



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1074682
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD 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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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

1074682

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

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

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: Unruh #3-33

Location: 615' FSL & 516' FWL, Sec. 33-T27S-R18W, Kiowa County, KS.

Licence Number: 15-097-21712-0000

Region: Einsel Field

Spud Date: 12/27/2011

Drilling Completed: 1/5/2012

Surface Coordinates: 615' FSL & 516' FWL, Sec. 33-T27S-R18W

Bottom Hole Same as above

Coordinates:

Ground Elevation (ft): 2200'

K.B. Elevation (ft): 2211'

Logged Interval (ft): 3900' To: 4900' Total Depth (ft): 4900'

Formation: Kinderhook at Total Depth

Type of Drilling Fluid: Freshwater/Gel to 3236'; Chemical Gel 3236' to 4900'

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') 4216' - 4232' Test Times 15"-45"-30"-60" IFP Weak 0.5" to 2.5" Blow, FFP Weak 1.5" Blow, no Blowback on SI's; REC: 70' Gas in Pipe, 10' Mud w/oil Specks, no water; IFP 18-22#, ISIP 885#, FFP 24-30#, FSIP 976#, IHP 2120#, FHP 2110#, BHT 113 Deg. F.

DST #2(Mississippi Chert) 4762' - 4815' Test Times 15"-45"-20"-100" IFP Very Strong Blow Gas to Surface in 4.5 Min., Gauged Max. 334 MCFG., FFP Flowline plugged with mud/cuttings/LCM - replaced flowline - Reopened surface valve with a Strong Gas Blow and OIL TO SURFACE - Shut in tool, unload oil and gas. Drop bar and reverse circulate oil to pits. REC: 4625' CGO(44%G, 56%O) (API 36.2 Deg.), 120' GO CM(22%G, 23%O, 55%M), No Water; IFP 727-927#, ISIP 1409#, FFP 1012-1281#, FSIP 1410#, IHP 2367#, FHP 2343#, BHT 127 Deg. F.

Comments

12/23/11 MIRU Sterling Drilling Co. Rig #2; 12/24 through 12/26/11 Shut Down for Christmas; 12/27/11 Spud at 12:00 PM. ; 12/28/11 TD. 232' - WOC; 12/29/11 TD. 576' - WOC; 12/30/11 Drilling at 1325'; 12/31/11 Drilling at 2460'; 1/1/12 Drilling at 3115'; 1/2/12 Drilling at 3890'; 1/3/12 TD. 4232' - DST #1; 1/4/12 Drilling at 4558'; 1/5/12 TD. 4815' - DST #2, RTD. 4900' at 9:45 PM., LTD. 4898' (Halliburton); 1/6/12 RTD. 4900'/LTD 4898'- Logging, Plans to set 5 1/2" Production Casing

Set new 13 3/8"(48#) Conductor Casing at 230' w/250 sx.(Basic Energy Services). Cement did Circulate. PD. 9:30 PM. 12/27/11.


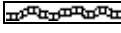
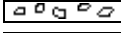
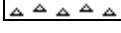
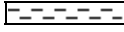







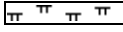

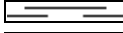
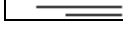
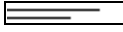


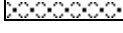
Set new 8 5/8"(23#) Surface Casing at 569' w/350 sx.(Basic Energy Services). Cement did Circulate. PD. 4:30 AM. 12/29/11.

Surveys: 0.75 Deg. at 576'(Surface Casing); 1 Deg. at 4232'(DST #1); 0.75 Deg. at 4815'(DST #2).








































































Pipe Strap at 4232'(DST #1): Strap 0.37' Long to the Board, no correction made to the Board.

After review of the Halliburton Logs, DST data, structural position and positive shows of commercial amounts of hydrocarbons, the operator elected to set new 5 1/2" 15.5# Production Casing for completion in the Mississippian Chert.

ROCK TYPES

 Anhy  Bent  Brec  Cht	 Clyst  Coal  Congl  Dol	 Gyp  Igne  Lmst  Meta	 Mrlst  Salt  Shale  Shcol	 Shgy  Sltst  Ss  Till
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ACCESSORIES

MINERAL  Anhy  Arggrn  Arg  Bent  Bit  Brecfrag  Calc  Carb  Chtdk  Chtlt  Dol  Feldspar  Ferrpel  Ferr  Glau	 Gyp  Hvymn  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  Wackst
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OTHER SYMBOLS

- POROSITY**
 [E] Earthy
 [F] Fenest
 [X] Fracture
 [I] Inter
 [M] Moldic
 [O] Organic
 [P] Pinpoint

[V] Vuggy

- SORTING**
 [W] Well
 [M] Moderate
 [P] Poor

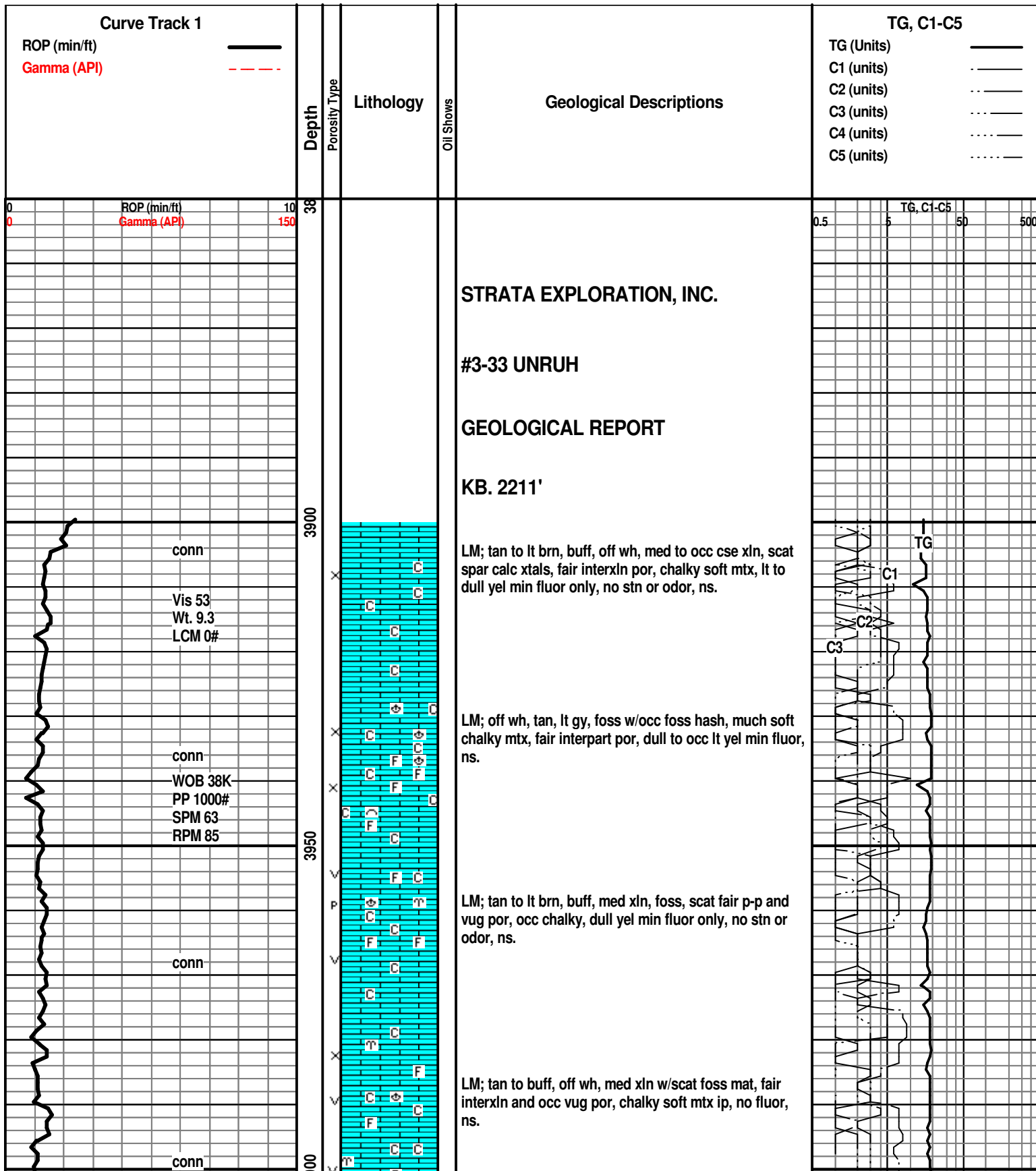
- ROUNDING**
 [R] Rounded
 [r] Subrnd
 [a] Subang
 [A] Angular

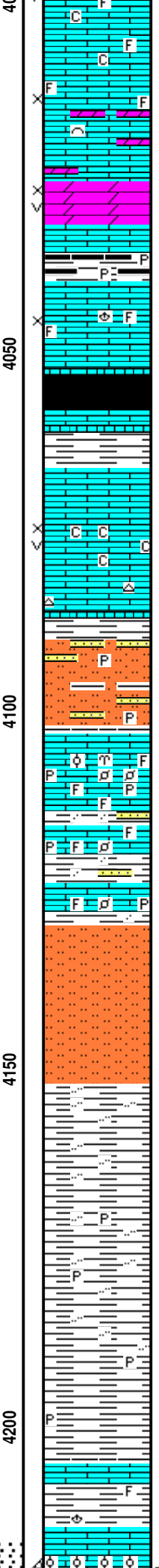
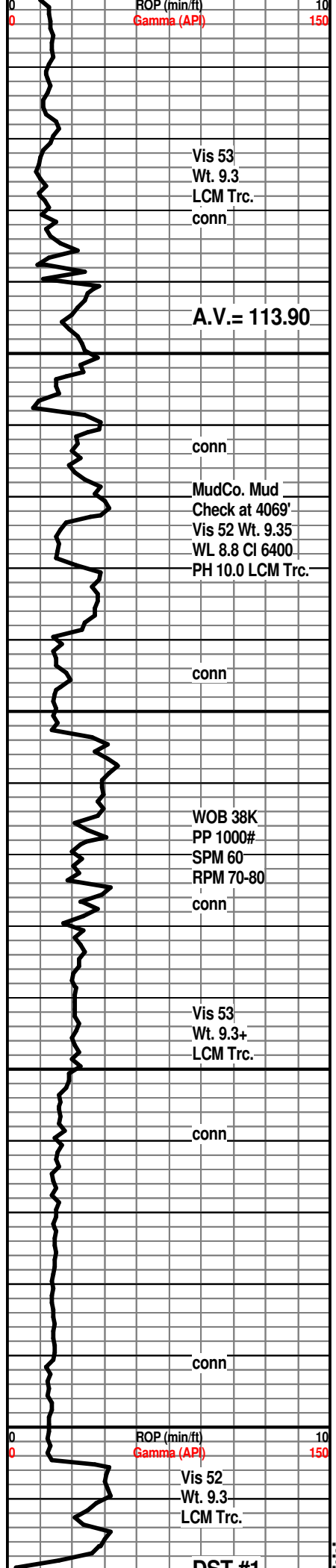
OIL SHOW
 [●] Even

- [●] Spotted
 [○] Ques
 [D] Dead

- INTERVAL**
 [■] Core
 [□] Dst

- EVENT**
 [▽] Rft
 [▲] Sidewall





LM; tan to lt brn, buff, med xln w/scat foss mat, occ soft chalky mtx, interbdd med xln to finely rhombic dolo. lmst, fair interxln por, dull to lt yel fluor, ns.

DOL; lt brn, sucrosic, gd interxln por, trc vug por, lt yel min fluor, no stn or odor, ns.

SH; dk gy, trc blk, platy, pyr ip.

LM; tan to lt brn, micritic, foss ip w/fair to poor interpart por, scat cse spar calc xtals, dull yel fluor, no stn or odor, ns.

HEEBNER SHALE 4053(-1842)
SH; blk, carb, trc. gas, some blocky
LM; med brn, hd, micritic

TORONTO 4066(-1854)
LM; med to dk brn, hd, blocky, tite

LM; off wh, lt gy, sucrosic to med xln, soft chalky mtx ip, lt to med yel min fluor, fair interxln w/scat small vug por, no stn or odor, rare off wh/lt gy cht, ns.

DOUGLAS SHALE 4087(-1876)

SLTST; lt gy, sandy ip, mica, interbdd thin vf gr qtz ss strngs, rarely pyr

LM; med to occ dk brn, highly foss ip, most hd - micritic, blocky, lt yel fluor, pry ip, no vis por, no stn or odor, ns.

LM; lt to med brn, foss, occ pyr, hd, blocky, dense

LM; lt to med brn, foss, interbdd sandy sh/shaly ss

SLTST; lt gy, firm, occ mica

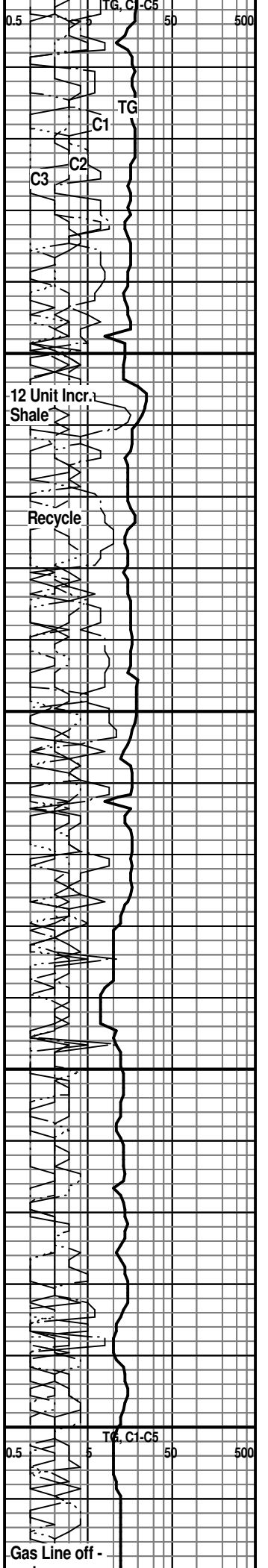
SH; lt to med gy, smooth, occ silty

SH; lt to med gy, firm, platy, occ silty, scat pyr

SH; med gy, fiss-flakey, smooth, occ pyr

BROWN LMST. 4205(-1994)
LM; med brn, hd-sharp, micritic, dense
SH; med gy to grn, platy, foss ip.

LANSING 'A' 4214(-2003)
LM; lt brn, tan, foss-oolitic, brittle, gd oomoldic por, scat vug por, med to hrite vel fluor. SSFO. spotted lt brn



conn
DST #1
Lansing 'A'
4216' - 4232'
 CFS. at 4232'
 MudCo. Mud
 Check at 4232'
 Vis 47 Wt. 9.4
 WL 10.8 CI 7400
 PH 9.0 LCM Trc.

conn
 WOB 38K
 PP 1000#
 SPM 60
 RPM 83

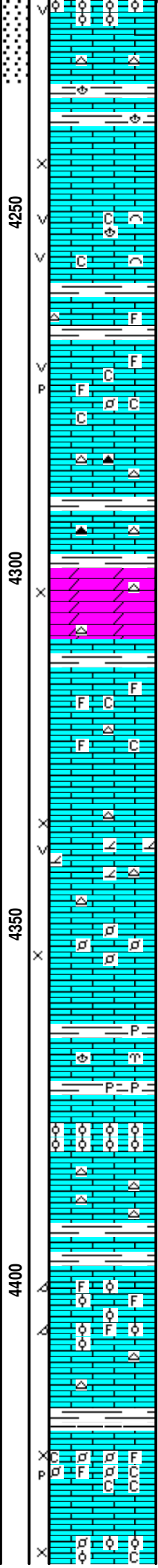
conn
 Vis 55
 Wt. 9.4
 LCM Trc.

conn
 Vis 53
 Wt. 9.4
 LCM 0#

conn
 WOB 40K
 PP 1050#
 SPM 60
 RPM 80

conn
 Vis 50
 Wt. 9.4
 LCM 0#
 conn

CFS. at 4434'



swat vug por, med to brn yel msh; CFS, spotted lt brn stn, faint odor, few gas bubbles, fair cut, gas detector gas line loose - readings not reliable, recycle of gas kick

DST #1(Lansing 'A') 4216' - 4232'

LANSING 'B' 4238(-2027)

LM; off wh, lt gy, med xln, poor interxln por, scat spar mat, most dense, dull yel fluor, ns.

LM; lt gy, rare tan, med xln, scat well dev. vug por, minor chalky mtx, occ foss, dull yel min fluor only, no stn or odor, no gas kick, ns.

LM; med brn, hd, foss ip, scat gy cht

LM; tan to lt brn, fxln, occ gd p-p and vug por, rare foss mat, interbdd off wh chalky soft lmst, no fluor, no stn or odor, ns.

LM; med brn, buff, most dense, blocky, hd, no vis por, scat tan to amber occ foss cht, ns.

LM; med to dk brn, med xln to micritic, occ cherty, no vis por, ns.

DOL; tan to off wh, rare lt brn, sucrosic to finely rhombic, fair interxln por, trc wh cht, dull yel fluor, ns.

LM; tan to off wh, lt brn, fxln, scat foss mat, most well cem, occ soft chalky mtx, no vis por, no stn or odor, ns.

LM; tan to buff, off wh, fxln to occ sucrosic text, partly dolomitic, fair interxln and vug por, lt yel min fluor, scat off wh to wh cht, no stn or odor, no gas kick, ns.

LM; tan to lt brn, fxln w/interbdd finely pelletal lmst, fair interpart por, lt yel min fluor, no stn or odor, ns.

SH; med to occ dk gy, fiss, occ pyr

LM; med brn, hd, foss ip, tite

LANSING/KC. 'H' 4374(-2163)

LM; lt brn, oolitic, most small to med size moldic por, brittle, lt yel min fluor, rare vug por, no stn or odor, no gas kick, ns.

LM; med brn, hd, occ cherty, micritic, tite

SH; lt gy to gy grn, fiss

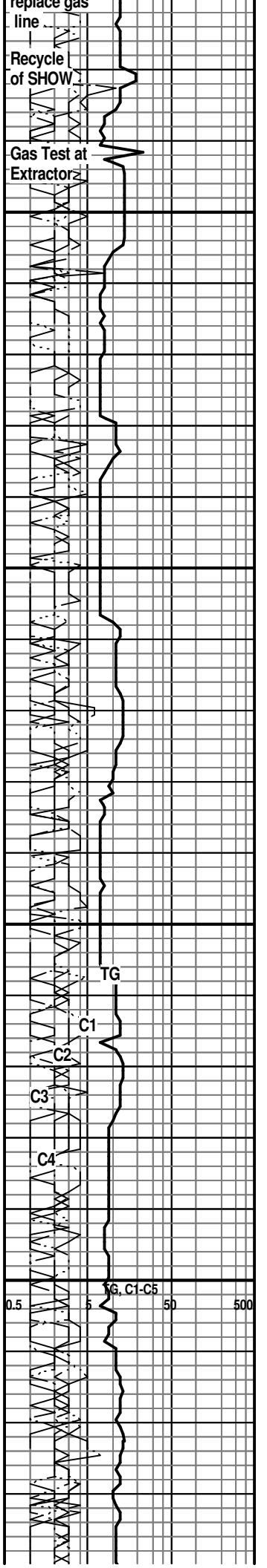
LM; tan to lt brn, oolitic/oolicastic, finely pelletal ip, fair oomoldic por, some v. soft, lt yel min fluor, no stn or odor, no gas kick, ns.

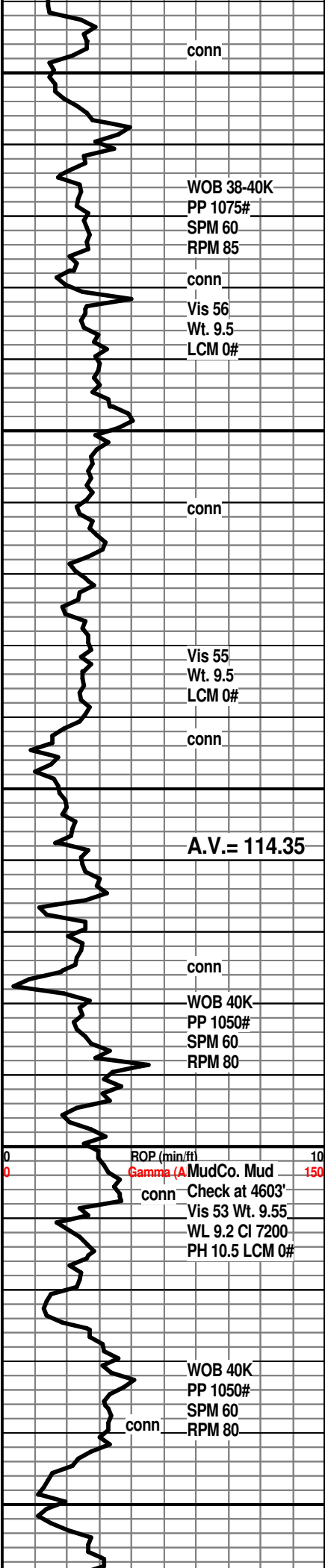
LM; tan to cream, buff, fxln to micritic, scat cht, ns.

K.C. 'I' 4421(-2210)

LM; tan to cream, foss to finely pelletal, fair interpart w/swcat p-p por, minor soft chalky mtx, dull yel min fluor, no stn or odor, no gas kick, barren, ns.

LM; tan to cream, off wh, v. foss - partly oolitic, fair to





conn

WOB 38-40K
PP 1075#
SPM 60
RPM 85

conn

Vis 56
Wt. 9.5
LCM 0#

conn

Vis 55
Wt. 9.5
LCM 0#

conn

A.V. = 114.35

conn

WOB 40K
PP 1050#
SPM 60
RPM 80

ROP (min/ft) 10

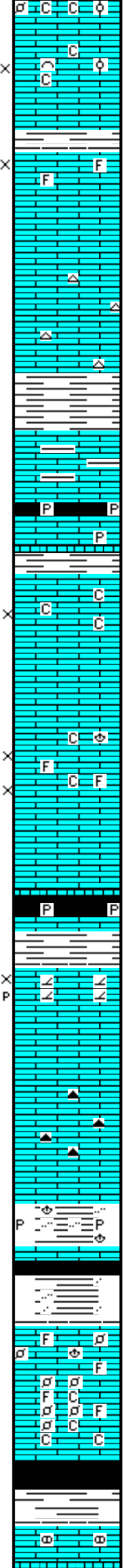
Gamma (A) MudCo. Mud 150

conn Check at 4603'
Vis 53 Wt. 9.55
WL 9.2 CI 7200
PH 10.5 LCM 0#

WOB 40K
PP 1050#
SPM 60
RPM 80

conn

4450
4500
4550
4600
4650



gd interpart por, scat soft chalky mtx ip, dull yel min fluor, no gas kick, ns.

LM; off wh, lt gy, foss ip, some med xln w/fair interxln por, scat off wh chert, dull yel fluor, no stn or odor, no gas kick, ns.

K.C. 'J' 4461(-2250)

LM; tan to off wh, fxln, scat foss mat, poor vis interpart por, lt yel min fluor, no vis stn, no odor, no gas kick, ns.

LM; tan to buff, lt brn, most dense, micritic, blocky, scat tan/off wh cht, no vis por, ns.

SH; med to dk gy, firm

LM; lt to med brn, most dense, some argil, tite

STARK SHALE 4510(-2299)

SH; blk, carb ip, plat rarely pyr
LM; dk brn, gy brn, hd, occ pyr

SWOPE 4520(-2309)

LM; lt gy, off wh, fxln, soft ip, poor to fair vis interxln por, scat soft partly chalky mtx, dull yel min fluor, no stn or odor, no sample shows

LM; tan to cream, buff, fxln to micritic, minor soft chalky mtx, dull/lt yel min fluor, ns.

LM; tan to cream, buff, off wh, fxln, scat foss mat, fair to gd interxln por, interbdd soft chalky lmst and chalky mtx, lt yel min fluor, no stn or odor, ns.

SH; blk, carb ip, occ pyr, gassy

HERTHA 4575(-2364)

LM; tan to cream, buff, fxln to sucrosic text, dolomitic ip, some v. gd interxln w/occ p-p por, soft, lt yel fluor, no stn or odor, no gas kick, ns.

LM; med gy to med brn, minor sandy text, most micritic, scat no vis por, interbdd smoky/dk brn/ blk cht, no fluor, no sample shows

BASE KANSAS CITY 4608(-2397)

SH; varic: grn, gy grn, fiss, rarely pyr, occ foss

SH; dk gy-blk, fiss, with varic shales, silty to sandy ip.

PLEASANTON 4625(-2414)

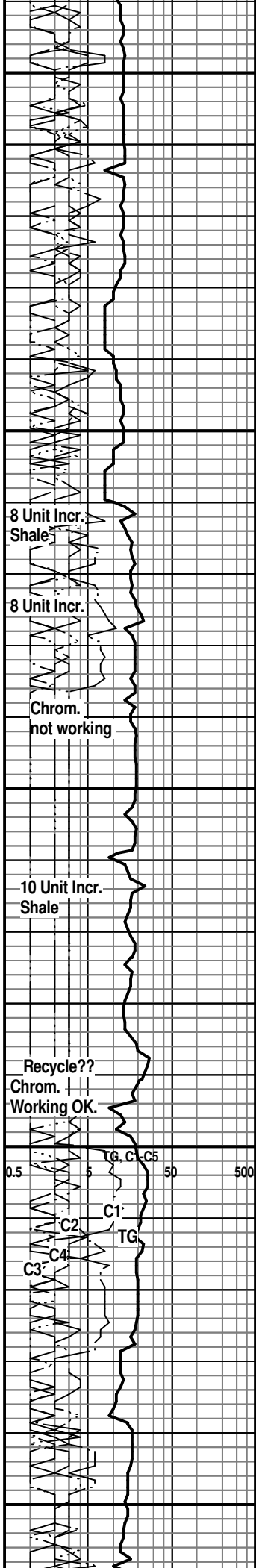
LM; med brn, gy brn, foss, most well cem, blocky, lt yel min fluor, no stn or odor, ns.

LM; wh, off wh, lt gy/tan, v. foss ip, finely pelletal, scat soft chalky mtx, lt yel min fluor, no stn or odor, ns.

SH; dk gy, blk, varic - rust red, yel, brn, silty ip.

MARMATON 4653(-2442)

LM; lt gy, tan w/grn tint, some nodular - weathered appearance, most dense, ns.



8 Unit Incr. Shale

8 Unit Incr.

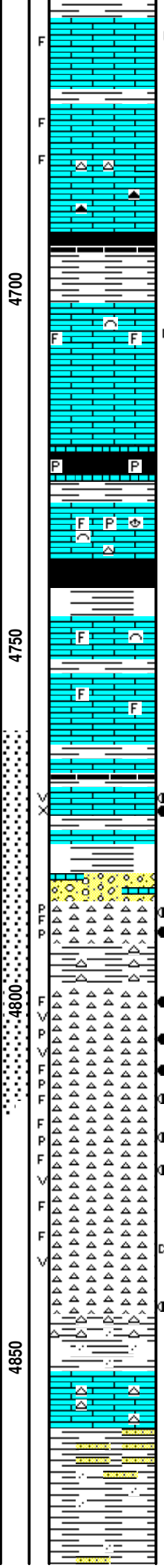
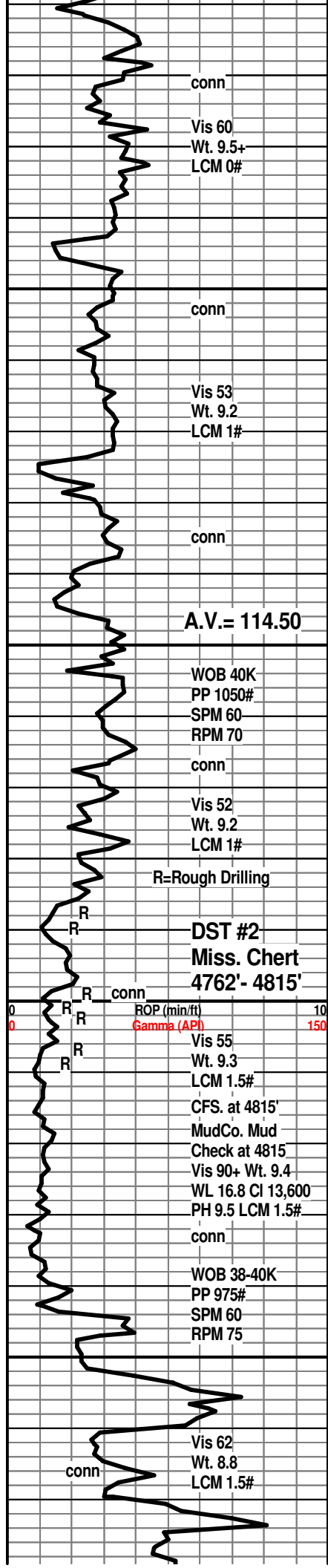
Chrom. not working

10 Unit Incr. Shale

Recycle?? Chrom. Working OK.

0.5 TG, C1-C5 50 500

C1
C2
C3
C4
TG



LM; tan to lt brn, foss ip, scat blk tar/dead residual oil, poss fracs w/edge stn, lt to rare med yel fluor, no odor, poor cut, no live shows

LM; lt brn, tan, buff, most dense - blocky, micritic, scat tan to amber cht, fracs w/spar calc, dull yel min fluor, no vis stn, ns.

SH; blk, platy, carb ip, w/gy to grn blocky v. firm shale

PAWNEE 4702(-2491)
LM; tan to cream, buff, fxln w/scat mostly well cem foss mat, few pcs. w/spotted tar/gilsonite, rare lt yel min fluor, no odor, no gas kick

LM; tan to lt brn, hd, micritic, scat tan to lt brn cht, no vis por, ns.

SH; blk, carb, gassy ip, occ pyr

LM; med brn, hd, foss ip, blocky, no vis por, scat gy cht w/pyr, no fluor, ns.

CHEROKEE SHALE 4738(-2527)
SH; dk gy - blk, platy, interbdd varic fiss shales

LM; tan to lt brn, hd, blocky, foss ip, well cem, dull yel min fluor, no vis por, ns.

LM; tan to cream, lt brn, fxln, rare well cem foss, no vis por, no fluor, ns.

SH; dk gy to blk, thinly bdd.

LM; off wh, tan, fxln, spotted to occ even med/dk brn stn, lt yel fluor, med to brite yel fluor, SSFO, fair vug and interxln por, trc gas bub, no odor

CONGL; weath varic cht, nodular lmst, varic sh.

MISSISSIPPI CHERT 4786(-2575)
CHT; wh, off wh, fresh and trip, fracs w/lt-med brn spotted to even oil stn, tripolite w/fair p-p por, some grainy text, faint odor, gas bubbles, SFO, med to brite yel fluor, gd cut

CHT; wh, off wh, fresh and trip, much well weathered grainy text tripolite, gd p-p w/some well dev. vug por, spotted to even lt/med brn stn, faint/fair odor, brite yel fluor, SFO, gas bubbles, gd cut, incr. fresh chert

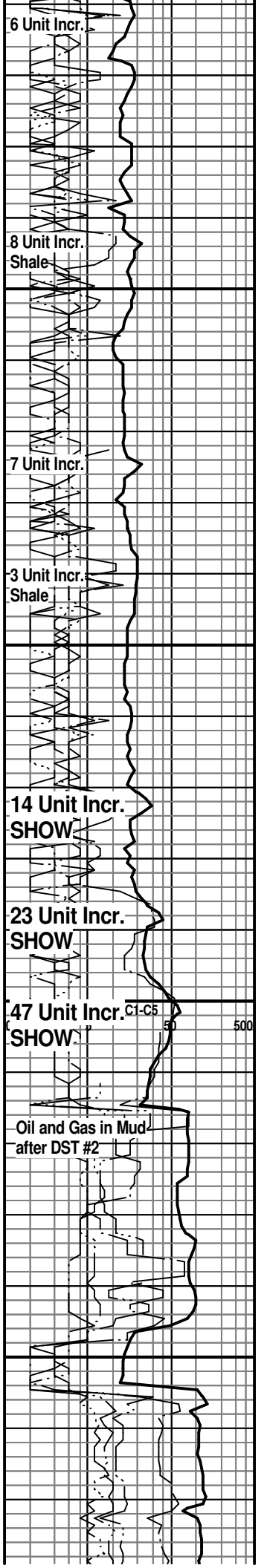
DST #2: Miss. Chert 4762' - 4815'
CHT; wh, off wh, fresh and trip, decr. amt of trip cht, pred fresh, much(50%) with brite yel fluor, fracs, faint odor, spotted lt brn oil stn, SSFO, trc gas bubbles, decr. amount of show

CHT; wh, transl, rare varic, porc, pred fresh cht, fracs ip, scat gils in vug por, 35-40% brite yel fluor, decr. show, faint odor

CHT; varic, org, wh, yel scat lrg. clr qtz xtals, trc clr f gr rd ss w/spotted lt brn oil stn, interbdd varic shales

LM; lt to med brn, occ rose red, cherty, dense

KINDERHOOK SHALE 4860(-2649)
SH; med gy grn, sandy to silty, interbdd grn vf to f gr qtz ss strngs



SH; grn, gy grn, sandy ip, scat grn ss strngs, firm,
interbdd varic shales - wash red

KINDERHOOK SAND 4889(-2678)

SS; clr, wh, occ grn, most f gr qtz, clusters,
subrnd-subang gr, some qtzitic - hd, fair intergran por,
no fluor, no stn or odor, ns.

RTD. 4900' at 9:45 PM. 1/5/12

LTD. 4898'

Halliburton DIL, NEU/DEN, Microlog,
MIRL

Vis 60
Wt. 9.0
LCM 1.5#
conn
CFS. at 4900'
RTD.

4900

50

x

x



PAGE 1 of 1	CUST NO 1004072	INVOICE DATE 12/28/2011
INVOICE NUMBER 1718 - 90787575		

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 Unruh 3-33
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

PAID
 1-16-12
 FNL 54 79/15

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40411222	20920		Net - 30 days	01/27/2012

For Service Dates: 12/27/2011 to 12/27/2011

0040411222

171805511A Cement-New Well Casing/Pi 12/27/2011
 13 3/8" Conductor Pipe

QTY	U of M	UNIT PRICE	INVOICE AMOUNT																
<table border="1" style="width: 100%;"> <tr> <td>LEASE</td> <td>UNRUH 3-33</td> <td>LEV</td> <td>P/P</td> </tr> <tr> <td>DES</td> <td>CEMENT COND CASING</td> <td></td> <td>A/P</td> </tr> <tr> <td>DRL</td> <td>COM</td> <td>LOE</td> <td>G/L 7/230</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td>5935.24</td> </tr> </table>				LEASE	UNRUH 3-33	LEV	P/P	DES	CEMENT COND CASING		A/P	DRL	COM	LOE	G/L 7/230	X			5935.24
LEASE	UNRUH 3-33	LEV	P/P																
DES	CEMENT COND CASING		A/P																
DRL	COM	LOE	G/L 7/230																
X			5935.24																
250.00	EA	12.32	3,079.66 T																
63.00	EA	2.85	179.47 T																
470.00	EA	0.81	379.95 T																
30.00	HR	3.27	98.16																
60.00	MI	5.39	323.37																
353.00	MI	1.23	434.85																
1.00	HR	769.92	769.92																
250.00	MI	1.08	269.47																
1.00	HR	134.74	134.74																

Common
 Cello-flake
 Calcium Chloride
 Unit Mileage Charge-Pickups, Vans & Cars
 Heavy Equipment Mileage
 Proppant and Bulk Delivery Charges
 Depth Charge; 0-500'
 Blending & Mixing Service Charge
 Supervisor

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	5,669.59
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	265.65
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	5,935.24
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

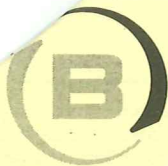
Customer <u>STRATA EXPLORATION</u>		Lease No.	Date	
Lease <u>UNRUH</u>		Well # <u>3-33</u>	<u>12-27-2011</u>	
Field Order # <u>05511</u>	Station <u>PRATT, KS.</u>	Casing <u>13 3/8"</u>	Depth	County <u>KIOWA</u> State <u>Ks.</u>
Type Job <u>CNW-13 3/8" C.P.</u>	Formation <u>TD-231'</u>	Legal Description <u>33-27-18</u>		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <u>13 3/8" x 48'</u>	Tubing Size	Shots/Ft	<u>CMT-</u>	Acid <u>250SK COMMON</u>	RATE	PRESS	ISIP	
Depth <u>229'</u>	Depth	From	To	Pre Pad <u>@ 1.20 CUF</u>	Max		5 Min.	
Volume <u>35.95 BBL</u>	Volume	From	To	Pad	Min		10 Min.	
Max Press <u>300</u>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <u>S.V.</u>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <u>209'</u>	Packer Depth	From	To	Flush <u>32.8 BBL</u>	Gas Volume		Total Load	

Customer Representative BILLY BORTZ Station Manager D. SCOTT Treater K. LESLEY

Service Units	<u>37586</u>	<u>33708</u>	<u>20920</u>	<u>19960</u>	<u>19918</u>				
Driver Names	<u>LESLEY</u>	<u>LAWRENCE</u>	<u>JESSE</u>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:30 PM					ON LOCATION - SAFETY MEETING
7:30 PM					RUN 5 JTS. 13 3/8" x 48' CSG.
8:30 PM					CSG. ON BOTTOM (LANDED W/ 13 3/8" L.S.)
8:40 PM					HOOK UP TO CSG. / BREAK CIRC. W/ RIG
9:10 PM	250		5	6	H2O AHEAD
9:13 PM	100		53.5	6	MIX 250 SK COMMON @ 15.6 PPG
9:22 PM	0		0	5	SHUT DOWN - START DISPLACEMENT
9:27 PM	250		22	3	SLOW RATE
9:30 PM	300		32.8	3	CMT. TO DESIRED DEPTH
					CIRC. THRU JOB
					CIRC. 10 BBL TO PIT
					JOB COMPLETE,
					THANKS -
					KEVEN LESLEY



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 05651 A

DATE _____ TICKET NO. _____

DATE OF JOB <i>12-29-11</i> DISTRICT <i>PRATT KS</i>		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 <i>STRATA-EXPLORATION</i>		LEASE <i>UNRUH</i> <i>3-33</i> WELL NO.							
ADDRESS		COUNTY <i>KIOWA</i> STATE <i>KS</i>							
CITY STATE		SERVICE CREW <i>Sullivan, Motol, McGee, Wiley</i>							
AUTHORIZED BY		JOB TYPE: <i>CNW 8 7/8 surface</i>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<i>19889-19905</i>	<i>40 mi</i>					<i>12-29-11</i>	<i>12-29-11</i>	AM	<i>11:00</i>
<i>19960-19918</i>	<i>40 mi</i>					ARRIVED AT JOB		AM	<i>12:45</i>
<i>37900</i>						START OPERATION		AM	<i>2:50</i>
						FINISH OPERATION		AM	<i>4:30</i>
						RELEASED		AM	<i>5:00</i>
						MILES FROM STATION TO WELL			<i>30</i>

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: *Brad Shank*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<i>CP 106</i>	<i>A-Schv Lite cmt</i>	<i>SK</i>	<i>175</i>		<i>2,275 00</i>
<i>CP 100</i>	<i>Common</i>	<i>SK</i>	<i>175</i>		<i>2,800 00</i>
<i>CC 102</i>	<i>Cell fake</i>	<i>lb</i>	<i>88</i>		<i>325 60</i>
<i>CC 109</i>	<i>Calcium chloride</i>	<i>lb</i>	<i>789</i>		<i>828 45</i>
<i>CF 103</i>	<i>TOP Rubber Plug 8 7/8</i>	<i>SA</i>	<i>1</i>		<i>225 00</i>
<i>CF 753</i>	<i>Baffle Plate</i>	<i>SA</i>	<i>1</i>		<i>170 00</i>
<i>CF 1903</i>	<i>BASKET</i>	<i>SA</i>	<i>1</i>		<i>315 00</i>
<i>E 100</i>	<i>padding mi</i>	<i>mi</i>	<i>30</i>		<i>127 50</i>
<i>E 101</i>	<i>Heavy sand. midge</i>	<i>mi</i>	<i>60</i>		<i>420 00</i>
<i>E 113</i>	<i>Bulk Delivery</i>	<i>Ton</i>	<i>477</i>		<i>763 20</i>
<i>CE 201</i>	<i>Depth charge 301'-1000'</i>	<i>SA</i>	<i>1</i>		<i>1,200 00</i>
<i>CE 240</i>	<i>Blending - mixing</i>	<i>SK</i>	<i>350</i>		<i>490 00</i>
<i>CE 504</i>	<i>plug container Pentel</i>	<i>SA</i>	<i>1</i>		<i>250 00</i>
<i>S 003</i>	<i>SchvD Superline</i>	<i>SA</i>	<i>1</i>		<i>175 00</i>

CHEMICAL / ACID DATA:			

SUB TOTAL		<i>DLS</i>	<i>2,980.86</i>
SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL			

SERVICE REPRESENTATIVE *Robert Johnson* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *BRAD SHANK*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer <i>STRATA EXPLORATION</i>	Lease No.	Date <i>12-29-11</i>			
Lease <i>UNRUH</i>	Well # <i>3-33</i>				
Field Order # <i>3051</i>	Station <i>PRATT KS</i>	Casing <i>8 7/8</i>	Depth <i>570'</i>	County <i>KIOWA</i>	State <i>KS</i>
Type Job <i>CNW 8 7/8 SURFACE</i>	Formation	Legal Description <i>33-27-18</i>			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 7/8</i>								
Depth <i>570'</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>34</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>500</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>VC</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>578 35</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert J. [Signature]</i>
-------------------------	--------------------------------------	---

Service Units	<i>37900</i>	<i>19889</i>	<i>19905</i>	<i>19960</i>	<i>19918</i>				
Driver Names	<i>Sullivan</i>	<i>metcalfe</i>	<i>McPady</i>	<i>Phye</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>12:45</i>					<i>ON LOC SAFETY MEETING</i>
					<i>RUN 13 SR 8 7/8 23 CSG.</i>
<i>3:30</i>					<i>CASING ON BOTTOM</i>
<i>3:45</i>					<i>Work Dig circ</i>
<i>3:50</i>	<i>300</i>		<i>3</i>	<i>3</i>	<i>RT SPACER</i>
			<i>51</i>	<i>4.5</i>	<i>MIX A SEA LITE cont 175# 13.4 PPG</i>
			<i>37</i>		<i>MIX COMMON cont w/2% CC @ 15.6 PPG</i>
					<i>ALL cont mixed shut down</i>
					<i>Release Plug</i>
				<i>4</i>	<i>RT DUMP</i>
<i>4:30</i>	<i>450</i>		<i>34</i>		<i>plug down</i>
					<i>circ 10 BBL cont to PIT</i>
					<i>JOB Complete</i>
					<i>Thank you</i>



PAGE	CUST NO	INVOICE DATE
1 of 1	1004072	01/10/2012
INVOICE NUMBER		
1718 - 90798191		

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 Unruh 3-33
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40415973	20920		Net - 30 days	02/09/2012

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 01/07/2012 to 01/07/2012				
0040415973				
171804440A Cement-New Well Casing/Pi 01/07/2012				
Cement 5 1/2" Longstring				
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	536.77 T
Gilsonite	1,200.00	EA	0.53	635.12 T
Mud Flush	1,000.00	EA	0.68	679.36 T
CS-1L 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
5 1/2" Basket (Blue)	1.00	EA	229.09	229.09
Cement Scratchers Cable Type 5 1/2"	6.00	EA	59.25	355.48
Turbolizer 5 1/2" (Blue)	12.00	EA	86.90	1,042.74
Heavy Equipment Mileage	60.00	MI	5.53	331.78
Proppant and Bulk Delivery Charge	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	1,990.71	1,990.71
Plug Container Utilization Charge	1.00	EA	197.49	197.49
Service Supervisor	1.00	HR	138.24	138.24

LEASE	1/2	UNRUH 3-33	LEV	5	P/L	1/19
DES	CEMENT LONGSTRING					1/24
DRL	COM	LOE	G/L	73551/11396		CS D/E

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	11,006.60
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	390.03
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	11,396.63
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 04440 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>1-7-12</u> DISTRICT <u>KANSAS</u>		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 <u>Strata Exploration</u>		LEASE <u>UNRUH 3-33</u> WELL NO.:							
ADDRESS		COUNTY <u>Kiowa 33-27-18</u> STATE <u>Ks</u>							
CITY STATE		SERVICE CREW <u>ALLEN, Joe, Dale</u>							
AUTHORIZED BY		JOB TYPE: <u>5 1/2" Long String</u> <u>CNW</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
<u>28443 P.U.</u>	<u>2 1/2</u>					<u>1-6-12</u>	<u>1-6-12</u>	<u>AM</u>	<u>7:00</u>
<u>33708-20920</u>	<u>2 1/2</u>					<u>ARRIVED AT JOB</u>	<u>1-6-12</u>	<u>AM</u>	<u>9:45</u>
<u>19960-19918</u>	<u>2 1/2</u>					<u>START OPERATION</u>	<u>1-7-12</u>	<u>AM</u>	<u>3:30</u>
						<u>FINISH OPERATION</u>	<u>1-7-12</u>	<u>PM</u>	<u>6:00</u>
						<u>RELEASED</u>	<u>1-7-12</u>	<u>AM</u>	<u>6:45</u>
						<u>MILES FROM STATION TO WELL</u>	<u>30-miles</u>		

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)

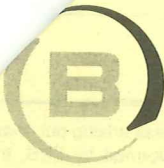
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP104	50/50 Poz	SK	200		\$ 2200.00
CP103	60/40 Poz	SK	50		\$ 600.00
CC102	cell FLAKE	lb	50		\$ 185.00
CC113	CAL-Set	lb	840		\$ 630.00
CC129	FIA-322	lb	84		\$ 630.00
C700	KCL Potassium Chloride	lb	453		\$ 679.50
CC201	Gilsonite	lb	1200		\$ 804.00
CF607	Latch Down Plug + Baffle 5 1/2"	EA	1		\$ 400.00
CF1251	Auto Fill Float Shoe 5 1/2"	EA	1		\$ 360.00
CF1651	Turbolizer 5 1/2" Blue	EA	12		\$ 1320.00
CF1901	5 1/2" Basket Blue	EA	1		\$ 290.00
CC151	Mud Flush	gal	1000		\$ 860.00
C704	CS-1L KCL sub	gal	5		\$ 175.00
CF2001	Cement Scratchers cable Type 5 1/2"	EA	6		\$ 450.00

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE Allen F. Worth THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____



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 04441 A

DATE TICKET NO. 04440A

DATE OF JOB 1-7-12		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 UNRUH # 3-33				WELL NO.			
ADDRESS				COUNTY Kiowa 33-27-18				STATE Kansas			
CITY				STATE				SERVICE CREW Allen, Joe, Dale			
AUTHORIZED BY				JOB TYPE: 5/2" Long String						CNUW	
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED		DATE	AM	TIME	
28443 P.U.	2 1/2							1-6-12	PM	700	
33708-20920	2 1/3					ARRIVED AT JOB		1-6-12	AM	945	
19960-19918	2 1/2					START OPERATION		1-7-12	AM	330	
						FINISH OPERATION		1-7-12	AM	600	
						RELEASED		1-7-12	AM	645	
						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:
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
E100	unit mileage charge Pickup	mi	30		\$ 120.50
E101	Heavy Equip mileage	mi	60		\$ 420.00
E113	Bulk Delivery Charge	Tm	317		\$ 506.40
CF205	Depth Charge 4000'-5000'	4-hr	1		\$ 2520.00
CF240	Blending + Mixing Service Chg	SK	250		\$ 350.00
CE504	Plug container Utilization chg	Tub	1		\$ 250.00
S003	Service Supervisor, first 8hrs	FR	1		\$ 125.00

CHEMICAL / ACID DATA:			

SUB TOTAL \$11,006.60

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

SERVICE REPRESENTATIVE	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer Strat Exploration		Lease No.		Date	
Lease UNRHT		Well # 3-33		1-7-12	
Field Order # 04440A	Station Pratt Ks	Casing 5 1/2"	Depth 4886'	County Kiowa	State KS
Type Job 5 1/2" Long String	Formation CNW	704900'		Legal Description 33-27-18	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2"		200 SKS		50-50 Poz	14.4		5 Min.	
Depth 4886'	Depth	From	To	Pre Pad	Max		5 Min.	
Volume 113 1/4 BBL	Volume	From	To	Pad	Min		10 Min.	
Max Press 1200	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection PC	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 4865'	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative George Payne			Station Manager Scotty			Treater Allen		
Service Units	28443	33708	20920	19960	19918			
Driver Names	Allen	Joe	Melton	Dale	Phye			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:45 PM	1-6-12				ON Loc. Discuss Safety, Setup Plan Job out of Hole w/ Bit. Rig up to Run 5 1/2" casing 15.5'
12:00	1-7-12				Start 5 1/2" csg. Shoe Joint 21' w/ float shoe + L.D. Baffle in collar. cent 1-2-3-4 8-12-16-21-25-29-33-37. Basket #10 scratchers. 3-on top 15' of Jt. #2 3 on bottom 15' of Jt. #3.
1:00 AM					CIR w/ 40 Jts in hole for 30 min
2:10					CIR w/ 80 Jts in hole for 30 min
3:45					Tag Bottom @ 4900 Hook up + CIR @ 4886' w/ Rig.
4:45			24	5	Pump 1000 gal MUD Flush
			5	5	Pump 5 BBL N2O
			48	5	Mix + pump 200 SKS 50/50 Poz wash out Pump + line, Drop L.D. Plug.
5:10				6	START DISP.
					caught Lift. w/ 80 BBLs Pumped
5:30			115 3/4	4	Plug down
5:45					Release PSJ - OK - Plug RH w/ 30 SKS Plug MN w/ 20 SKS 60/40 Poz 2% gal
6:45					wash up + Rack up. Job complete.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration Inc.

33-27s18w Kiowa Ks.

P.O.Box 401
Fairfield Il.62837

Unruh#3-33

Job Ticket: 44095

DST#: 1

ATTN: Jon Christensen

Test Start: 2012.01.03 @ 01:45:30

GENERAL INFORMATION:

Formation: **Lansing A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:09:30

Time Test Ended: 09:48:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4216.00 ft (KB) To 4232.00 ft (KB) (TVD)

Reference Elevations: 2211.00 ft (KB)

Total Depth: 4232.00 ft (KB) (TVD)

2200.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8167 Inside

Press @RunDepth: 30.46 psig @ 4217.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.03

End Date:

2012.01.03

Last Calib.: 2012.01.03

Start Time: 01:45:31

End Time:

09:48:30

Time On Btm: 2012.01.03 @ 05:07:45

Time Off Btm: 2012.01.03 @ 07:43:15

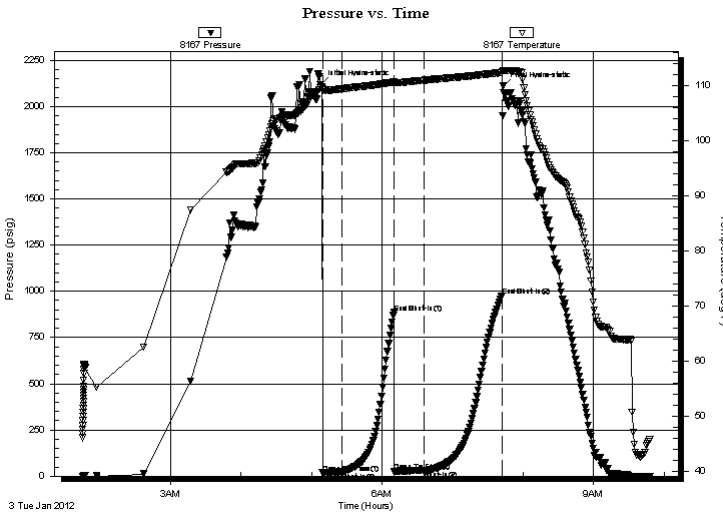
TEST COMMENT: IF:Weak blow . 1/2 - 2 1/2".

IS:No blow .

FF:Weak blow . 1/2 - 1 1/2".

FS:No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2120.06	109.69	Initial Hydro-static
2	18.20	109.26	Open To Flow (1)
19	22.17	109.47	Shut-In(1)
63	884.58	110.71	End Shut-In(1)
63	24.01	110.54	Open To Flow (2)
88	30.46	111.03	Shut-In(2)
155	976.08	112.42	End Shut-In(2)
156	2109.99	112.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w oil specs	0.05
0.00	70 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.

33-27s18w Kiowa Ks.

P.O.Box 401
Fairfield Il.62837

Unruh#3-33

Job Ticket: 44095

DST#: 1

ATTN: Jon Christensen

Test Start: 2012.01.03 @ 01:45:30

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:

6400 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6400.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
10.00	Mud w oil specs	0.049
0.00	70 ft.of GIP	0.000

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

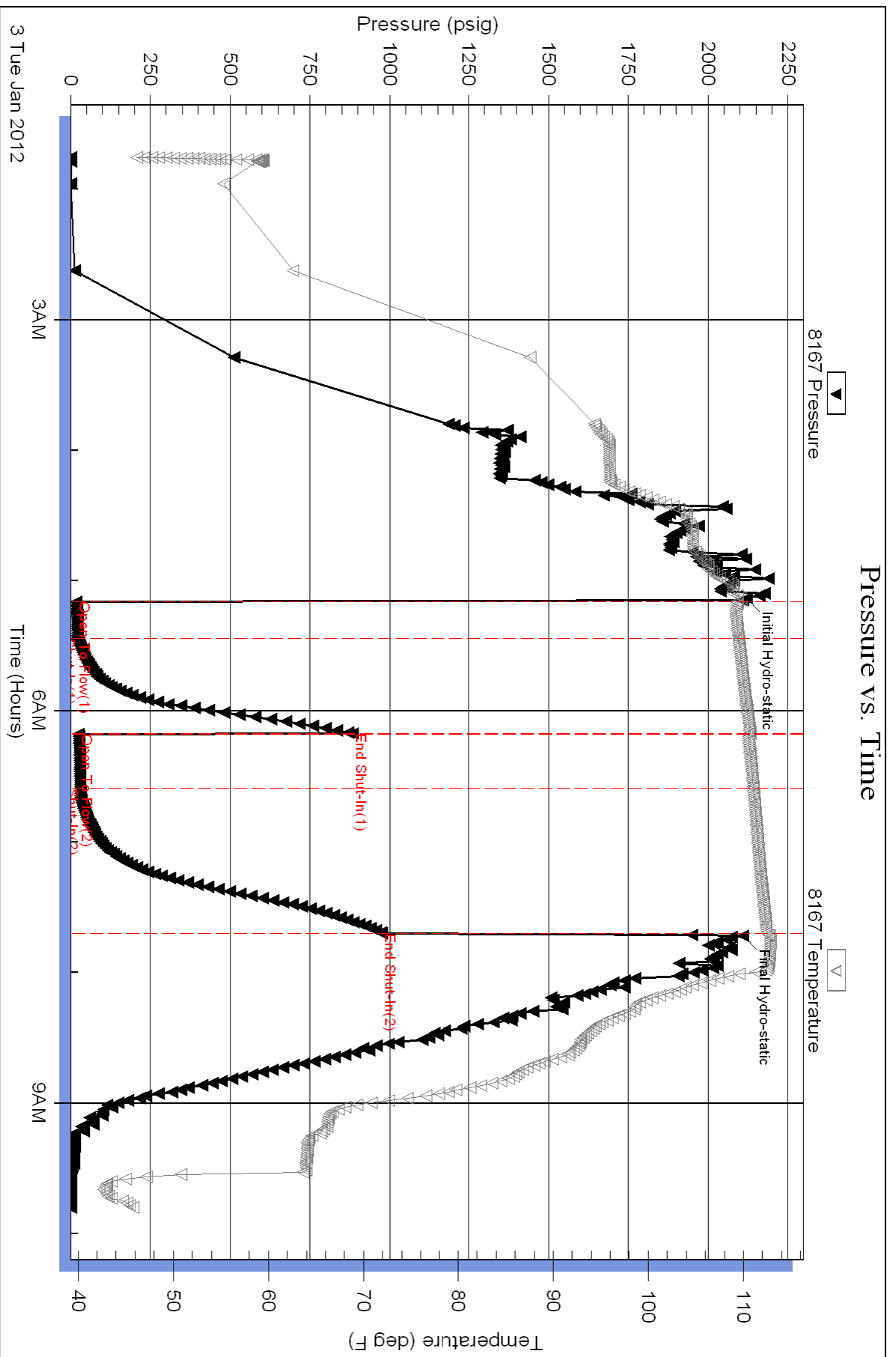
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration Inc.

33-27s18w Kiowa Ks.

P.O.Box 401
Fairfield Il.62837

Unruh#3-33

Job Ticket: 44096

DST#: 2

ATTN: Jon Christensen

Test Start: 2012.01.05 @ 02:19:01

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:29:01

Time Test Ended: 12:26:31

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4762.00 ft (KB) To 4815.00 ft (KB) (TVD)

Reference Elevations: 2211.00 ft (KB)

Total Depth: 4815.00 ft (KB) (TVD)

2200.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8167

Inside

Press @ Run Depth: 1281.27 psig @ 4763.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.05

End Date: 2012.01.05

Last Calib.: 2012.01.05

Start Time: 02:19:02

End Time: 12:26:31

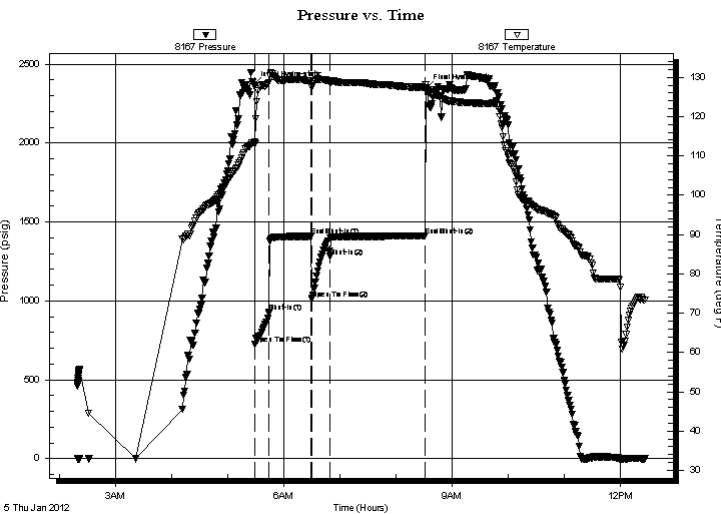
Time On Btm: 2012.01.05 @ 05:27:46

Time Off Btm: 2012.01.05 @ 08:31:46

TEST COMMENT: IF: Strong blow . B.O.B. in 3 - 4 secs. GTS in 4.5 mins. (see gas flow report)

IS: No blow .

FF: No blow . Hose plugged @ surface. Changed hose. Fluid to surface 15 secs. after reopening surface valve. (Mud Gas & Oil) FSI: Venting Oil & Gas throughout.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2366.62	113.41	Initial Hydro-static
2	727.30	113.10	Open To Flow (1)
16	926.70	128.66	Shut-In(1)
61	1408.90	128.99	End Shut-In(1)
62	1011.81	127.44	Open To Flow (2)
82	1281.27	128.67	Shut-In(2)
184	1409.88	127.44	End Shut-In(2)
184	2343.15	128.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOCM 22%g 23%o 55%m	0.59
4625.00	CGO 44%g 56%o	64.06

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	7.00	334.26
Last Gas Rate	0.75	7.00	334.26

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

33-27s18w Kiowa Ks.

P.O.Box 401
Fairfield Il.62837

Unruh#3-33

Job Ticket: 44096

DST#: 2

ATTN: Jon Christensen

Test Start: 2012.01.05 @ 02:19:01

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36.2 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

13600 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 16.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 13600.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GOCM 22%g 23%o 55%m	0.590
4625.00	CGO 44%g 56%o	64.057

Total Length: 4745.00 ft

Total Volume: 64.647 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

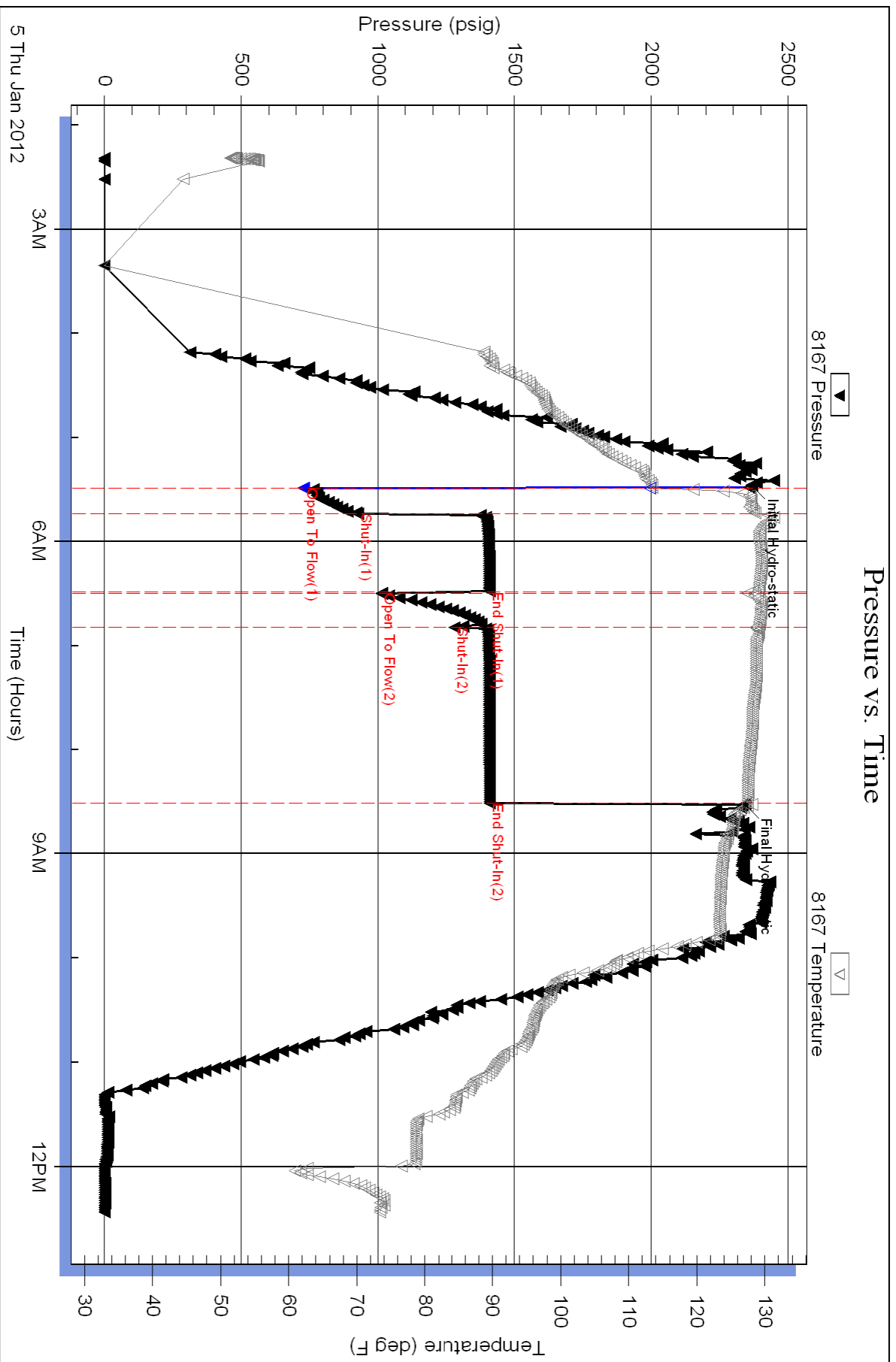
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



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

March 06, 2012

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

Re: ACO1
API 15-097-21712-00-00
Unruh 3-33
SW/4 Sec.33-27S-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