



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD 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 #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1073945

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ 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
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



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

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

February 13, 2012

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

Re: ACO1
API 15-097-21707-00-00
Jungemann 1-28
NE/4 Sec.28-27S-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

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: Jungemann #1-28
Location: 1656' FNL & 1117' FEL, Sec. 28-T27S-R18W, Kiowa Co., KS.
Licence Number: 15-097-21707
Spud Date: 9/13/2011
Surface Coordinates: 1656' FNL & 1117' FEL, NE 1/4, Sec. 28-T27S-R18W
Region: Wildcat
Drilling Completed: 9/24/2011

Bottom Hole Same as above
Coordinates:
Ground Elevation (ft): 2184' K.B. Elevation (ft): 2195'
Logged Interval (ft): 3200 To: 4870' Total Depth (ft): 4870'
Formation: Viola at Total Depth
Type of Drilling Fluid: Freshwater/Gel to 3015'; Chemical Mud 3015' to 4870'

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') 4187' - 4204'(Corrected Depths to Log) Test Times 15"-45"-30"-60" IFP Fair Blow built to 13", FFP Fair Blow built to 5.5", no Blowback on SI's; REC: 180' Gas in Pipe, 60' OCM(4%O, 96%M), no Water; IFP 19-30#, ISIP 571#, FFP 34-45#, FSIP 699# and Building, IHP 2051#, FHP 1983#, BHT 112 Deg. F.

DST #2(K.C. 'I' zone) 4382' - 4400'(Corrected Depths to Log) Test Times 15"-45"-45"-90" IFP Weak Blow built to 1.25", FFP Weak building Blow, built to 5.5", no Blowback on SI's; REC: 150' Gas in Pipe, 30' SOCM(2%O, 98%M), no water; IFP 18-25#, ISIP 1286#, FFP 26-37#, FSIP 1331#, IHP 2114#, FHP 2087#, BHT 116 Deg. F.

DST #3(Cherokee/Mississippi Chert) 4718' - 4754'(Corrected Depths to Log) Test Times 15"-45"-45"-90" IFP Fair Blow 4" building to 10"; FFP Fair Blow building to BOB/23 Min., no Gas To Surface, no Blowback on SI's; REC: 340' Gas in Pipe, 35' DM w/oil specks, no water; IFP 21-25#, ISIP 213#, FFP 22-27#, FSIP 762#, IHP 2360#, FHP 2319#, BHT 119 Deg. F.

DST #4(Kinderhook Sandstone) 4788' - 4806'(Corrected Depths to Log) Test Times 15"-45"-45"-90" IFP Weak 2" Blow, FFP Weak 2.5" Blow, no Blowback on SI's; REC: 95' Gas in Pipe, 35' VSOCM(1%O, 99%M), good show of free oil in top of test tool, no water; IFP 19-24#, ISIP 160#, FFP 23-30#, FSIP 297# - building at 40 Deg. angle; IHP 2361#, FHP 2310#, BHT 122 Deg. F.

Comments

9/13/11 MIRU Sterling Drilling Co. Rig #2, Spud at 4:00 PM; 9/14/11 TD. 567' - WOC; 9/15/11 Drilling at 1350'; 9/16/11 Drilling at 2455'; 9/17/11 Drilling at 3112'; 9/18/11 Drilling at 3642'; 9/19/11 Drilling at 4150'; 9/20/11 Drilling at 4208'; 9/21/11 TD. 4404' - TIH after DST #2; 9/22/11 Drilling at 4724'; 9/23/11 TD. 4800' - CFS; 9/24/11 RTD. 4870' - TOH for Logs; 9/25/11 RTD. 4870' / LTD. 4866' - Running 5 1/2" Production Casing.

Set 8 5/8" (24#) Surface Casing at 562' w/350 sx. cement(Allied Cementing Co.). Cement did Circulate. PD. 7:00 AM. 9/14/11.

Set new 5 1/2"(15.5#) Production Casing at 4864'. Cement with 200 sx. "Strata Blend" cement(Basic Energy Services). PD. 10:30 AM. on 9/25/11.

Surveys: 0.25 Deg. at 567'(Surface Casing); 0.75 Deg. at 4208'(DST #1); 0.75 Deg. at 4758'(DST #3); 1.50 Deg. at 4870' RTD.

Pipe Strap for DST #1: Strap 0.10' Short to the Board, no correction made to the Board.


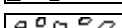
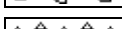
During Rig Service at 4164', the drawworks engine would not restart. Subsequently, the drillpipe became stuck. 50 Bbl. of oil was spotted on bottom, which freed the pipe and drilling operations resumed. The Gas Detector was affected by the oil in the mud system, resulting in a relatively high gas background/erratic gas readings throughout the remainder of the well.

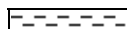

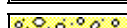

After review of the Halliburton Logs, DST data, structural position, and lease situation, the operator elected to set new 5 1/2" Production Casing for completion in the Kinderhook Sand and Mississippi Chert zones. Prior to abandonment of the well, the KC. 'I' zone should be perforated and tested from 4392' - 4396', and the Lansing 'A' zone should also be tested from 4190' - 4194'(Log depths).





LOG TOPS: Chase 2421(-226), Stotler Lmst. 3378(-1183), Howard 3579(-1384), Heebner Shale 4026(-1831), Toronto 4040(-1845), Brown Lmst. 4174(-1979), Lansing 'A' 4184(-1989), L/KC 'H' 4341(-2146), KC 'I' 4390(-2195), Swope 4481(-2286), Hertha 4537(-2342), Base Kansas City 4570(-2375), Marmaton 4612(-2417), Pawnee 4660(-2465), Cherokee Shale 4694(-2499), Miss. Chert 4733(-2538), Kinderhook Shale 4757(-2562), Kinderhook Sand 4786(-2591), Viola 4854(-2659).

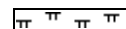
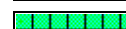

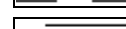
NOTE: This log was shifted upward by 3-4' for correlation purposes with the Halliburton LOGS.



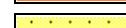

ROCK TYPES

	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
 - Breclfrag
 - 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

- Siltstrg
- Ssstrg

- STRINGER**
- Anhy
 - Arg
 - Bent
 - Coal
 - Dol
 - Gyp
 - Ls
 - Mrst

- 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

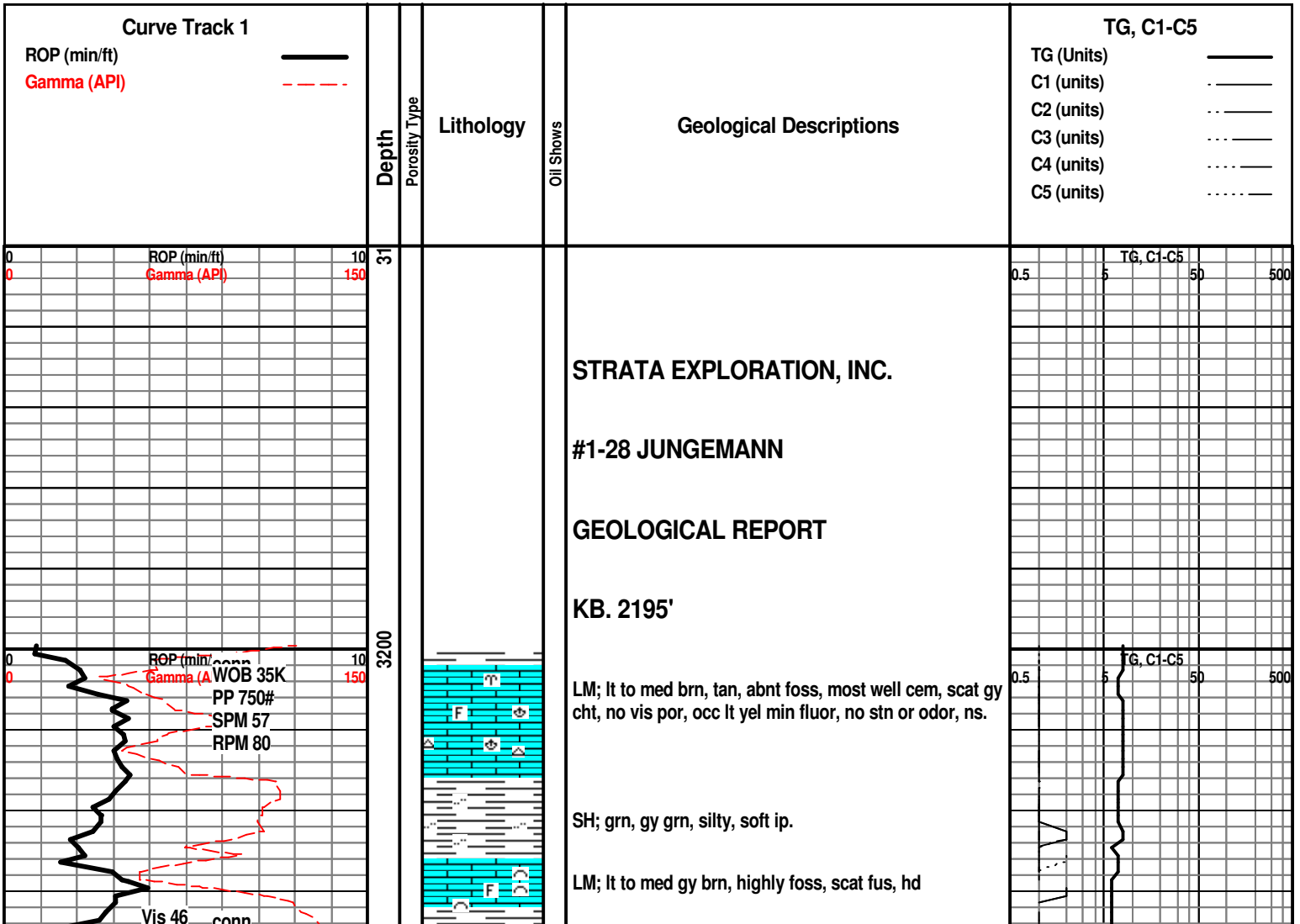
- ROUNDING**
- Rounded
 - Subrnd
 - Subang
 - Angular

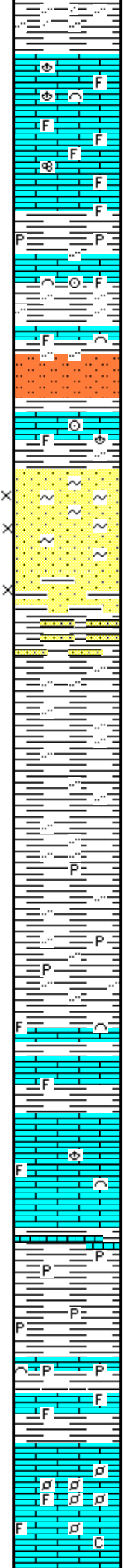
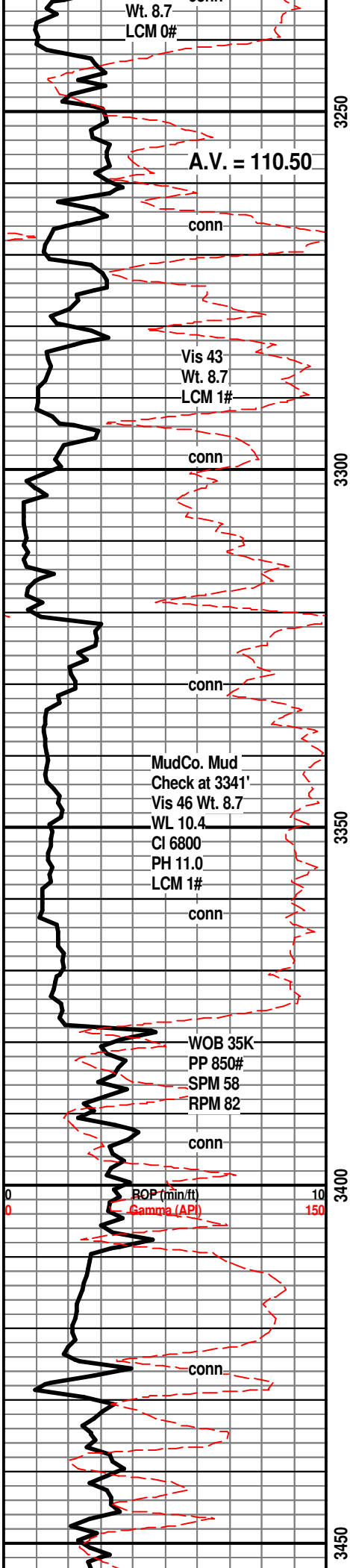
- Spotted
- Ques
- Dead

- EVENT**
- Rft
 - Sidewall

- OIL SHOW**
- Even

- INTERVAL**
- Core
 - Dst



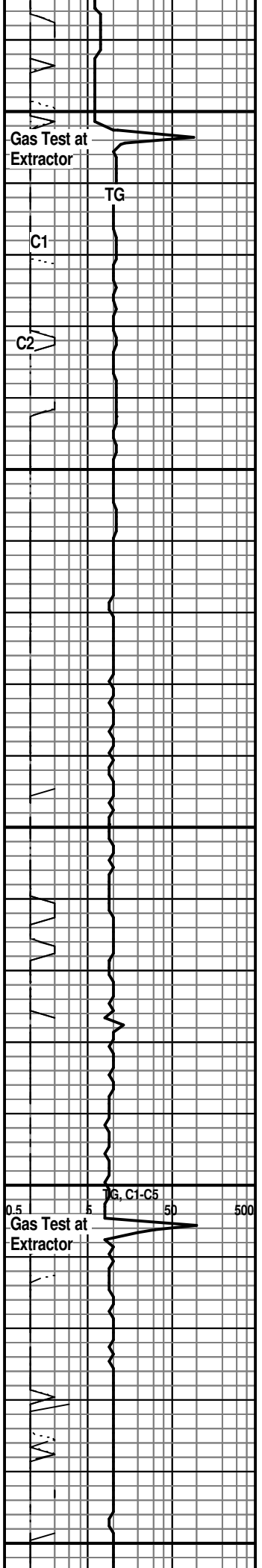


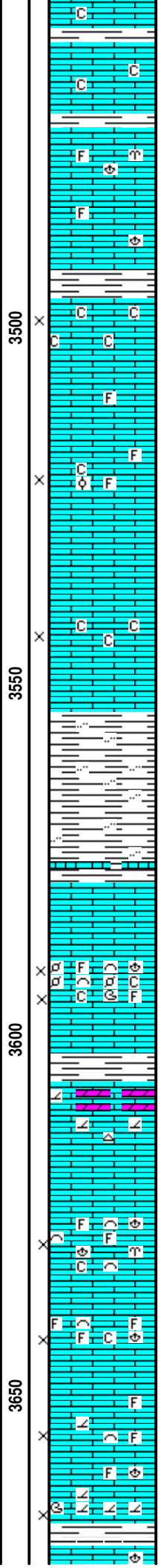
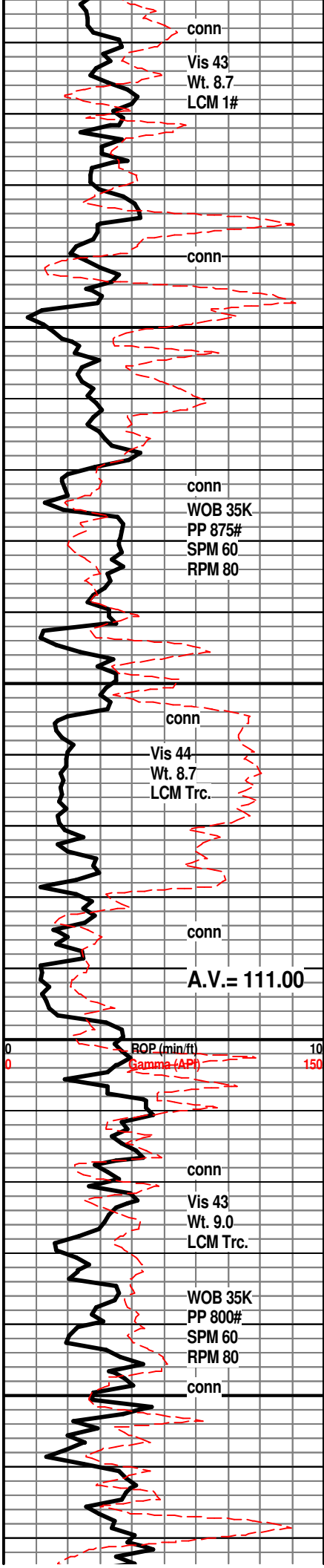
SH; lt to med gy, silty to sandy, firm to soft

WABAUNSEE 3242(-1047)
 LM; med gy brn, med brn, dense, blocky, scat well cem foss mat, occ lt yel min fluor, no stn or odor, no gas kick, ns.
 LM; off wh, tan, buff, foss, well cem, lt to occ med yel min fluor, minor chalky soft mtx, ns.
 SH; med to dk gy, pyr ip, firm
 LM; off wh to tan, lt brn, most dense, scat well cem foss, interbdd gy to dk gy grn occ silty shales, ns.
 SH; med gy to gy grn, silty, interbdd sltst, soft
 LM; med to dk brn, hd, foss ip, tite

LANGDON SS 3300(-1105)
 SS; lt gy, clr, pale grn, most f gr qtz, clusters, fri, gd intergran por, glau, rarely mica, some "salt and pepper gr", most well srt, subang - subrnd, no stn or odor, no gas kick, barren, ns.
 SS; brn, rust/brn, shaly ip, firm, most fri clusters, soft, no fluor, no stn or odor, ns.
 SH; med gy, fiss, interbdd hd gy lmy ss
 SH; most med gy, firm, occ silty
 SH; med to dk gy, rare gy grn, fiss - platy, occ silty
 SH; med gy to grn, firm, lmy ip, occ pyr

STOTLER LMST. 3378(-1183)
 LM; med to dk brn, gy brn, v. foss, abnt fus, well cem, dull yel min fluor, no stn, ns.
 LM; med to dk brn, dense, v. hd, blocky, tite
 LM; tan to cream, off wh, fxln, foss, most well cem, blocky, no vis por, dull to lt yel fluor, no stn or odor, no gas kick, ns.
 LM; med gy, v. hd, micritic, tite
 SH; med gy, grn, occ pyr, firm, lmy ip.
 LM; med to dk brn, hd, pyr, occ foss
 SH; med gy, firm, platy
 LM; off wh, tan to buff, foss - med xln, scat finely pelletal to fus. lmsst, lt yel fluor, no stn or odor, no gas kick, ns.





LM; off wh, cream, rare lt gy, minor soft chalky mtx, no vis por, no stn, ns.

LM; med gy, gy brn, scat well cem foss, spotted to even lt yel fluor, no vis por, no stn or gas kick, ns,

SH; lt gy to grn, soft, flakey

LM; off wh, f to med xln, gd interxln por, soft chalky mtx ip, lt yel fluor, no stn, no gas kick, ns.

LM; lt gy, gy brn, gran - cse xln, scat foss mat, fair interxln/interpart por, dull yel min fluor, no stn or odor, ns.

LM; tan to off wh, fxln, fair interxln por, soft chalky mtx, lt yel fluor, no stn or odor, no gas kick, ns.

SH; med gy to grn, fiss - flakey, soft ip, occ silty

SH; med gy, silty ip, firm

HOWARD 3579(-1384)
LM; med brn, dense, micritic, tite

LM; wh to off wh, fxln, abnt foss mat, soft, gd interpart and interxln por, minor soft chalky mtx, med yel min fluor, no stn or odor, no gas kick, ns.

SH; med to dk gy, firm

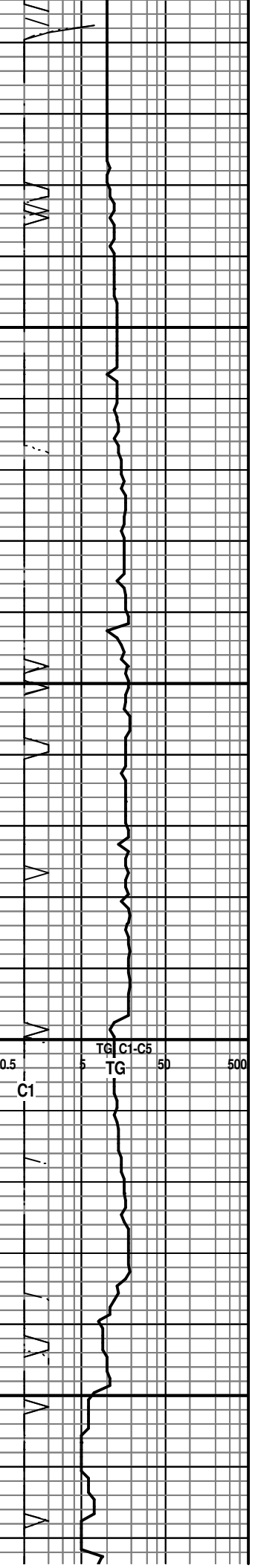
LM; tan to lt brn, buff, fxln to sucrosic, interbdd dolo/dolo. lmst, no vis por, trc wh cht, lt yel fluor, no stn or odor, ns.

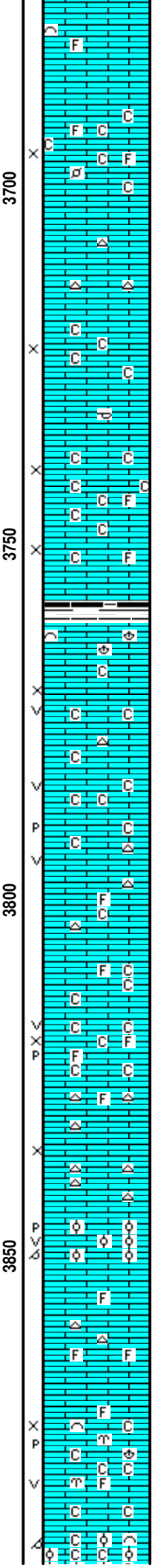
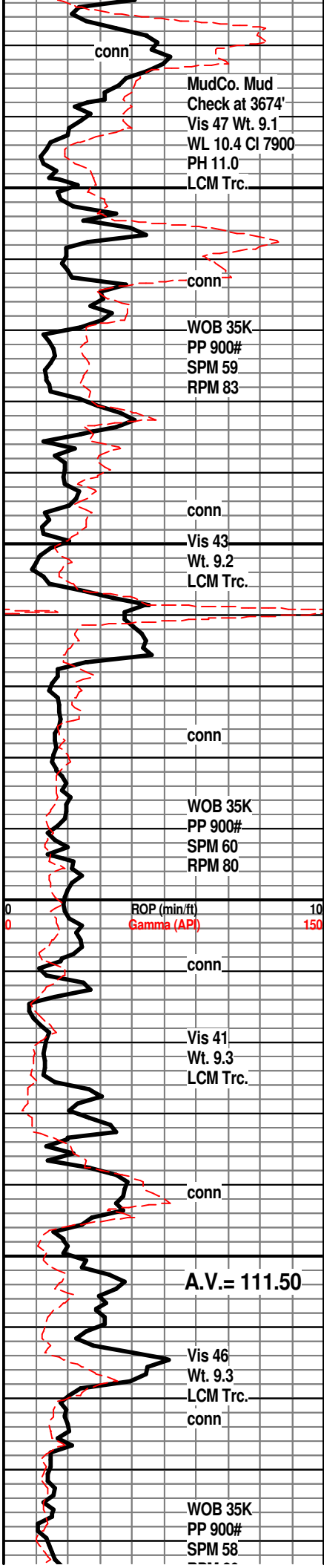
LM; tan to cream, off wh, highly foss, much foss hash, fair interpart por, minor soft chalky mtx, dull yel min fluor, no stn or odor, ns.

LM; tan to lt brn, fxln w/scat sucrosic text, scat foss mat, fair interxln /interpart por, dull yel min fluor only, no stn or odor, ns.

SH; dk gy, firm, platy

TOPEKA 3671(-1476)





LM; med to dk brn, foss ip, hd, tite

LM; off wh, wh, tan, f to med xln, fair to gd interxln por, scat foss mat, chalky mtx ip, dull yel to no fluor, no stn, ns.

LM; lt brn, tan, off wh, fxln, occ soft chalky mtx, fair interxln por, no stn, no gas kick, ns.

LM; tan to off wh, med to cse xln, gran text ip, gd interxln por, occ soft chalky mtx, dull yel min fluor only, no stn or odor, ns.

SH; dk gy, trc blk, platy

LM; med brn, gy brn, hd, foss, tite

LM; tan to off wh, buff, f to med xln, fair to poor vis interxln and small vug por, soft chalky mtx, rare gy foss cht, no fluor, no stn or odor, ns.

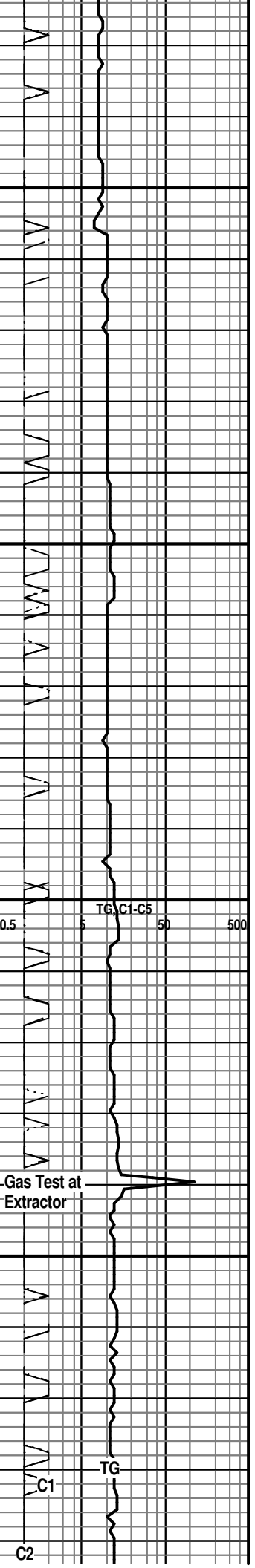
LM; tan to lt brn, med to occ cse xln, gran text ip, fair p-p and small vug por, minor chalky mtx, dull yel fluor, no stn, ns.

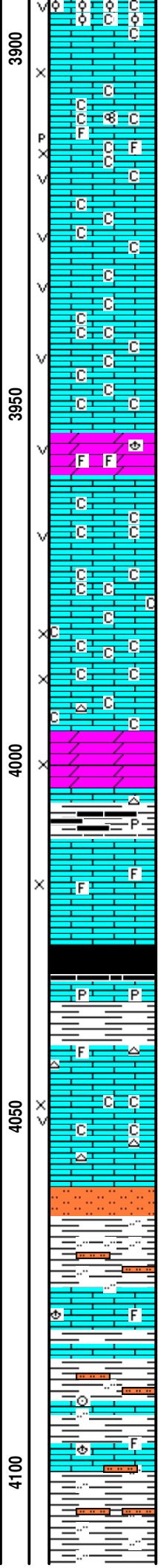
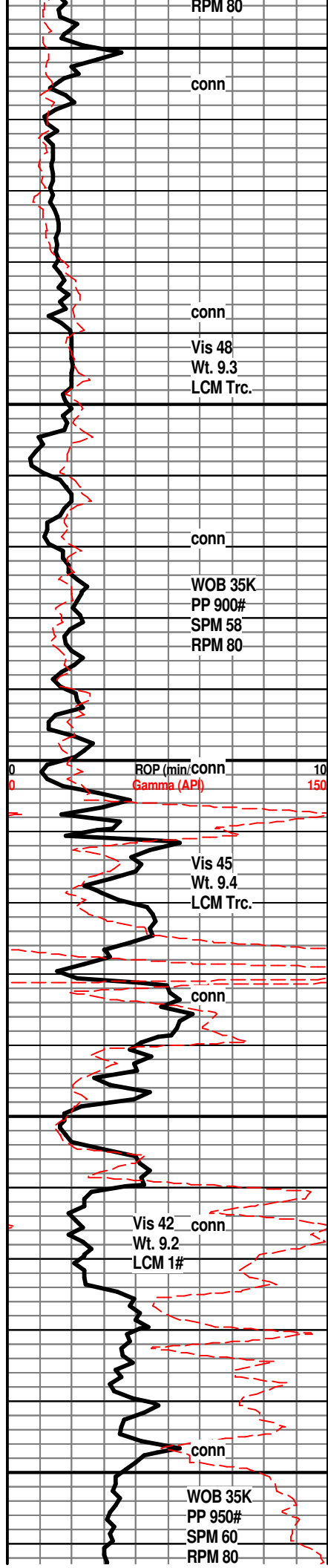
LM; off wh, cream, wh, f to med xln, rarely foss, fair to gd interxln w/p-p and small vug por, occ chalky mtx, no fluor, no stn or odor, ns.

LM; off wh, foss - oolitic, poor to fair oomoldic por, fair/gd p-p and vug por, lt yel fluor, no gas kick, ns.

LM; lt gy brn, lt brn, wh, med xln, scat foss mat, fair to gd vis interxln w/scat p-p / vug por, much soft chalky mtx, lt yel min fluor, no stn or odor, no gas kick, ns.

LM; tan to lt brn, buff, med to cse xln, foss, interbdd





oolitic lmst, fair interxln w/scat oomoldic por, chalky ip, lt yel min fluor, ns.

LM; tan to lt brn, buff, med xln, foss ip, fair interxln w/scat vug por, chalky mtx, no stn or odor, ns.

LM; tan to buff, off wh, f to med xln to gran text, fair vug por, much soft chalky mtx, dull yel fluor, no stn, ns.

DOL; tan to lt brn, sucrosic to finely rhombic, well dev. vug por, soft, lt yel min fluor, no stn or odor, foss ip, ns.

LM; tan to off wh, lt brn, med xln, scat cse opaque spar calc xtals, poor to fair interxln por, v. chalky w/much pure chalk, ns.

DOL; tan to lt brn, sucrosic to finely rhombic, lmy w/interbdd dolo. lmst, occ fair interxln por, chalky ip, lt yel min fluor, no stn vis, no odor, ns.

SH; dk gy to blk, platy, occ pyr

LM; tan to buff, lt brn, fxln, scat foss mat, poor vis interxln por, trc p-p por, dull yel min fluor, ns.

HEEBNER SHALE 4026(-1831)
SH; blk, carb ip, blocky to soft
LM; med brn, hd, micritic, occ pyr

TORONTO 4040(-1845)
LM; wh to off wh, foss, hd, occ wh/off wh cht

LM; wh, off wh, lt gy, med xln, fair vug and interxln por, chalky ip, dull yel min fluor, scat off wh cht, no stn or odor, no gas kick, ns.

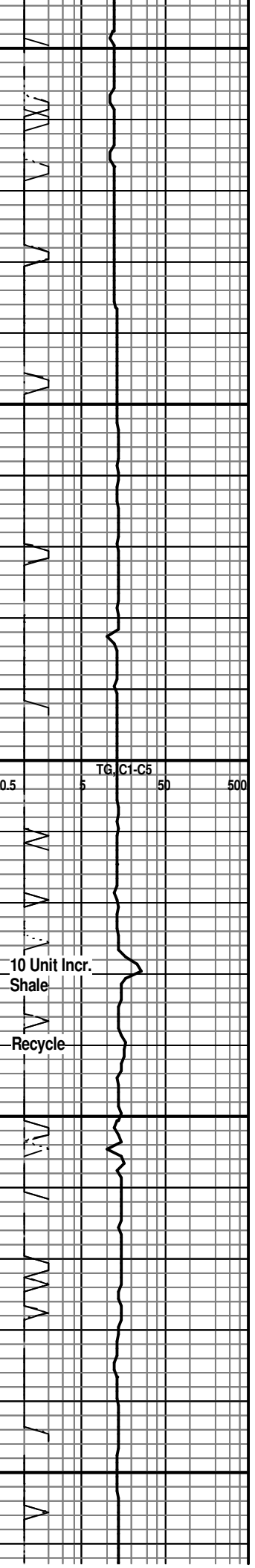
DOUGLAS SHALE 4060(-1865)
SH; lt gy, silty w/interbdd sltst, soft

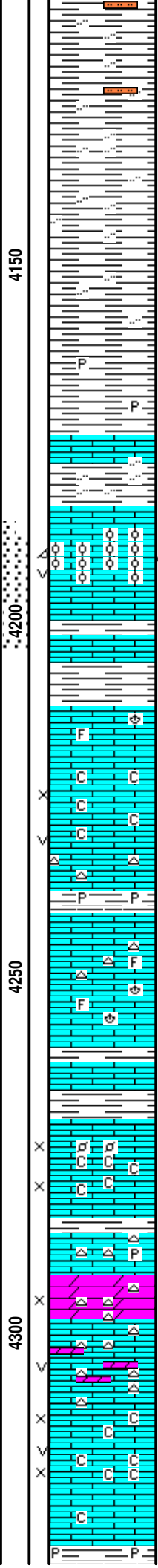
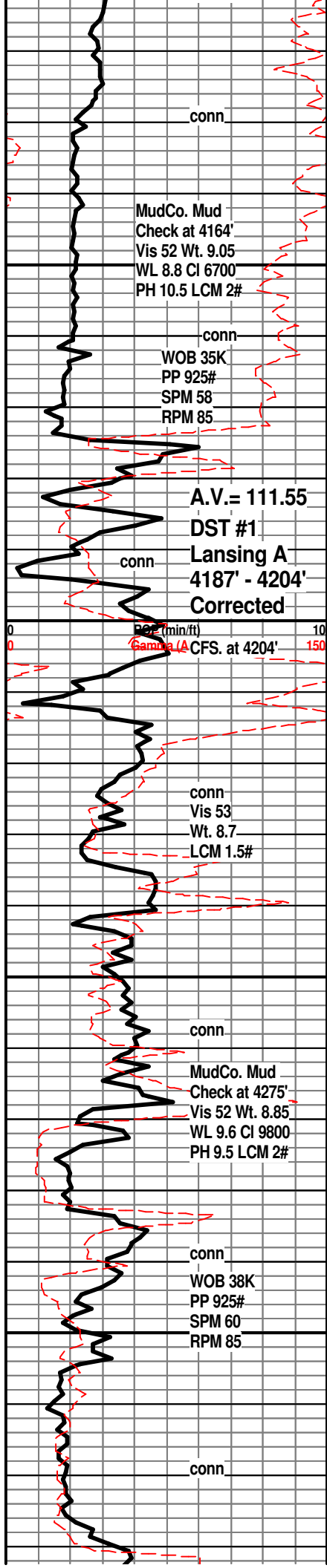
LM; med brn, foss ip, blocky, no vis por, dull to lt yel min fluor, no stn, ns.

SH; lt gy, pale grn, firm, occ mica sltst.

LM; med gy brn, hd, foss ip, tite

SH; lt to med gy, firm, occ silty w/ interbdd sltst.





SH; lt to med gy, rare gy grn, firm

SH; lt to med gy, firm, occ silty

Stuck pipe at 4164' - Spot 50 Bbl. Oil

SH; med gy, firm, occ pyr

BROWN LMST. 4174(-1979)

LM; med to dk brn, hd, foss ip, tite
SH; med gy to gy grn, soft, silty ip.

LANSING 'A' 4184(-1989)

LM; lt to med brn, oolitic, gd oomoldic w/vug por, med to brite yel fluor, much even med brn oil stn, gd odor, SFO, few gas bubbles, fair cut, some pcs. bleeding oil/gas

DST #1: Lansing 'A' 4187' - 4204' Corrected Depths to LOG

SH; lt gy, soft, platy

LANSING 'B' 4212(-2017)

LM; off wh, tan, foss, well cem, blocky, trc wh cht, dull yel min fluor, ns.

LM; lt gy, off wh, med xln, fair interxln w/scat vug por, occ soft chalky mtz, dull yel min fluor only, occ gy cht, no stn or odor, ns.

SH; med gy, firm, occ pyr

LM; tan to lt brn, buff, hd, most micritic, blocky, rarely foss, occ gy cht, no vis por, ns.

LM; lt brn, buff, foss ip, hd, scat cse spar calc xtals, dull yel min flour, ns.

SH; med gy, grn, platy

LM; off wh, wh, tan, f to med xln, scat finely pelletal -foss, fair interxln por, much soft chalky mtz, lt yel min fluor, no stn or odor, no gas kick, ns.

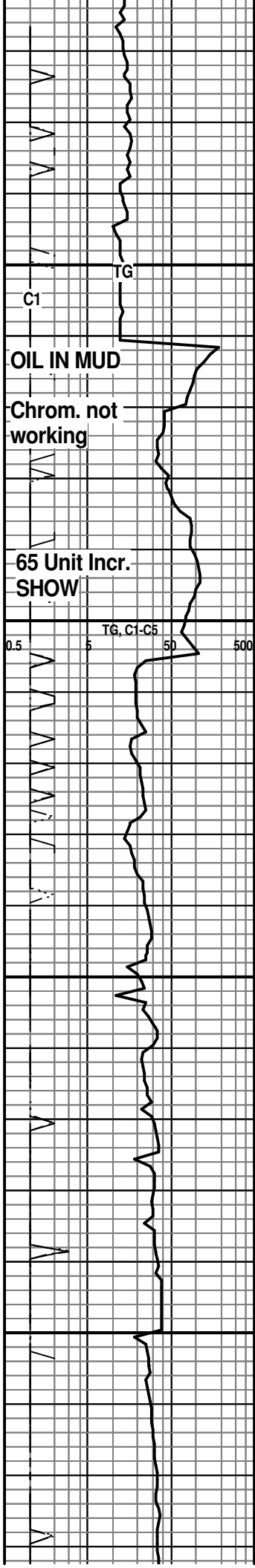
LM; tan to buff, lt brn, hd, occ cherty, pyr ip, tite

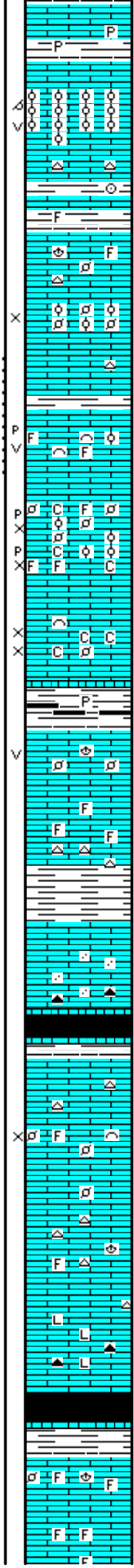
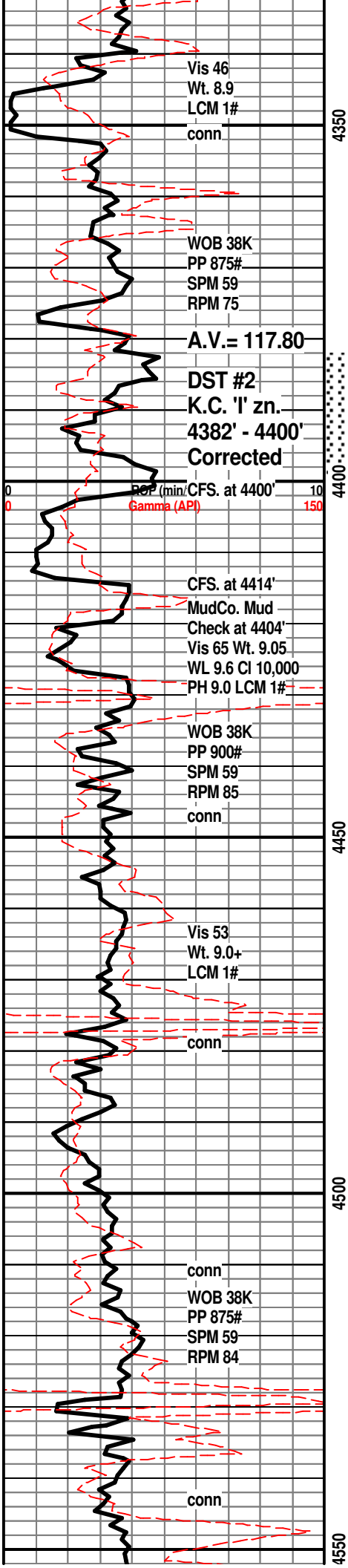
DOL; tan to lt brn, sucrosic, lmy ip, fair interxln por, scat lt gy cht, lt yel fluor, no stn or odor, ns.

LM; lt brn, buff, tan, sucrosic text, interbdd lmy dolo, fair interxln w/scat vug por, cherty ip, lt yel fluor, ns.

LM; off wh, tan, f to med xln, abnt cse opaque sparry calc, much soft chalk and chalky mtz, lt to dull yel min fluor, no stn, no gas kick, ns.

SH; med to dk av. firm. pyr in.





LM; med to dk brn, foss, hd, pyr ip.

LANS/KC. 'H' 4341(-2146)
 LM; tan to lt brn, oolitic, med to lrg molds, gd oomoldic and occ vug por, brittle, lt yel min fluor, no stn or odor, no gas kick, ns.
 LM; lt to med brn, hd, micritic, scat gy to off wh cht, tite

SH; med gy, foss ip, firm

LM; tan to buff, lt brn, most dense, scat well cem foss, hd, occ cherty, no vis por, ns.

LM; off wh, foss-finely pelletal, scat ooids, soft, fair interpart por, lt yel min fluor, no stn, ns.

K.C. 'I' 4390(-2195)
 LM; lt gy, tan, foss/gran, gd p-p w/some small vug/honeycomb por, brite yel fluor, gd odor, SSFO(light oil), few gas bubbles, fair to gd cut
DST #2: K.C. 'I' 4382' - 4400' (Corrected Depths to LOG)
 LM; tan to off wh, buff, highly foss - finely pelletal to oolitic, well dev. p-p and interpart por, minor chalky mtz, no odor, dull yel fluor, no vis stn, no cut, ns.

LM; off wh, buff, med xln, scat foss mat, fair interxln por, soft chalky mtz, dull yel min fluor, occ wh cht, no stn odor, ns.

SH; dk gy to blk, platy, firm, occ pyr

K.C. 'J' DENNIS 4435(-2240)
 LM; tan to lt brn, foss ip, most well cem, scat fair to poor vug por, dull yel fluor, no vis stn, no odor, no gas kick, ns.
 LM; tan to lt brn, scat foss, most dense - micritic, blocky, occ lt gy fresh cht, no vis por, no stn or odor, ns.

SH; med gy to gy grn, platy, smooth

LM; med brn to med gy, hd, gritty to sandy text ip, scat dk gy to smoky cht, no vis por, ns.

STARK SHALE 4475(-2280)
 SH; blk, carb ip, platy

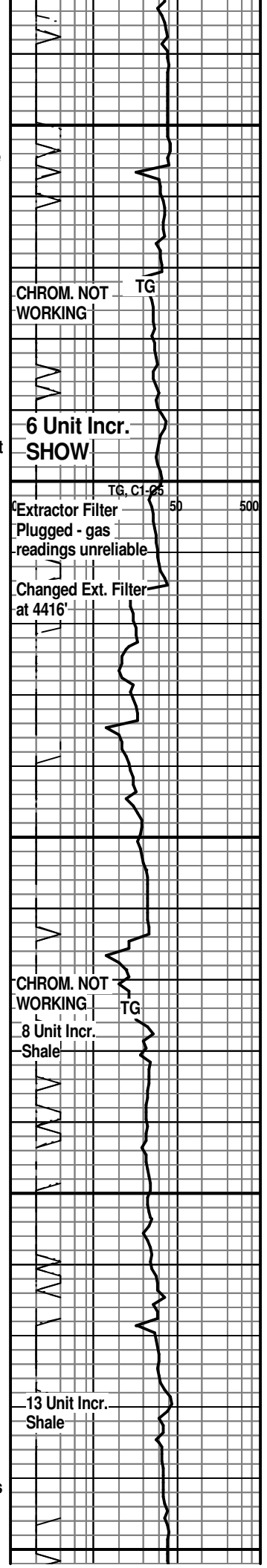
SWOPE 4481(-2286)
 LM; lt gy to lt brn, fxln, scat foss mat, poor interpart por, occ gy cht, lt yel min fluor, no stn or odor, no gas kick, ns.

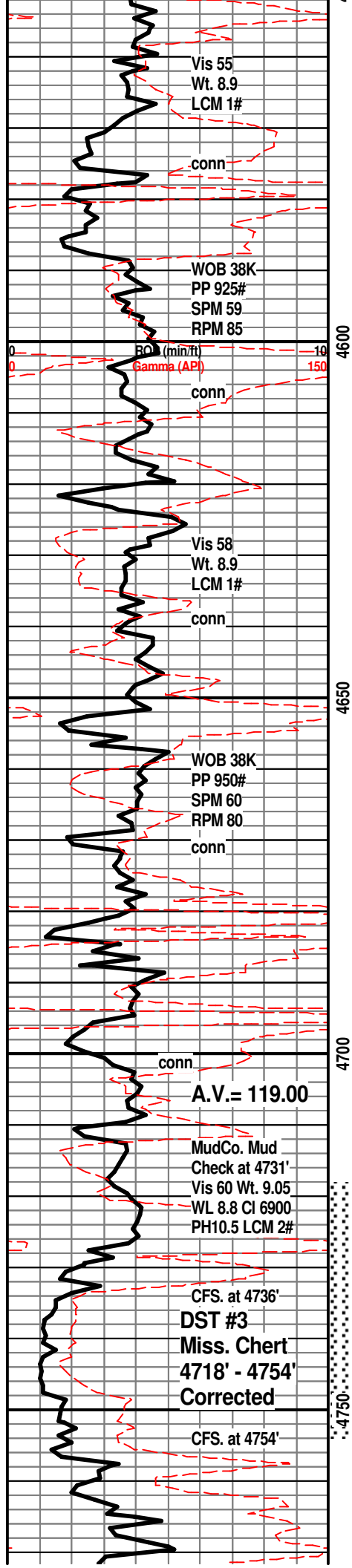
LM; tan to buff, off wh, fxln, occ foss, well cem, scat off wh to lt gy cht, no vis por, no stn or odor, ns.

LM; lt to med brn, most dense, micritic to litho, hd, occ smokey/dk gy cht, ns.

SH; blk, carb ip, , platy to blocky, trc gas

HERTHA 4537(-2342)
 LM; tan to lt brn, buff, foss ip, most well cem, hd, no vis por, no stn or odor, ns.





Vis 55
Wt. 8.9
LCM 1#

WOB 38K
PP 925#
SPM 59
RPM 85

Vis 58
Wt. 8.9
LCM 1#

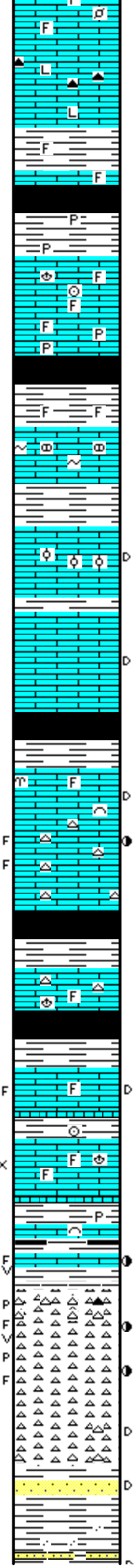
WOB 38K
PP 950#
SPM 60
RPM 80

A.V.= 119.00

MudCo. Mud
Check at 4731'
Vis 60 Wt. 9.05
WL 8.8 Cl 6900
PH10.5 LCM 2#

CFS. at 4736'
DST #3
Miss. Chert
4718' - 4754'
Corrected

CFS. at 4754'



LM; tan to dk brn, foss ip, most dense, blocky, no vis por, dull yel min fluor, no stn or odor, ns.

LM; med to dk brn, hd, litho, scat dk gy cht, tite

BASE KANSAS CITY 4570(-2375)

SH; dk gy, blk, platy, interbdd brn foss hd lmst

SH; grn, gy grn, interbdd dk gy - blk, fiss, occ pyr

PLEASANTON 4588(-2393)

LM; med brn, med gy, dense, scat foss mat, well cem, blocky, no vis por, ns.

LM; tan to lt gy, foss ip, hd, blocky, scat pyr, tite

SH; med to dk gy, blk, grn, flakey

MARMATON 4612(-2417)

LM; med brn, pale grn tint, glau ip, some nodular, hd, no vis por, ns.

LM; tan to lt brn, fxln, scat well cem foss/oolites, few pcs w/blk dead tarry oil, occ med to brite yel fluor, no live shows

LM; tan to lt brn, buff, fxln to micritic, no vis por, no fluor, trc blk tarry dead oil, tite

SH; blk, dk gy, gy grn, platy

PAWNEE 4660(-2465)

LM; tan to lt brn, scat foss, most dense, occ blk dead tarry oil residue, no vis por, no live shows

LM; tan to lt brn, buff, foss ip, cherty, scat fracs w/faint oil stn on frac faces, spotted med brn stn, occ med to brite yel fluor, fair/faint odor

SH; blk, platy, soft to firm, pyr ip.

LM; lt to med brn, scat foss, hd, blocky, no vis por, occ cherty, tite, ns.

CHEROKEE SHALE 4694(-2499)

SH; blk to dk gy, firm

LM; tan to lt brn, buff, fxln, scat foss mat, dull yel fluor, trc fracs w/blk resid oil, faint odor(poss. slough), lt yel fluor, no gas kick

LM; tan to lt brn, foss, scat poor interpart por, most dense, blocky, dull yel min fluor, no stn or odor, ns.

LM; med brn, fxln, fracs w/trc vug por, blk - tarry oil on frac faces, dull/lt yel fluor, no odor

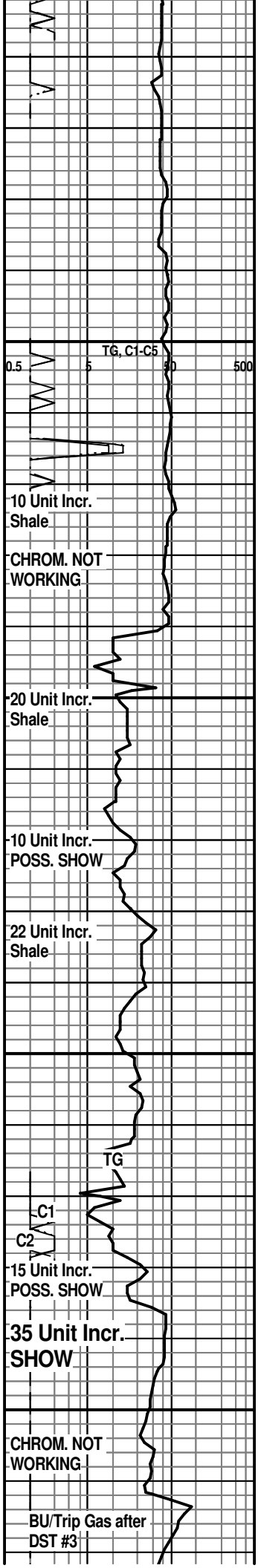
MISSISSIPPI CHERT 4733(-2538)

CHT; wh, off wh, fresh and trip, fracs w/fair p-p/small vug por, spotted med brn live oil stn, occ blk tar/gilsonite, Trc. FO, few gas bubbles, faint odor, spotty med/brite yel fluor, fair cut, incr. amt of fresh cht at base - few fracs

DST #3: Cher/Miss. 4718' - 4754'
Corrected Depths to LOG

KINDERHOOK SHALE 4757(-2562)

SH; med gy to grn, platy, interbdd lt gy to pale grn vf to f gr qtz ss, scat blk tar/dead oil in ss, no live shows, scat cse rnd qtz gr



TG, C1-C5

10 Unit Incr. Shale

CHROM. NOT WORKING

20 Unit Incr. Shale

10 Unit Incr. POSS. SHOW

22 Unit Incr. Shale

C1
C2

15 Unit Incr. POSS. SHOW

35 Unit Incr. SHOW

CHROM. NOT WORKING

BU/Trip Gas after DST #3

Vis 60
Wt. 9.0
LCM 2#

A.V. = 119.00

DST #4
Kind. SS.
4788' - 4806'

ROP (min) Corrected

Gamma (A₁)

CFS. at 4806'

MudCo. Mud
Check at 4810'
Vis 56 Wt. 8.9
WL 9.2 Cl 8200
PH 10.5 LCM 1#

conn

Vis 67
Wt. 8.8
LCM 1#

conn

CFS. at RTD.
Vis 59
Wt. 9.0
LCM 1#

SH; med gy, rare brite sea grn, waxy ip, firm, occ silty to sandy

KINDERHOOK SS 4786(-2591)

SS; lt gy, lt/med brn(oil stn), f gr qtz, well srt, fri clusters, fair/gd intergran por, even med brn live oil stn/occ blk tarry dead oil flakes, gd odor, brite yel fluor, SFO, strm cut, occ oil saturation, few gas bubbles, slow HCL reaction, occ glau

SS; lt brn, f gr qtz, well srt, most w/even med brn stn, SFO, gd odor, trc gas, fair intergran por, brite yel fluor, rare glau, trc wh unstained ss

DST #4: Kinderhook SS 4788' - 4806'
Corrected Depths to LOG

SS; wh, pale grn, f gr qtz, soft ip, gd intergran por, scat glau, fri, no stn or odor, no gas kick, barren, ns.

CHT and SS; wh, off wh, hd - sharp, siliceous dense ss and cht, tite, no stn or odor, ns.

LM; med gy, gy brn, sandy, hard, occ well cem ss, dense

SH; grn, waxy ip, soft varic rust/red, washes red

VIOLA 4854(-2659)

LM; med brn, gritty, dolomitic, interbdd varic hd fresh cht, red, yel, off wh, dove gy, no vis por, ns.

RTD. 4870' at 4:50 AM. 9/24/11

LTD. 4866'

Halliburton DIL, NEU/DEN, Microlog,
MIRL

NOTE: This log shifted upward by 3' to 4' for correlation purposes with the Halliburton LOGS.

Recycle

60 Unit Incr.
SHOW

30 Unit Incr.
SHOW

18 Unit Incr.
POSS. SHOW

50

4900

4850

4800



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Strata Exploration Inc.

Jungemann#1-28

P.O.Box 401
Fairfield Il.62837

28-27s-18w Kiowa Ks.

ATTN: Jon Christensen

Job Ticket: 43969

DST#: 1

Test Start: 2011.09.19 @ 21:27:28

GENERAL INFORMATION:

Formation: **Lansing A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:40:28

Time Test Ended: 04:25:58

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4191.00 ft (KB) To 4208.00 ft (KB) (TVD)

Reference Elevations: 2195.00 ft (KB)

Total Depth: 4208.00 ft (KB) (TVD)

2184.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8167 Inside

Press @ Run Depth: 45.22 psig @ 4192.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.19

End Date: 2011.09.20

Last Calib.: 2011.09.20

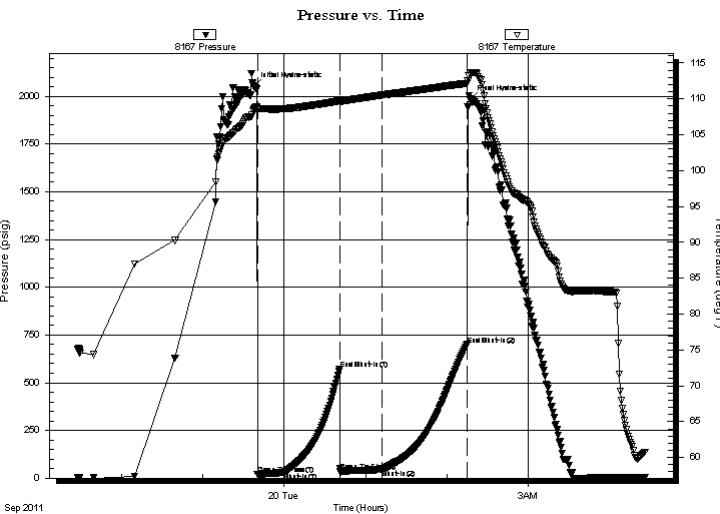
Start Time: 21:27:33

End Time: 04:25:57

Time On Btm: 2011.09.19 @ 23:37:43

Time Off Btm: 2011.09.20 @ 02:17:13

TEST COMMENT: IF: Fair blow .5 - 13".
IS: No blow.
FF: Weak blow . Slow increase to 5 1/2".
FS: No blow.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2050.51	108.58	Initial Hydro-static
3	18.84	108.56	Open To Flow (1)
23	29.77	108.63	Shut-In(1)
63	571.38	109.75	End Shut-In(1)
64	33.81	109.67	Open To Flow (2)
95	45.22	110.53	Shut-In(2)
158	698.91	112.19	End Shut-In(2)
160	1983.02	113.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCM 4%o 96%m	0.30
0.00	180 ft.of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

Jungemann#1-28

P.O.Box 401
Fairfield Il.62837

28-27s-18w Kiowa Ks.

Job Ticket: 43969

DST#: 1

ATTN: Jon Christensen

Test Start: 2011.09.19 @ 21:27:28

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:

6700 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6700.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	SOCM 4%o 96%m	0.295
0.00	180 ft.of GIP	0.000

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

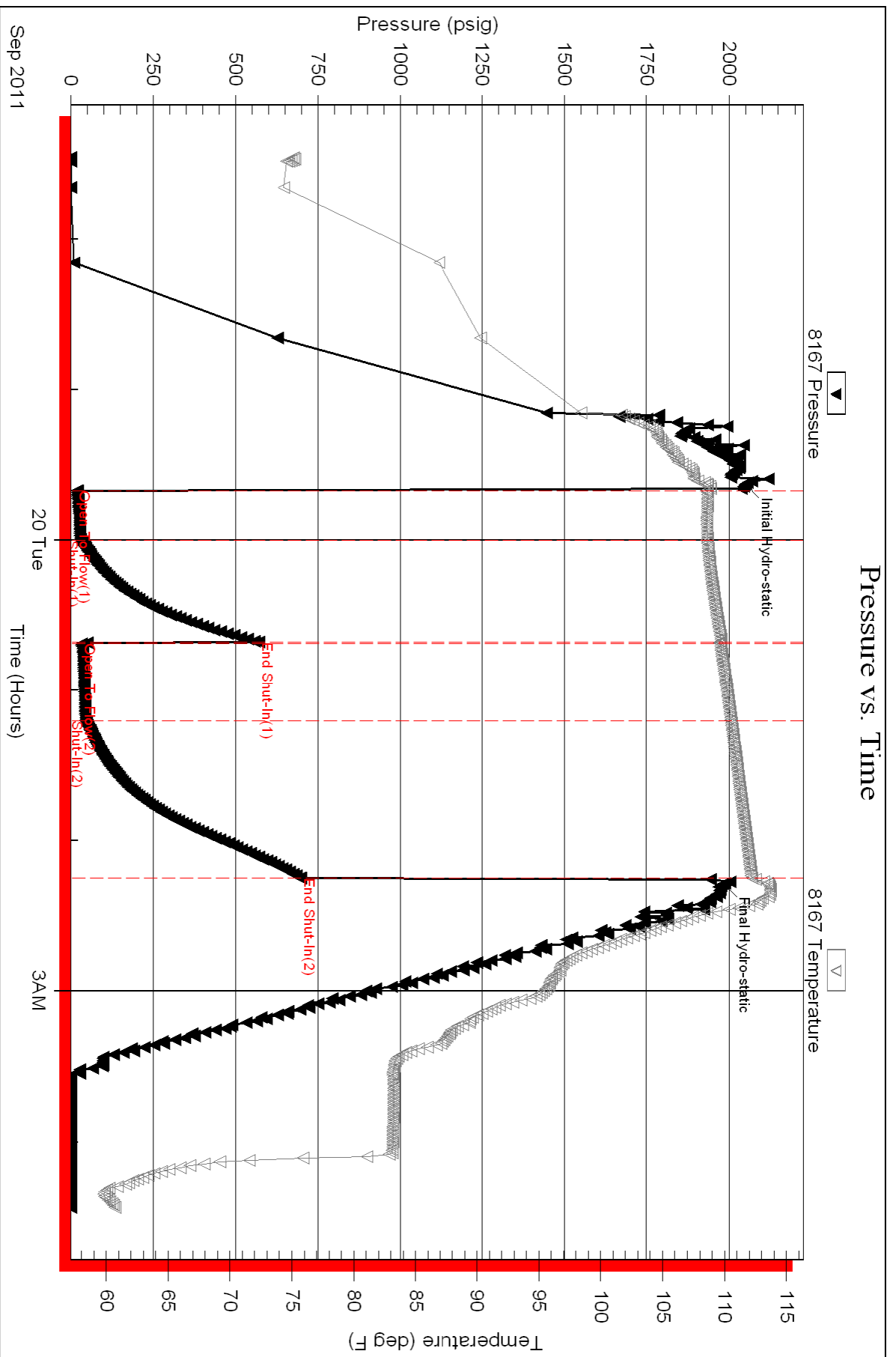
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration Inc.

Jungemann#1-28

P.O.Box 401
Fairfield Il.62837

28-27s-18w Kiowa Ks.

ATTN: Jon Christensen

Job Ticket: 43970

DST#: 2

Test Start: 2011.09.20 @ 22:53:46

GENERAL INFORMATION:

Formation: **Lansing I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:10:31

Time Test Ended: 06:24:01

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4386.00 ft (KB) To 4404.00 ft (KB) (TVD)

Reference Elevations: 2195.00 ft (KB)

Total Depth: 4404.00 ft (KB) (TVD)

2184.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8167 Inside

Press @RunDepth: 37.48 psig @ 4387.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.20

End Date:

2011.09.21

Last Calib.: 2011.09.21

Start Time: 22:53:51

End Time:

06:24:00

Time On Btm: 2011.09.21 @ 01:08:46

Time Off Btm: 2011.09.21 @ 04:31:16

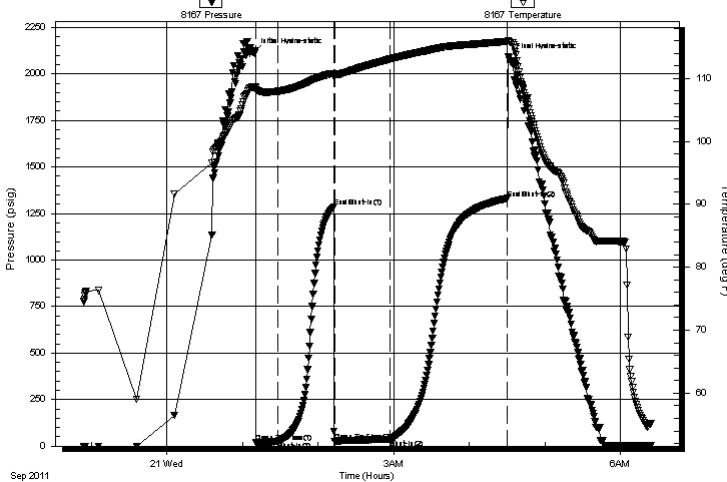
TEST COMMENT: IF:Weak blow . 1/4 - 1 1/4".

IS:No blow .

FF:Weak to fair blow . 1/2 - 5 1/2".

FS:No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2114.06	108.63	Initial Hydro-static
2	18.15	108.12	Open To Flow (1)
19	25.31	107.96	Shut-In(1)
64	1286.19	110.82	End Shut-In(1)
65	25.92	110.58	Open To Flow (2)
109	37.48	113.08	Shut-In(2)
201	1331.05	115.89	End Shut-In(2)
203	2086.91	115.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	SOCM 2%o 98%m	0.15
0.00	150 ft.of GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

Jungemann#1-28

P.O.Box 401
Fairfield Il.62837

28-27s-18w Kiowa Ks.

Job Ticket: 43970

DST#: 2

ATTN: Jon Christensen

Test Start: 2011.09.20 @ 22:53:46

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:

9800 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9800.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	SOCM 2%o 98%m	0.148
0.00	150 ft.of GIP	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

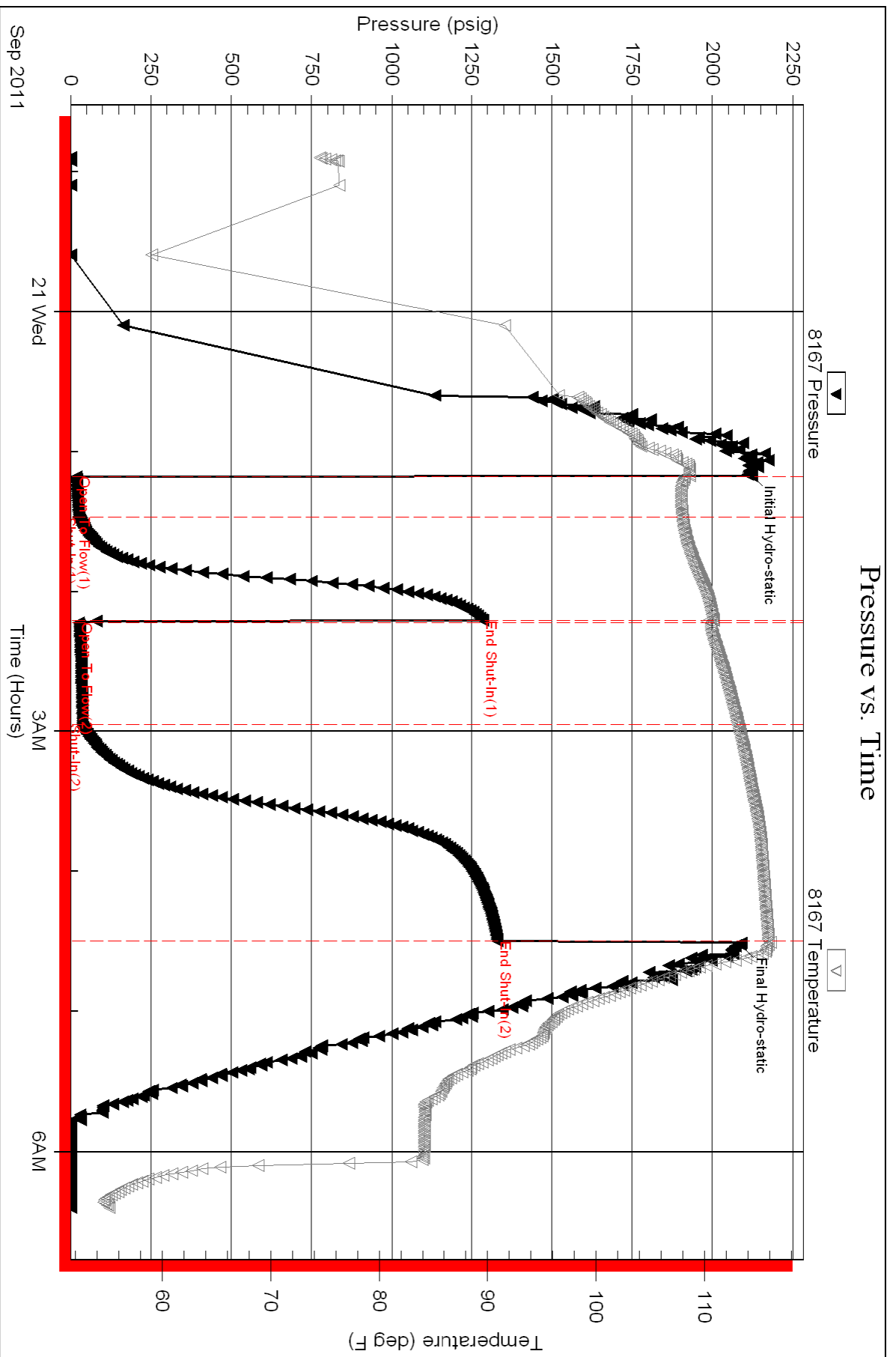
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration Inc.

Jungemann#1-28

P.O.Box 401
Fairfield Il.62837

28-27s-18w Kiowa Ks.

ATTN: Jon Christensen

Job Ticket: 43971

DST#: 3

Test Start: 2011.09.22 @ 16:52:58

GENERAL INFORMATION:

Formation: **Cherokee/Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:21:43

Time Test Ended: 00:58:13

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4722.00 ft (KB) To 4758.00 ft (KB) (TVD)

Reference Elevations: 2195.00 ft (KB)

Total Depth: 4758.00 ft (KB) (TVD)

2184.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8167

Inside

Press @RunDepth: 27.38 psig @ 4723.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.22

End Date:

2011.09.23

Last Calib.: 2011.09.23

Start Time: 16:53:03

End Time:

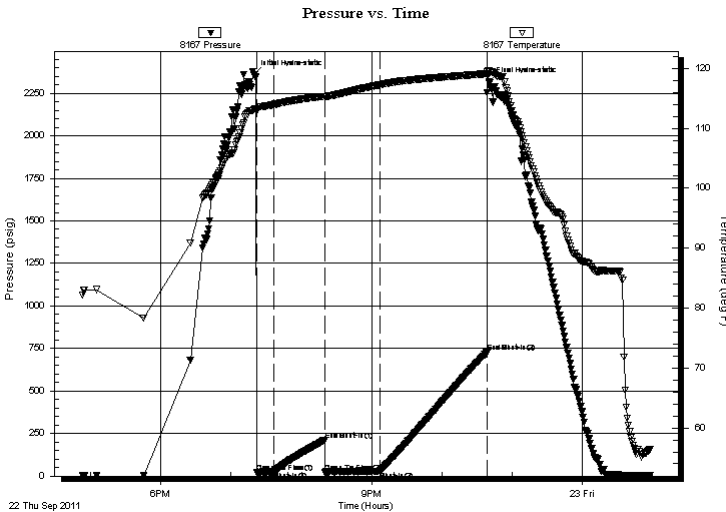
00:58:12

Time On Btm: 2011.09.22 @ 19:19:43

Time Off Btm: 2011.09.22 @ 22:40:28

TEST COMMENT: IF:Weak to fair blow . Increase to 10".
IS:No blow .
FF:Fair to strong blow . B.O.B. in 23 mins.
FS:No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2359.70	113.07	Initial Hydro-static
2	21.19	112.75	Open To Flow (1)
17	25.34	113.96	Shut-In(1)
60	212.56	115.35	End Shut-In(1)
61	22.23	115.32	Open To Flow (2)
108	27.38	117.27	Shut-In(2)
199	726.47	119.11	End Shut-In(2)
201	2319.48	119.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	Mud w a few o specs	0.17
0.00	340 ft.of GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

Jungemann#1-28

P.O.Box 401
Fairfield Il.62837

28-27s-18w Kiowa Ks.

Job Ticket: 43971

DST#: 3

ATTN: Jon Christensen

Test Start: 2011.09.22 @ 16:52:58

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:

6900 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6900.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
35.00	Mud w a few o specs	0.172
0.00	340 ft.of GIP	0.000

Total Length: 35.00 ft Total Volume: 0.172 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

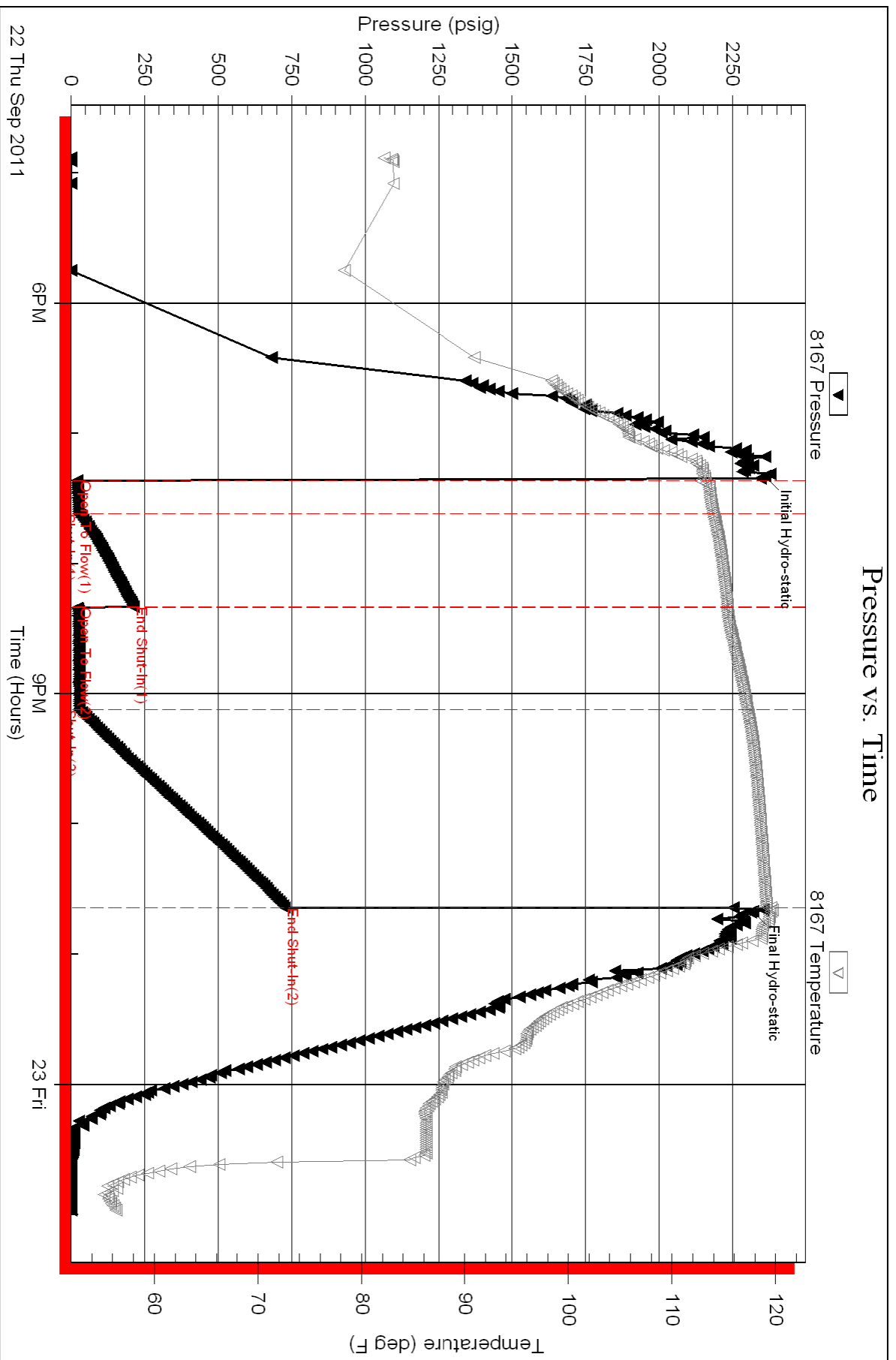
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration Inc.

Jungemann#1-28

P.O.Box 401
Fairfield Il.62837

28-27s-18w Kiowa Ks.

ATTN: Jon Christensen

Job Ticket: 43972

DST#: 4

Test Start: 2011.09.23 @ 12:15:46

GENERAL INFORMATION:

Formation: **Kinderhook**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:08:46

Time Test Ended: 20:07:46

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4792.00 ft (KB) To 4810.00 ft (KB) (TVD)

Reference Elevations: 2195.00 ft (KB)

Total Depth: 4810.00 ft (KB) (TVD)

2184.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8167 Inside

Press @RunDepth: 30.40 psig @ 4793.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.23

End Date: 2011.09.23

Last Calib.: 2011.09.23

Start Time: 12:15:51

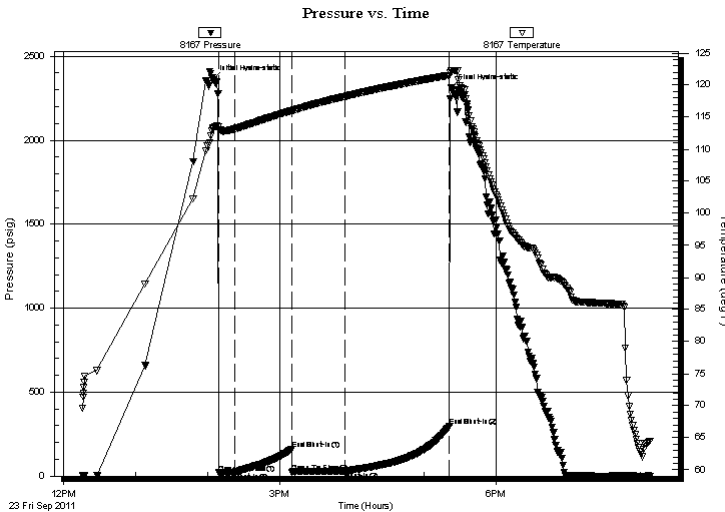
End Time: 20:07:45

Time On Btm: 2011.09.23 @ 14:04:16

Time Off Btm: 2011.09.23 @ 17:22:31

TEST COMMENT: IF:Weak blow . 1/2 - 2".
IS:No blow .
FF:Weak blow . 1 - 2 1/2".
FS:No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2360.67	113.20	Initial Hydro-static
5	19.31	112.98	Open To Flow (1)
19	23.79	113.17	Shut-In(1)
66	159.58	116.01	End Shut-In(1)
66	23.28	116.00	Open To Flow (2)
110	30.40	118.22	Shut-In(2)
197	297.09	121.54	End Shut-In(2)
199	2310.02	122.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCM <1% 99% m/clean oil @ top of tool	0.30
0.00	95 ft. of GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

Jungemann#1-28

P.O.Box 401
Fairfield Il.62837

28-27s-18w Kiowa Ks.

Job Ticket: 43972

DST#: 4

ATTN: Jon Christensen

Test Start: 2011.09.23 @ 12:15:46

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:

8200 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8200.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	SOCM <1%o 99%m /clean oil@top of tool	0.295
0.00	95 ft.of GIP	0.000

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

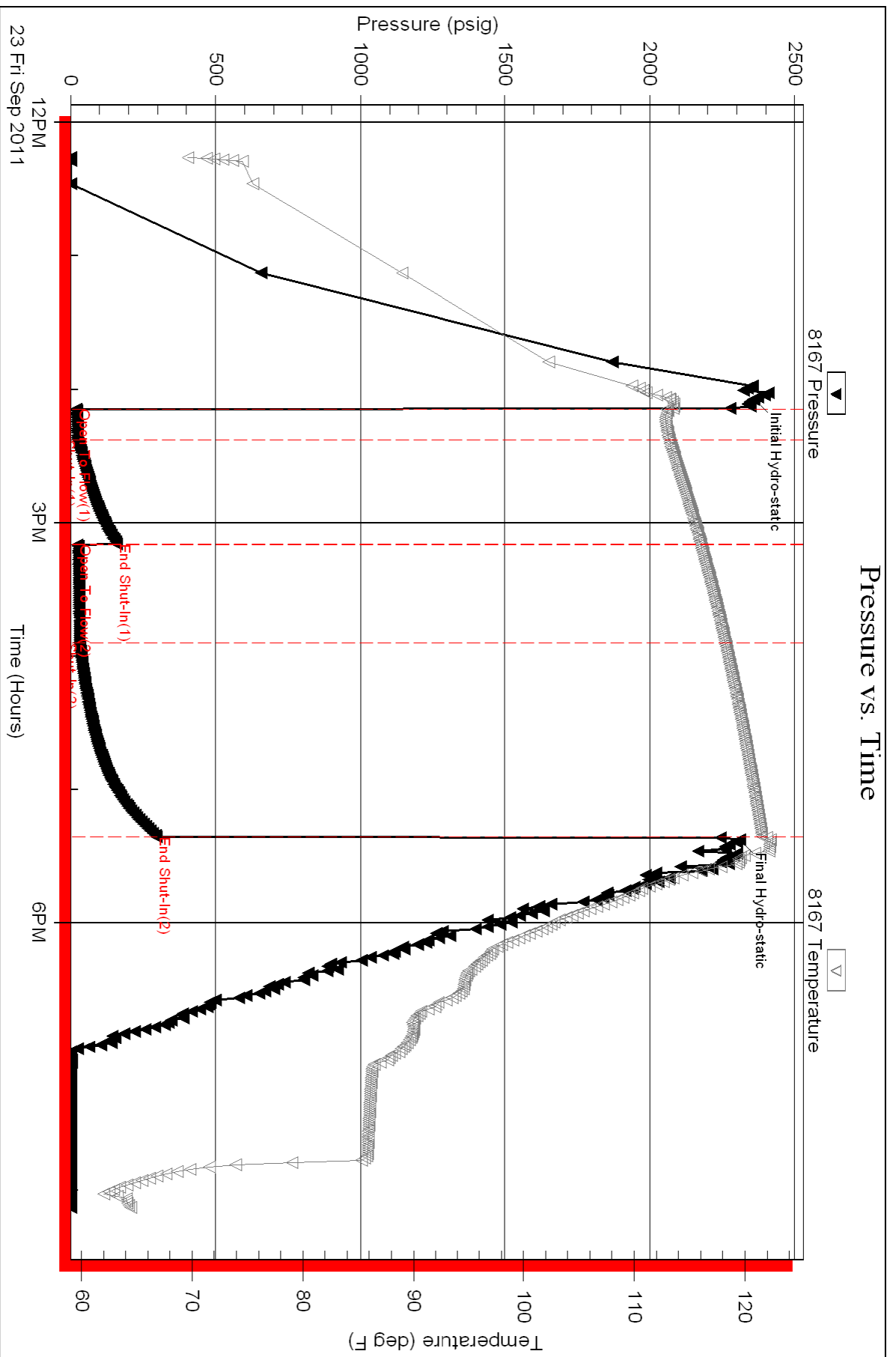
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





PAGE 1 of 1	CUST NO 1004072	INVOICE DATE 09/28/2011
INVOICE NUMBER 1718 - 90712023		

PAID
10-20-11
FNB SA 7652

Pratt (620) 672-1201
 B STRATA EXPLORATION
 I PO Box: 401
 L FAIRFIELD
 L IL US 62837
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Jungeman 1-28
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40375622	19905		Net - 30 days	10/28/2011

For Service Dates: 09/25/2011 to 09/25/2011

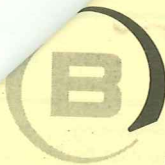
0040375622

171804454S Cement-New Well Casing/Pi 09/25/2011
 5 1/2" Longstring

LEASE 10/	JUNGEMAN 1-28		LEV 5	P/P 10/10
DES CEMENT	LONG STRINGS		A/P 10/17	
DRL	COM	LOE	G/L	D/D
	X		73551/11625 73	

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
50/50 POZ	200.00	EA	8.69	1,737.90 T
60/40 POZ	50.00	EA	9.48	473.97 T
Cello-flake(POLEFLAKE-C)	50.00	EA	2.92	146.14 T
Cal-Set	840.00	EA	0.59	497.67 T
FLA-322	84.00	EA	5.92	497.67 T
KCL Potassium Chloride	453.00	EA	1.18	536.78 T
Gilsonite	1,200.00	EA	0.53	635.12 T
Mud Flush	1,000.00	EA	0.68	679.36 T
CS-1 KCL Substitute	5.00	EA	27.65	138.24 T
Latch Down Plug & Baffle 5 1/2"(Blue)	1.00	EA	315.98	315.98
Auto Fill Float shoe 5 1/2"(Blue)	1.00	EA	284.38	284.38
Turbolizer 5 1/2"(Blue)	12.00	EA	86.90	1,042.74
5 1/2" Basket(Blue)	2.00	EA	229.09	458.17
Cement Scratchers Cable Type 5 1/2"	6.00	EA	59.25	355.48
Heavy Equipment Mileage	60.00	MI	5.53	331.78
Proppant and Bulk Delivery Charges	317.00	MI	1.26	400.67
Blending & Mixing Service Charge	250.00	MI	1.11	276.48
Unit Mileage Charge-Pickups, Vans & Cars	30.00	HR	3.36	100.72
Depth Charge; 4001-5000'	1.00	HR	1,990.72	1,990.72
Plug Container Utilization Charge	1.00	EA	197.49	197.49
Supervisor	1.00	HR	138.24	138.24

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	11,235.70
BASIC ENERGY SERVICES,LP	BASIC ENERGY SERVICES,LP	TAX	390.03
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	11,625.73 ✓
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET

1718 04454 SA

DATE _____ TICKET NO. _____

DATE OF JOB: 9-25-11		DISTRICT: KANSAS		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER: Strata Exploration				LEASE: Jungemann #1-28		WELL NO.:			
ADDRESS:				COUNTY: Kiowa-28-27-17		STATE: KANSAS			
CITY:				STATE:		SERVICE CREW: Allen, Mike, Steve			
AUTHORIZED BY:				JOB TYPE: 5 1/2" Long String					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
#28443 P.U.	2.15						9-24-11	AM	600
19903-19905	2.15					ARRIVED AT JOB	9-25-11	AM	1200
19960-19918	2.15					START OPERATION	9-25-11	AM	830
						FINISH OPERATION	9-25-11	AM	1045
						RELEASED	9-25-11	AM	1150
						MILES FROM STATION TO WELL			30-miles

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: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP104	50/50 Poz	SK	200		\$ 2,200.00
CP103	60/40 Poz	SK	50		\$ 600.00
CC102	cell FLAKE	lb	50		\$ 85.00
CC113	cal-set	lb	840		\$ 630.00
CC129	FIA-322	lb	84		\$ 630.00
C700	KCL (Potassium Chloride)	lb	453		\$ 679.50
CC201	Gilsonite	lb	1200		\$ 204.00
CF607	Latch Down Plug + Baffle 5 1/2" Blue	EA	1		\$ 400.00
CF1251	Auto Fill Float Shoe 5 1/2" Blue	EA	1		\$ 360.00
CF1651	Turbolizer 5 1/2" Blue	EA	1		\$ 1320.00
CP2001	cement scratchers cable Type 5 1/2"	EA	6		\$ 450.00
CP1901	5 1/2" Basket Blue	EA	2		\$ 580.00
CC151	Mud Flush	gal	1000		\$ 860.00
C704	CS-11 KCL sub.	gal	5		\$ 125.00

CHEMICAL / ACID DATA:

SUB TOTAL

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

TOTAL

SERVICE REPRESENTATIVE: Allen F. Weirich

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer <i>Strata Exploration</i>	Lease No.	Date <i>9-25-11</i>
Lease <i>Jungemann</i>	Well # <i>#128</i>	
Field Order # <i>044548</i>	Station <i>PRATT KS</i>	Casing <i>5 1/2"</i>
Type Job <i>5 1/2 Long String</i>	Formation <i>CNW</i>	Depth <i>DTD 4870 (LTD 4866)</i>
		County <i>KIOWA</i>
		State <i>KANSAS</i>
		Legal Description <i>28-27-18</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2"</i>	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth <i>4864'</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>115 BBL</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>1300</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>P.C.</i>	Annulus Vol.	From	To		H/P Used		Annulus Pressure	
Plug Depth <i>4848'</i>	Packer Depth	From	To	Flush <i>0.3% 2% KCL</i>	Gas Volume		Total Load	

Customer Representative <i>George Payne</i>	Station Manager <i>scotty</i>	Treater <i>Allen</i>							
Service Units <i>28443</i>	19903	19905	19960	19918					
Driver Names <i>Allen</i>	<i>mike</i>	<i>mattal</i>	<i>Steve</i>	<i>young</i>					

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<i>1200 AM</i>					<i>on Loc. Discuss Safety, Setup Plan Job</i>
<i>345</i>					<i>out of Hole w/ D.P. Lhy down Kelly.</i>
<i>500</i>					<i>+ mouse hole, Rig up to Run 5 1/2" csg. 155'</i>
<i>600</i>					<i>Start 5 1/2" casing. Shoe Joint 16.49</i>
<i>715</i>					<i>w/ Float Shoe, L.D. Baffle in collar</i>
<i>830</i>					<i>#2-Jt. scratchers 15' above Pin- 1-every 5'</i>
<i>945</i>	<i>300#</i>		<i>24</i>	<i>5</i>	<i>cent. 1-2-3-4-6-10-15-20-25-30-35-40</i>
<i>1005</i>	<i>500#</i>		<i>5</i>	<i>5</i>	<i>Basket 11 + 21</i>
<i>1030</i>	<i>1500#</i>		<i>5</i>	<i>5</i>	<i>cir Hole w/ 40 Joints in for 20 min.</i>
<i>1130</i>	<i>0#</i>		<i>48</i>	<i>5</i>	<i>cir Hole w/ 80 Joints in for 30 min.</i>
					<i>Tag Bottom Pick up To 4864 + cir.</i>
					<i>Pump 24-BBL muo Flush (Recip. Pipe)</i>
					<i>Pump 5-BBL H2O spacer</i>
					<i>Pump 48 BBLs 50/50 potz @ 14'</i>
					<i>Finish mix washout Pump line</i>
					<i>Drop L.D. Plug, start 2% KCL Disp.</i>
					<i>6 1/2</i>
					<i>6</i>
					<i>caught lift PSI w/ 80 BBLs out</i>
					<i>115</i>
					<i>4</i>
					<i>Plug Down</i>
					<i>Release PSI - 0#</i>
					<i>Plug R.H w/ 30 sks 60/40 Potz 2% gel</i>
					<i>Plug M.H w/ 20 sks 60/40 Potz 2% gel</i>
					<i>washup & Rackup. Job complete.</i>



24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906
 Voice: (817) 546-7282
 Fax: (817) 246-3361

LEASE #	LEV	P/P
9/26 JUNGEMANN 1-28	5	9/26
DES	A/P	
CEMENT SURFACE PIPE	9/26	
DFL	COM	LOE
X		
G/L	D/D	
71730/13868	23	
8849.95		

INVOICE

Invoice Number: 128553
 Invoice Date: Sep 14, 2011
 Page: 1

Bill To:
 Strata Exploration, Inc.
 P O Box 401
 Fairfield, IL 62837-2757

Federal Tax I.D.#: 20-5975804

PAID
 9-30-11
 FNB SP # 7568

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Strata	Jungemann #1-28	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Sep 14, 2011	10/14/11

Quantity	Item	Description	Unit Price	Amount
350.00	MAT	Class A Common	16.25	5,687.50
6.00	MAT	Gel	21.25	127.50
12.00	MAT	Chloride	58.20	698.40
368.00	SER	Handling	2.25	828.00
75.00	SER	Mileage 368 sx @.11 per sk per mi	40.48	3,036.00
1.00	SER	Surface	1,125.00	1,125.00
150.00	SER	Pump Truck Charge	7.00	1,050.00
150.00	SER	Light Vehicle Mileage	4.00	600.00
1.00	SER	8.5/8 Baffle Plate	112.00	112.00
1.00	SER	8.5/8 Rubber Plug	112.00	112.00
1.00	CEMENTER	Wayne Davis		
1.00	EQUIP OPER	Greg Redetzke		
1.00	OPER ASSIST	Dustin Chambers		

ALL PRICES ARE NET, PAYABLE
 30 DAYS FOLLOWING DATE OF
 INVOICE. 1 1/2% CHARGED
 THEREAFTER. IF ACCOUNT IS
 CURRENT, TAKE DISCOUNT OF

\$ 5018.28

ONLY IF PAID ON OR BEFORE
 Oct 9, 2011

Subtotal	13,376.40
Sales Tax	491.83
Total Invoice Amount	13,868.23
Payment/Credit Applied	
TOTAL	13,868.23

DISC 5,018.28
 BAL 8,849.95 ✓

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



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

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

February 13, 2012

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

Re: ACO-1
API 15-097-21707-00-00
Jungemann 1-28
NE/4 Sec.28-27S-18W
Kiowa 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 09/14/2011 and the ACO-1 was received on February 13, 2012 (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