 8000.00 psig
Last Calib.: 2011.01.25
Time On Btm: 2011.01.25 @ 14:05:43
Time Off Btm: 2011.01.25 @ 16:54:58

TEST COMMENT: IF:Strong blow . B.O.B. in 50 secs.
ISI:No blow .
FF:Weak to fair blow . Slow increase to 6".
FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2057.89	104.13	Initial Hydro-static
3	25.93	103.83	Open To Flow (1)
16	34.47	104.34	Shut-In(1)
65	1101.84	107.35	End Shut-In(1)
66	48.06	107.13	Open To Flow (2)
93	67.10	108.84	Shut-In(2)
167	1183.69	111.39	End Shut-In(2)
170	1989.50	110.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	SOCMW 3%o 10%m 87%w	0.30
0.00	Rw .16 ohms@48deg	0.00
15.00	GOCWM 18%g 20%o 22%w 40%m	0.07
0.00	455 ft.of GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

P.O.Box 401
Fairfield Il.67832

ATTN: Jon Christensen

Gene Einsel#1-34

34-27s-18w KiowA kS.

Job Ticket: 041604 **DST#: 1**

Test Start: 2011.01.25 @ 12:13:28

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:	70000 ppm
Viscosity:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.59 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6300.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

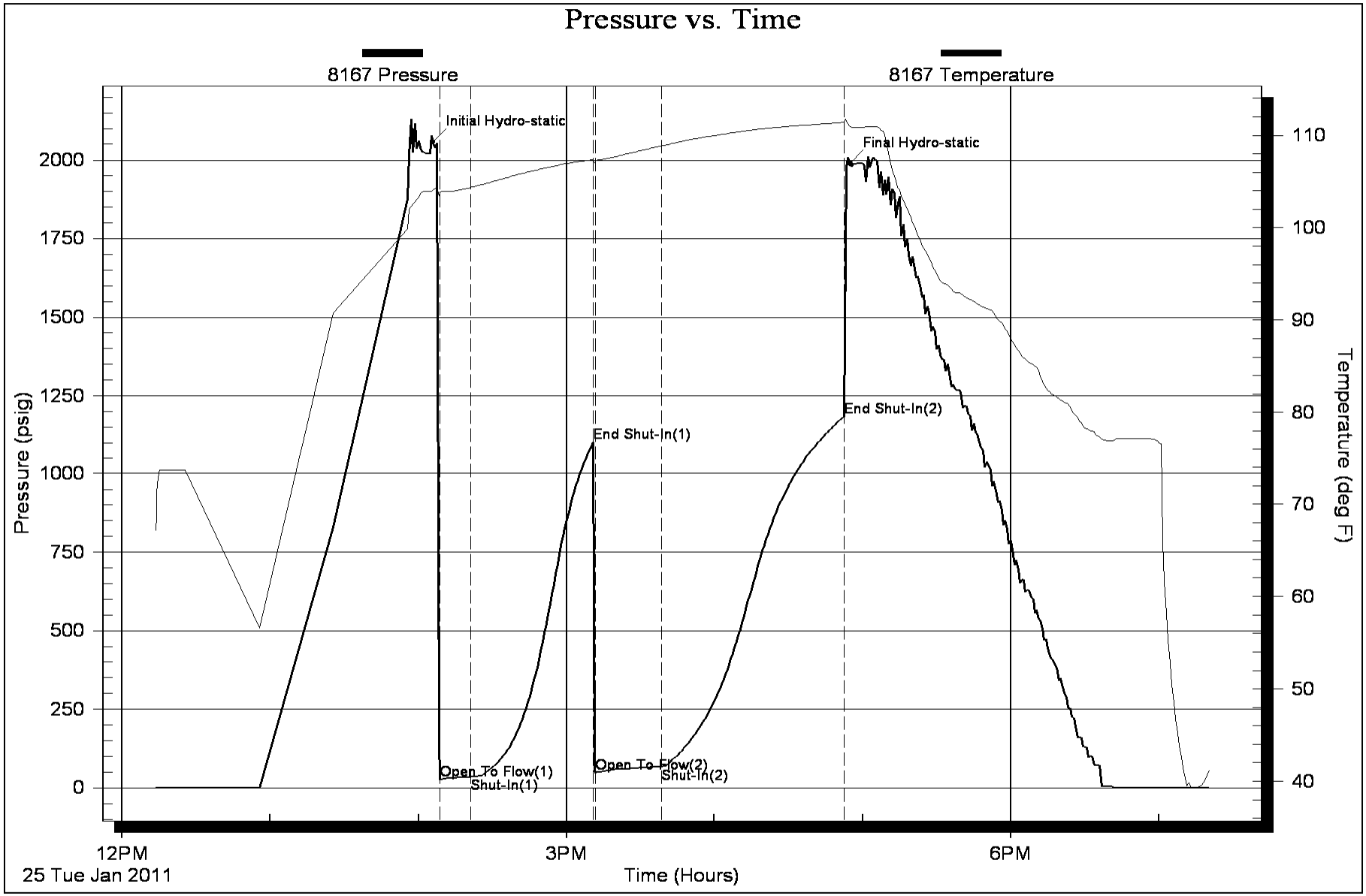
Length ft	Description	Volume bbl
62.00	SOCMW 3%o 10%m 87%w	0.305
0.00	Rw .16 ohms@48deg	0.000
15.00	GOCWM 18%g 20%o 22%w 40%m	0.074
0.00	455 ft.of GIP	0.000

Total Length: 77.00 ft Total Volume: 0.379 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8167 Pressure
8167 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)
2000
1750
1500
1250
1000
750
500
250
0
110
100
90
80
70
60
50
40
12PM
25 Tue Jan 2011
3PM
6PM
Time (Hours)

DRILL STEM TEST REPORT

Strata Exploration Inc.

P.O.Box 401
Fairfield Il.67832

ATTN: Jon Christensen

Gene Einsel#1-34

34-27s-18w KiowA kS.

Job Ticket: 041605 **DST#: 2**

Test Start: 2011.01.27 @ 18:04:55

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:18:55
Time Test Ended: 02:58:40

Test Type: Conventional Bottom Hole
Tester: Gary Pevoteaux
Unit No: 39

Interval: 4756.00 ft (KB) To 4807.00 ft (KB) (TVD)
Total Depth: 4807.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

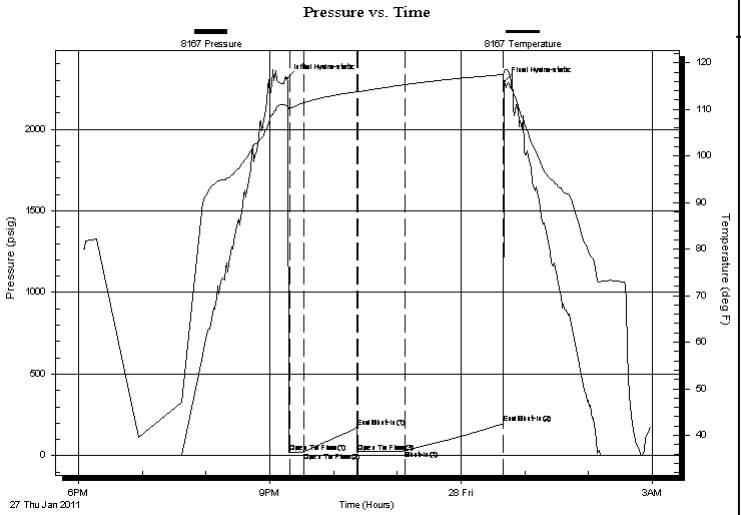
Reference Elevations: 2202.00 ft (KB)
2193.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8167 **Inside**

Press@RunDepth: 32.22 psig @ 4757.00 ft (KB)
Start Date: 2011.01.27 End Date: 2011.01.28
Start Time: 18:05:00 End Time: 02:58:40

Capacity: 8000.00 psig
Last Calib.: 2011.01.28
Time On Btm: 2011.01.27 @ 21:16:25
Time Off Btm: 2011.01.28 @ 00:40:55

TEST COMMENT: IF:Weak blow . (surging) 1 - 3".
ISI:No blow .
FF:Weak blow . 2 - 3 1/2".
FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2309.55	110.78	Initial Hydro-static
3	19.80	110.26	Open To Flow (1)
16	23.41	111.49	Open To Flow (2)
66	175.84	113.82	End Shut-In(1)
67	23.65	113.78	Open To Flow (3)
111	32.22	115.34	Shut-In(1)
203	196.43	117.48	End Shut-In(2)
205	2290.38	118.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	WM 16%w 84%m	0.15
0.00	155 ft.of GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

P.O.Box 401
Fairfield Il.67832

ATTN: Jon Christensen

Gene Einsel#1-34

34-27s-18w KiowA kS.

Job Ticket: 041605 **DST#: 2**

Test Start: 2011.01.27 @ 18:04:55

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:	15500 ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.19 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

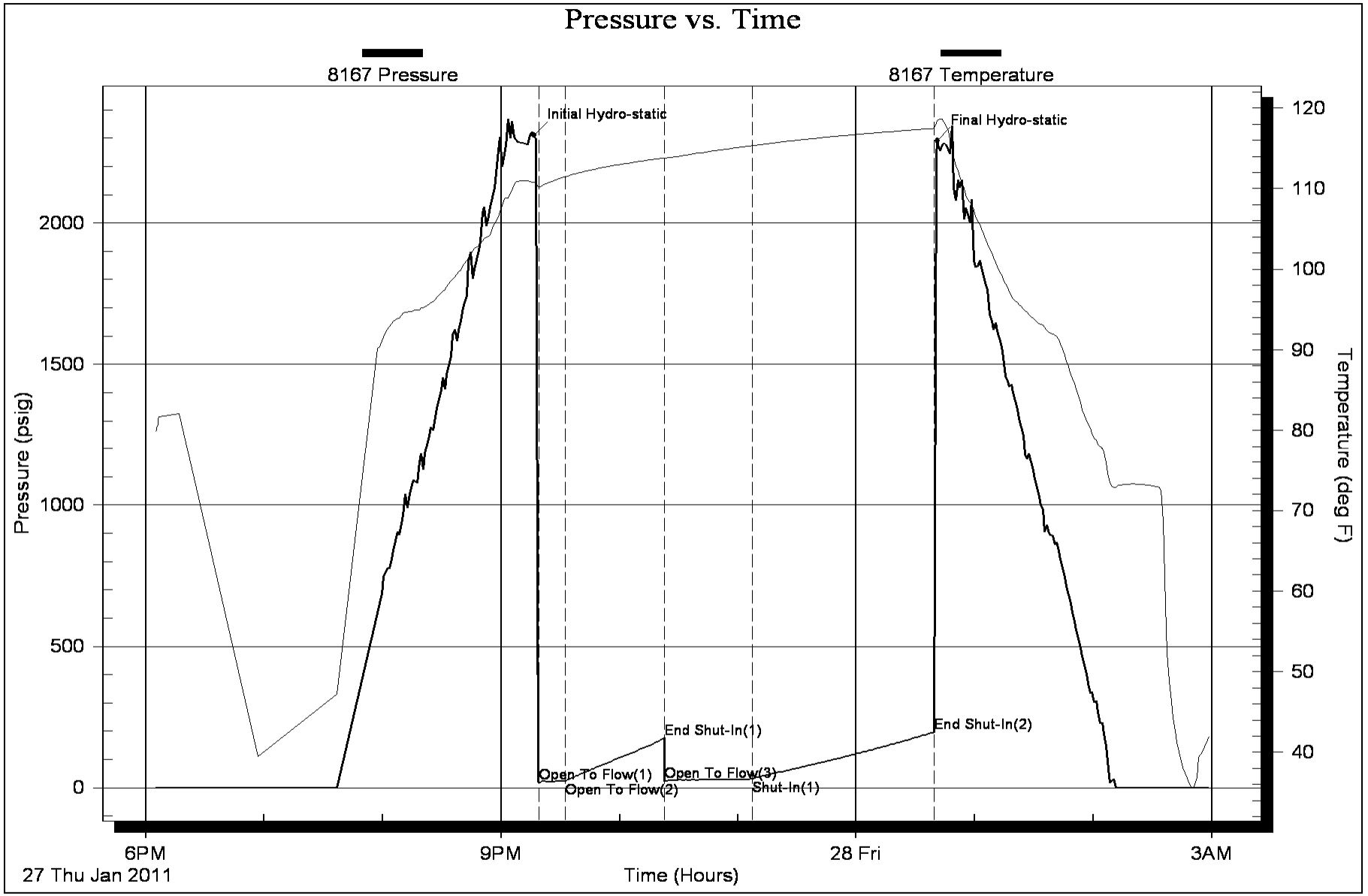
Length ft	Description	Volume bbl
30.00	WM 16%w 84%m	0.148
0.00	155 ft.of GIP	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8167 Pressure
8167 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Open To Flow(3)
Shut-In(1)
Pressure (psig)
Temperature (deg F)
2000
1500
1000
500
0
120
110
100
90
80
70
60
50
40
6PM
27 Thu Jan 2011
9PM
28 Fri
3AM
Time (Hours)

DRILL STEM TEST REPORT

Strata Exploration Inc.

P.O.Box 401
Fairfield Il.67832

ATTN: Jon Christensen

Gene Einsel#1-34

34-27s-18w KiowA kS.

Job Ticket: 041606 **DST#: 3**

Test Start: 2011.01.28 @ 11:35:17

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:15:47
Time Test Ended: 19:59:17

Test Type: Conventional Bottom Hole
Tester: Gary Pevoteaux
Unit No: 39

Interval: 4792.00 ft (KB) To 4825.00 ft (KB) (TVD)
Total Depth: 4825.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

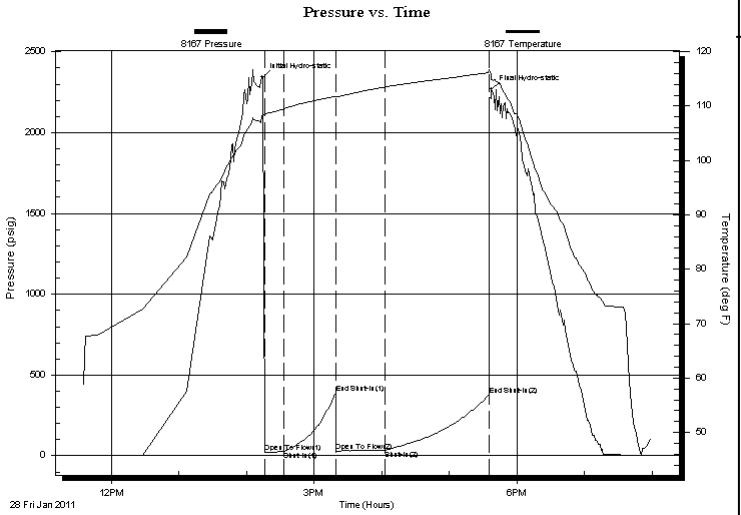
Reference Elevations: 2202.00 ft (KB)
2193.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8167 **Inside**

Press@RunDepth: 34.25 psig @ 4793.00 ft (KB)
Start Date: 2011.01.28 End Date: 2011.01.28
Start Time: 11:35:22 End Time: 19:59:16

Capacity: 8000.00 psig
Last Calib.: 2011.01.28
Time On Btm: 2011.01.28 @ 14:14:02
Time Off Btm: 2011.01.28 @ 17:37:32

TEST COMMENT: IF:Weak blow . 1 - 2 1/2".
ISI:No blow .
FF:Weak blow . 1 - 2".
FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2342.51	108.36	Initial Hydro-static
2	19.03	108.24	Open To Flow (1)
19	25.31	109.49	Shut-In(1)
65	385.16	111.79	End Shut-In(1)
66	27.72	111.72	Open To Flow (2)
109	34.25	113.48	Shut-In(2)
202	375.93	116.12	End Shut-In(2)
204	2268.85	114.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	Drlg.mud/good show of oil @ top of tool	0.12
0.00	160 ft.of GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

P.O.Box 401
Fairfield Il.67832

ATTN: Jon Christensen

Gene Einsel#1-34

34-27s-18w KiowA kS.

Job Ticket: 041606 **DST#: 3**

Test Start: 2011.01.28 @ 11:35:17

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:	5000 ppm
Viscosity:	60.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.79 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

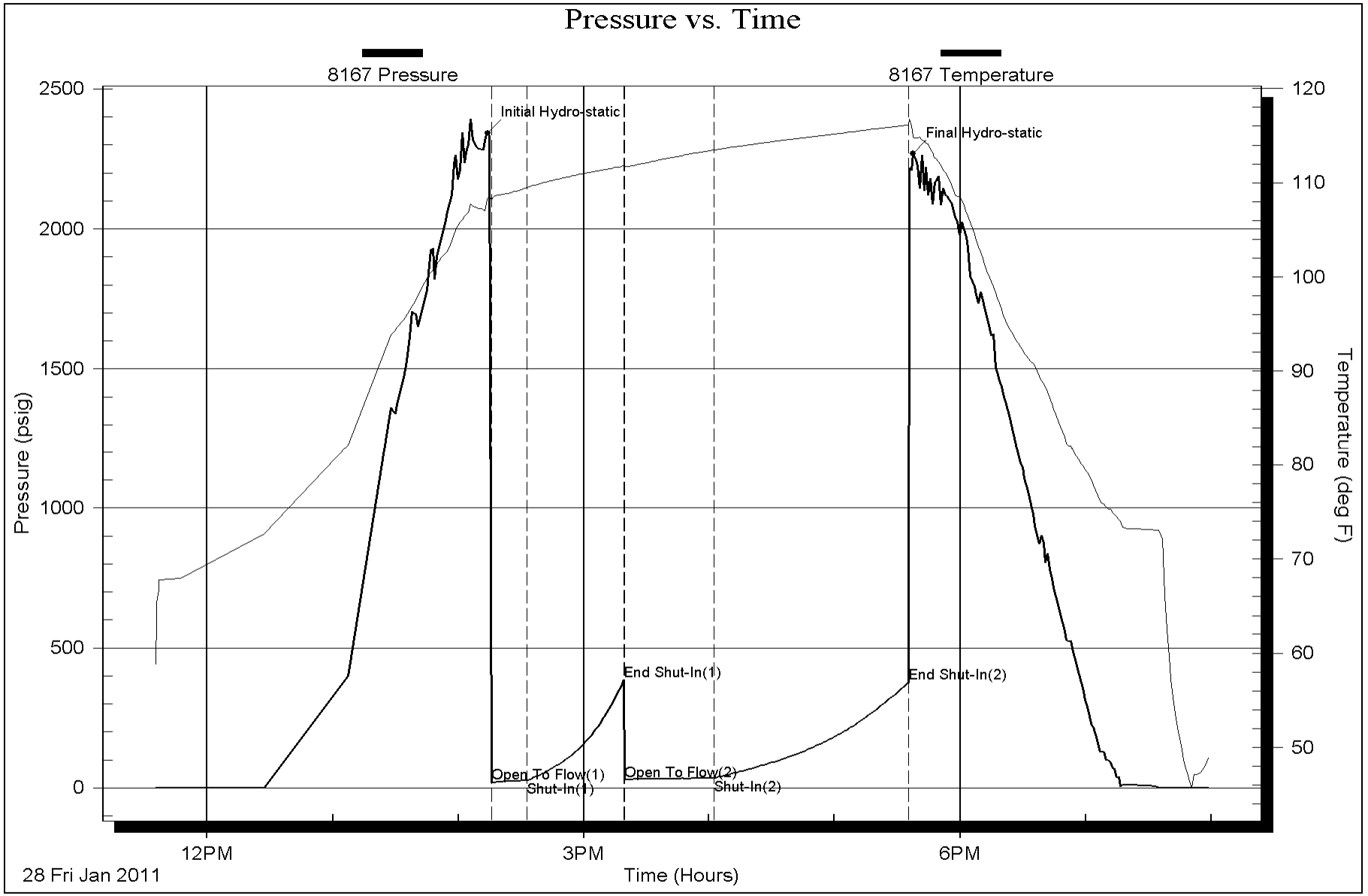
Length ft	Description	Volume bbl
25.00	Drlg.mud/good show of oil @ top of tool	0.123
0.00	160 ft.of GIP	0.000

Total Length: 25.00 ft Total Volume: 0.123 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8167 Pressure
8167 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)
2500
2000
1500
1000
500
0
120
110
100
90
80
70
60
50
12PM
3PM
6PM
28 Fri Jan 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/

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Sam Brownback, Governor

March 22, 2011

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

Re: ACO1
API 15-097-21682-00-00
Gene Einsel 1-34
SW/4 Sec.34-27S-18W
Kiowa 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

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE
10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

0040276443

FIELD SERVICE TICKET

1718 03552 A

DATE TICKET NO.

DATE OF JOB 01-20-11 DISTRICT PRATT KS	NEW WELL ☑ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER STRATA EXPLORATION	LEASE GENE EINSEL 1-34 WELL NO.
ADDRESS	COUNTY KIOWA STATE KS
CITY STATE	SERVICE CREW Sullivan, Molson, Phye
AUTHORIZED BY	JOB TYPE CNW 8 5/8 Surface

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
33208-20920	50	nun			
19960-19918	50	nun			
19867					

	DATE	TIME
TRUCK CALLED	01-20-11	AM (PM) 1700
ARRIVED AT JOB		AM (PM) 1900
START OPERATION		AM PM 2140
FINISH OPERATION		AM PM 2230
RELEASED	01-20-11	AM PM 2245
MILES FROM STATION TO WELL		30

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
CP 106	A-Serv Lite cmt	SK	200		2,600 00
CP 100	Common cmt	sk	200		3,200 00
CC 102	Cell-Flake	lb	100		320 00
CC 109	Calcium chloride	lb	1086		1,140 30
CC 200	cmt gel	lb	376		94 00
CF 105	TOP Rubber Plug 8 5/8	EA	1		225 00
C 100	pickup mileage	mi	30		127 50
E 101	Heavy Eqmt mileage	mi	60		420 00
E 113	Bulk Delivery	TM	543		868 80
CE 200	Depth charge 0-500'	EA	1		1,000 00
CE 240	Blending - mixing	SK	400		560 00
CE 504	plug Container Rental	EA	1		250 00
S 003	Service Supervisor	EA	1		175 00

CHEMICAL / ACID DATA:			

SUB TOTAL		
SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
TOTAL		7,390 50

Thank you
DLS

SERVICE REPRESENTATIVE Robert Sullivan

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

FIELD SERVICE ORDER NO.

BASIC energy services, L.P.

TREATMENT REPORT

Customer: STRATA EXPLORATION	Lease No.		Date: 01-20-11		
Lease: GENO EINSEL	Well #: 1-34				
Field Order #: 3352	Station: PRATT KS	Casing: 8 5/8	Depth: 522'	County: KIOWA	State: KS
Type Job: CNW 8 5/8 SURFACE	Formation		Legal Description: 34-27-18		

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 8 5/8	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth: 522'	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press: 300	Max Press	From	To	Frac	Avg		15 Min.
Well Connection: P.C	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth: 503	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative | Station Manager: DAVE SCOTT | Treater: Robert Sullivan

Service Units	19867	33208	20920	19960	19918						
Driver Names	Sullivan	Nelson		Phy &							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1900					on loc Safty meety
					Run 12 JTS 8 5/8 #23 CSG.
2120					Casing on Bottom
2130					Hook Up To Circ.
2140	300		3	3	St Spacer
			58	5	mix cmt 200sk A Con Lite
			47		mix cmt Tail 220 sk COM w/ 2% cc 1/4 Flo
					Shut down
					Release Plug
2210				4	St Disp
2230	200		32		Plug down
					circulated 9 BBL cmt To Pit
					JOB Complete
					Thank you

Taylor Printing, Inc. 620-672-3656