



**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
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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

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: \_\_\_\_\_



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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <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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**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Strata	<b>Carr 1-27</b>
PO Box 401 Fairfield, IL 62837 ATTN: Jon Christensen	<b>27-21-16/Pawnee</b> Job Ticket: 41404 <b>DST#: 1</b> Test Start: 2010.12.17 @ 11:49:32

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.80 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6100.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	VSOCM 2%O, 98%M	0.148
0.00	60' GIP	0.000

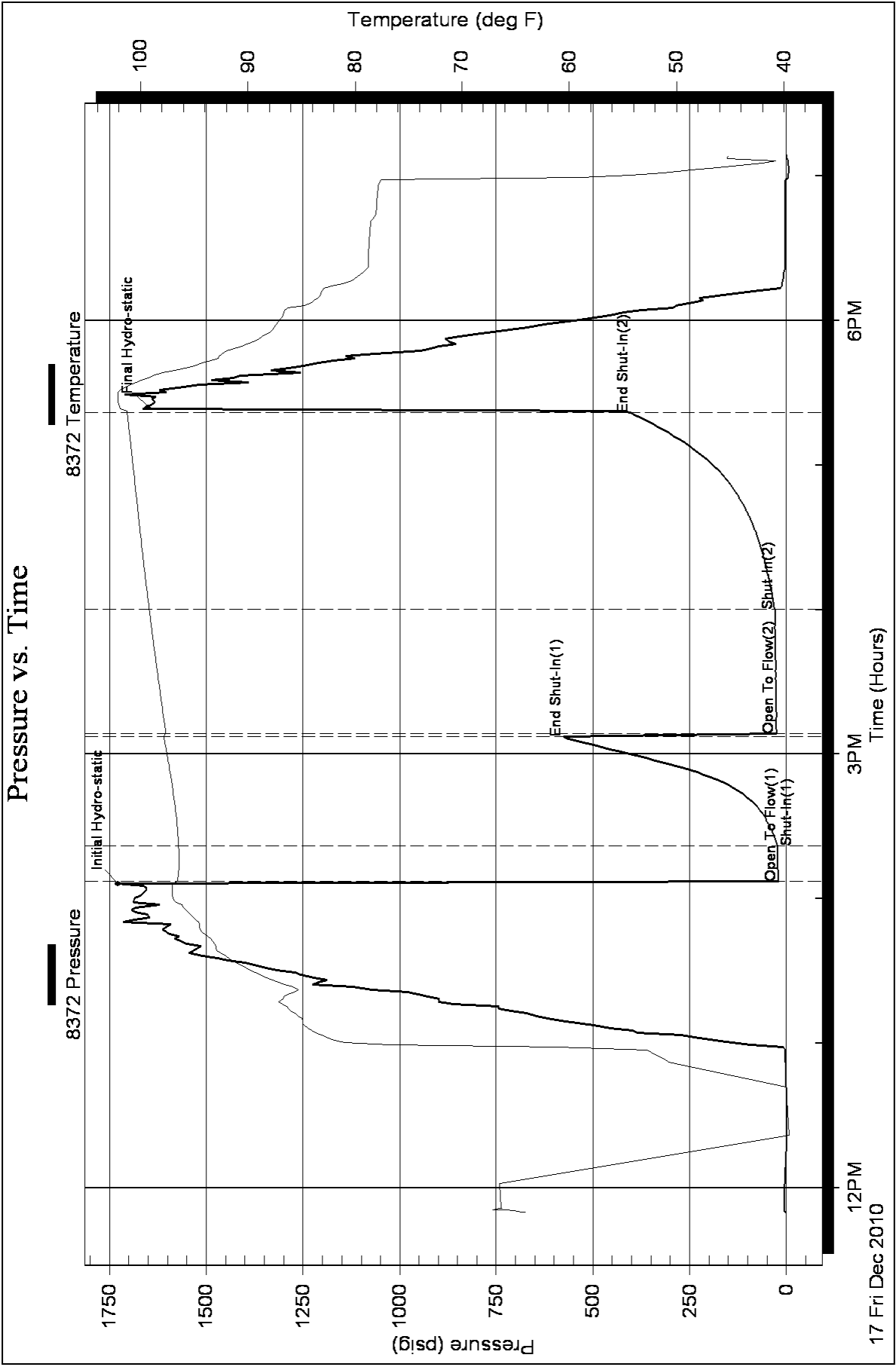
Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Strata  
PO Box 401  
Fairfield, IL  
62837  
ATTN: Jon Christensen

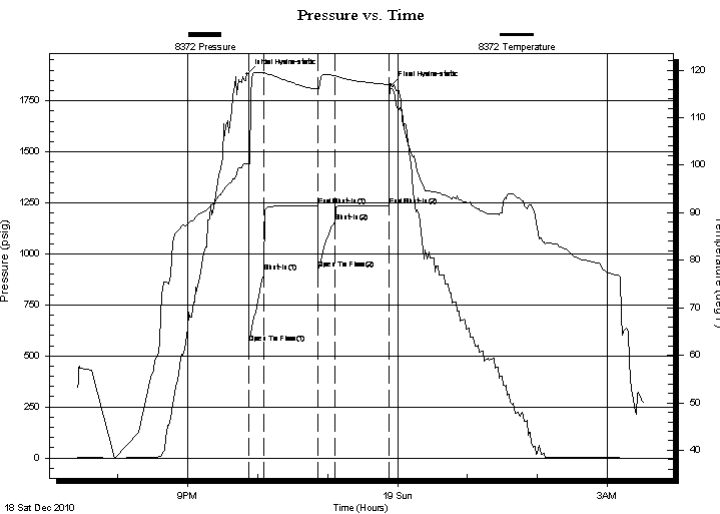
**Carr 1-27**  
**27-21-16/Pawnee**  
Job Ticket: 41405 **DST#: 2**  
Test Start: 2010.12.18 @ 19:25:38

## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 21:52:33  
Time Test Ended: 03:32:32  
Test Type: Conventional Bottom Hole  
Tester: Brian Fairbank  
Unit No: 41  
Interval: **3756.00 ft (KB) To 3859.00 ft (KB) (TVD)**  
Reference Elevations: 2000.00 ft (KB)  
Total Depth: 3859.00 ft (KB) (TVD) 1987.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 13.00 ft

**Serial #: 8372 Inside**  
Press @ Run Depth: 1157.47 psig @ 3766.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2010.12.18 End Date: 2010.12.19 Last Calib.: 2010.12.19  
Start Time: 19:25:38 End Time: 03:32:32 Time On Btm: 2010.12.18 @ 21:51:33  
Time Off Btm: 2010.12.18 @ 23:54:32

**TEST COMMENT:** IFP - BOB 20 sec  
ISI - sur blow back - died 10 min  
FFP - BOB 40 sec  
FSI - no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1882.58	100.29	Initial Hydro-static
1	562.81	99.78	Open To Flow (1)
14	909.00	119.36	Shut-In(1)
60	1236.90	115.98	End Shut-In(1)
61	926.04	115.80	Open To Flow (2)
75	1157.47	118.88	Shut-In(2)
121	1237.16	116.97	End Shut-In(2)
123	1826.22	116.18	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
430.00	MW 95%W, 5%M	4.17
250.00	SM & OCW 5%O, 90%W, 5%M	3.66
680.00	GMOCW 10%G, 20%O, 65%W, 5%M	9.94
250.00	W & OCM 10%O, 5%W, 85%M	3.66
820.00	VSOCM 2%O, 98%M	11.99

## Gas Rates

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



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TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Strata  
PO Box 401  
Fairfield, IL  
62837  
ATTN: Jon Christensen

**Carr 1-27**  
**27-21-16/Pawnee**  
Job Ticket: 41405      **DST#: 2**  
Test Start: 2010.12.18 @ 19:25:38

## 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:	75000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7200.00 ppm			
Filter Cake: inches			

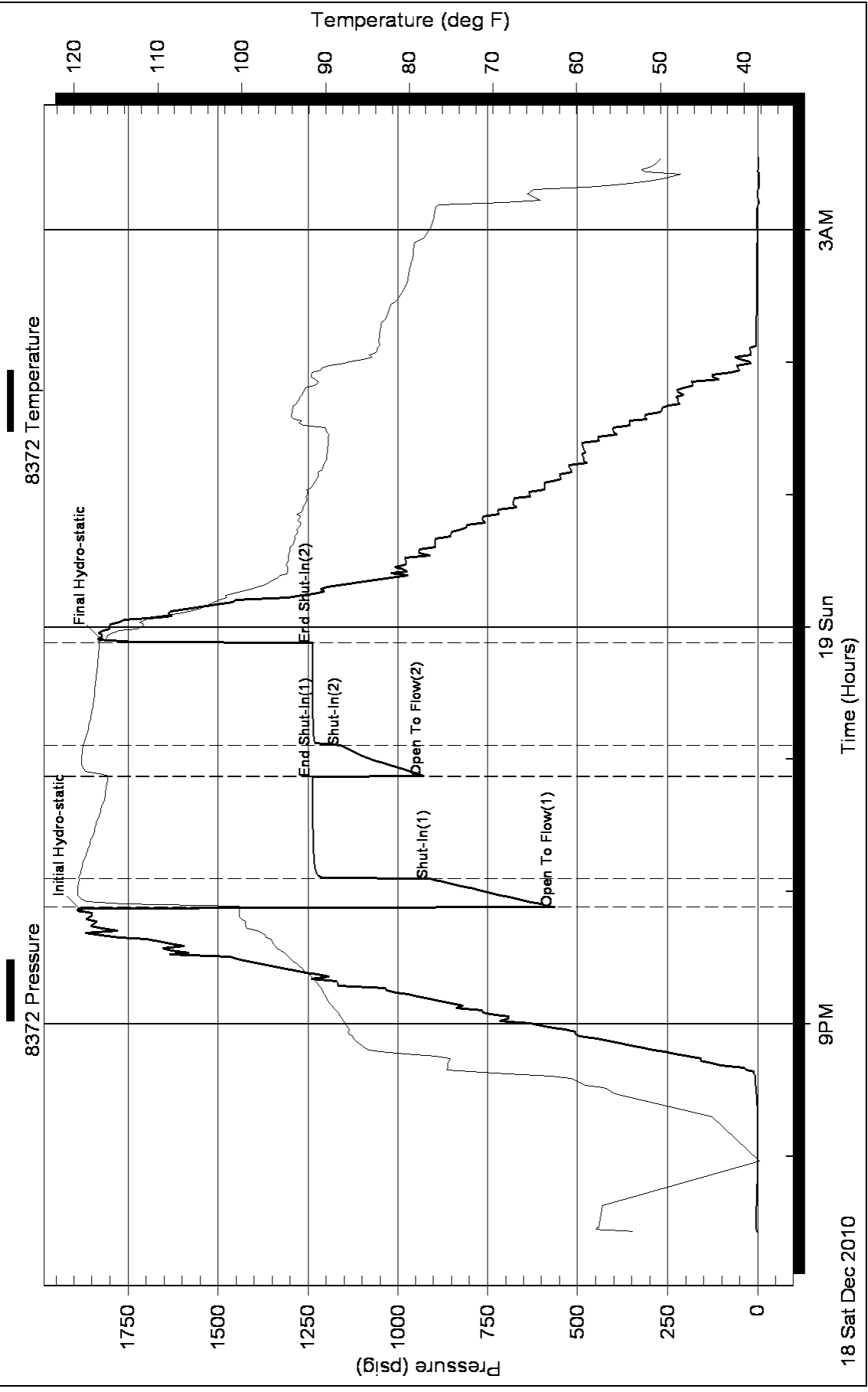
## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
430.00	MW 95%W, 5%M	4.172
250.00	SM & OCW 5%O, 90%W, 5%M	3.656
680.00	GMOCW 10%G, 20%O, 65%W, 5%M	9.944
250.00	W & OCM 10%O, 5%W, 85%M	3.656
820.00	VSOCM 2%O, 98%M	11.992

Total Length: 2430.00 ft      Total Volume: 33.420 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

# Pressure vs. Time





# LITHOLOGY STRIP LOG

## WellSight Systems

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

Well Name: #1-27 Carr  
Location: 1658' FSL & 2273' FWL Sec. 27-T21S-R16W, Pawnee CO. KS.  
Licence Number: 15-145-21620-0000 Region: Larned  
Spud Date: 12/13/10 Drilling Completed: 12/18/10  
Surface Coordinates: 1658' FSL & 2273' FWL, Sec. 27-T21S-R16W

Bottom Hole Same as above  
Coordinates:  
Ground Elevation (ft): 1987' K.B. Elevation (ft): 1999'  
Logged Interval (ft): 1850' To: 3859' Total Depth (ft): 3859'  
Formation: Arbuckle at Total Depth  
Type of Drilling Fluid: Freshwater/Gel to 2801'; Chemical Gel 2801' to TD.

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

### OPERATOR

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

### GEOLOGIST

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

### Cores

None Taken

### DSTs

DST #1(Lansing 'A' & 'B') 3498' - 3538'(Corrected Depths to the LOG) Times 15"-45"-45"-90" IFP Weak 1/4" Blow; FFP Weak 1/4" Blow throughout, no Blowback on SI; REC: 60' GIP, 30' VSOCM(2% O, 98% M), no water; IFP 21-23#, ISIP 576#, FFP 26-30#, FSIP 402#, IHP 1727#, FHP 1650#, BHT 101 Deg. F.

DST #2(Simpson Sand/Arbuckle) 3755' - 3858'(Corrected Depths to the LOG) Test Times 15"-45"-15"-45" IFP Strong Blow BOB/20 Sec.; FFP Strong Blow BOB/40 Sec., Weak surface Blowback on ISI, FSI No Blowback; REC: 2430' Total Fluid: 820' VSOCM(2%O, 98%M), 250' OCWM(10%O, 5%W, 85%M), 680' GHOCMW(10%G, 20%O, 65%W, 5%M), 250' SO&MCW(5%O, 90%W, 5%M), 430' MSW(5%M, 95%W), CI 75,000, Mud 7200; IFP 563-909#, ISIP 1237#, FFP 926-1157#, FSIP 1237#, IHP 1883#, FHP 1826#, BHT 117 Deg. F.

## Comments

12/13/10 MIRU Sterling Drilling Rig #2, Spud at 3:45 PM.; 12/14/10 TD. 997' - Short Trip/Surface Casing; 12/15/10 Drilling at 1450'; 12/16/10 Drilling at 2801'; 12/17/10 TD. 3540' - Mixing Mud/Short Trip for DST #1; 12/18/10 Drilling at 3728'; 12/19/10 RTD. 3859' - CCH for Logs(Log Tech); 12/20/10 RTD. 3859', LTD. 3858' - 5 1/2" Production casing set.

Set 8 5/8"(23#) Surface Casing at 997' w/370 sx. cement(Basic Energy Services). Cement did Circulate. PD. at 12:30 PM. on 12/14/10. Set new 5 1/2"(15.5#) Production casing at 3855' KB. Cemented with 200 sx. Cement(Basic Energy Services). PD. 6:00 AM. 12/20/10.


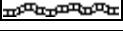
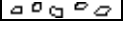

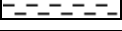







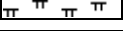

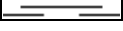
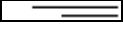
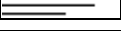
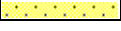

Surveys: 0.75 Deg. at 997'(Surface Casing); 1 Deg. at 3540'(DST #1); 1 Deg. at 3859'(DST #2 and RTD).

Pipe Strap at 3540'(DST #1): Strap 0.02' Short to the Board, no correction made to the Board.







































































After evaluation of the Log Tech openhole logs, DST data, structural position, and positive hydrocarbon showings, the operator elected to set new 5 1/2" 15.5# Production Casing to complete in the Arbuckle.

LOG TOPS: Herington(Chase) 1955(+44), Krider 1970(+29), Topeka 3029(-1030), Queen Hill Shale 3279(-1280), Heebner Shale 3388(-1389), Toronto 3408(-1409), Douglas Shale 3424(-1425), Brown Lmst. 3487(-1488), Lansing 'A' 3496(-1497), Lansing 'B' 3524(-1525), Base Kansas City 3710(-1711), Marmaton 3721(-1722), Conglomerate 3753(-1754), Simpson Shale 3804(-1805), Simpson Sand 3840(-1841), Arbuckle 3854(-1855).

## 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

<b>MINERAL</b>  Anhy  Arggrn  Arg  Bent  Bit  Brecfrag  Calc  Carb  Chtdk  Chtlt  Dol  Feldspar  Ferrpel  Ferr  Glau	 Gyp  Hvymin  Kaol  Marl  Minxl  Nodule  Phos  Pyr  Salt  Sandy  Silt  Sil  Sulphur  Tuff	<b>FOSSIL</b>  Algae  Amph  Belm  Bioclst  Brach  Bryozoa  Cephal  Coral  Crin  Echin  Fish  Foram  Fossil  Gastro  Oolite	 Ostra  Pelec  Pellet  Pisolite  Plant  Strom  <b>STRINGER</b>  Anhy  Arg  Bent  Coal  Dol  Ls  Mrst	 Sltstrg  Ssstrg  <b>TEXTURE</b>  Boundst  Chalky  Cryxln  Earthy  Finexln  Grainst  Lithogr  Microxln  Mudst  Packst  Wackst
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**OTHER SYMBOLS**

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

V Vuggy

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

- ROUNDING**
- R Rounded
  - S Subrnd
  - a Subang
  - A Angular

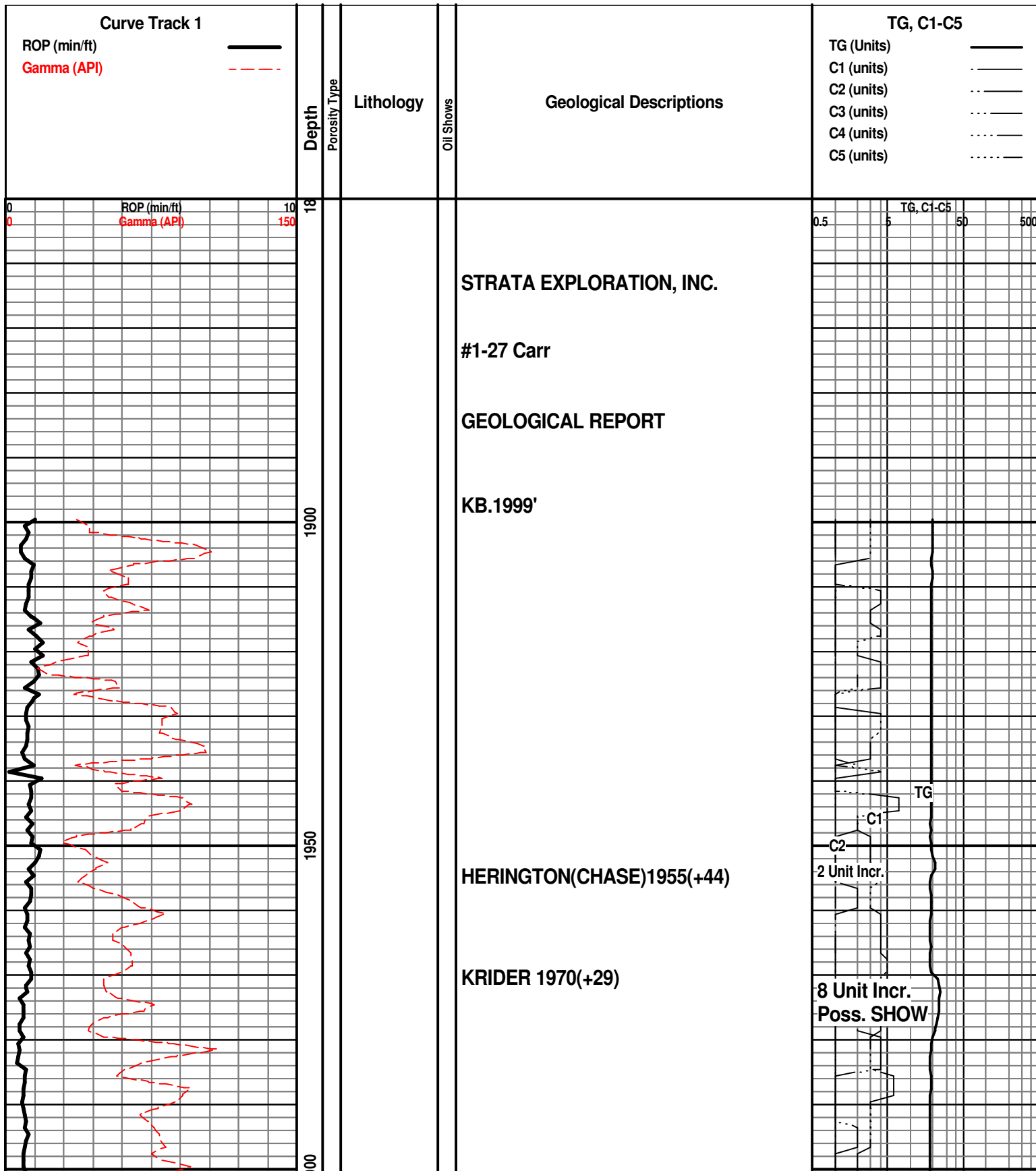
**OIL SHOW**

- Even

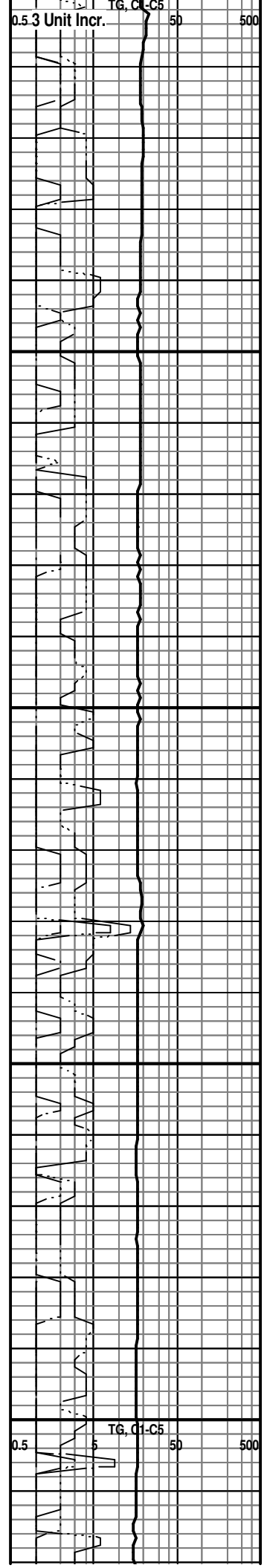
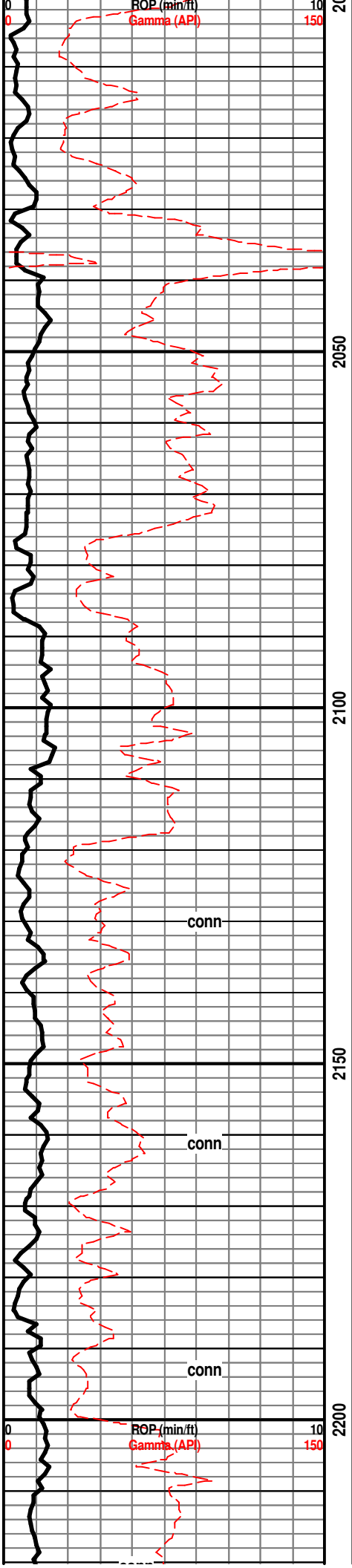
- Spotted
- Ques
- Dead

- INTERVAL**
- Core
  - Dst

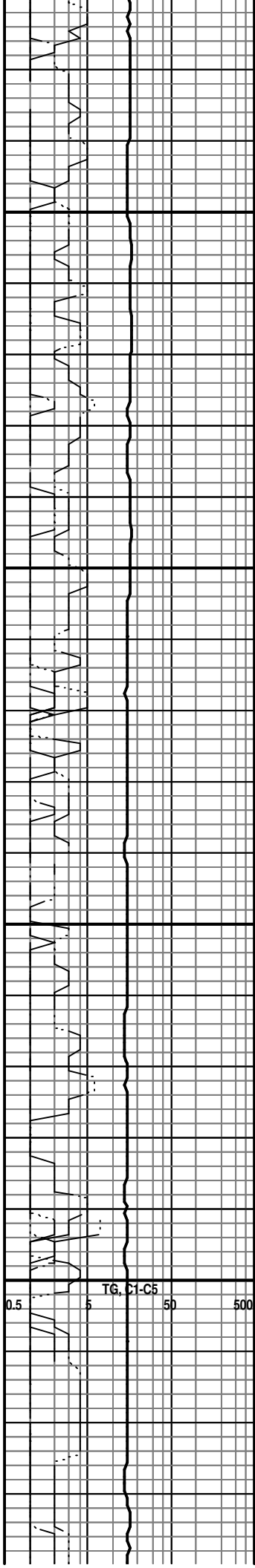
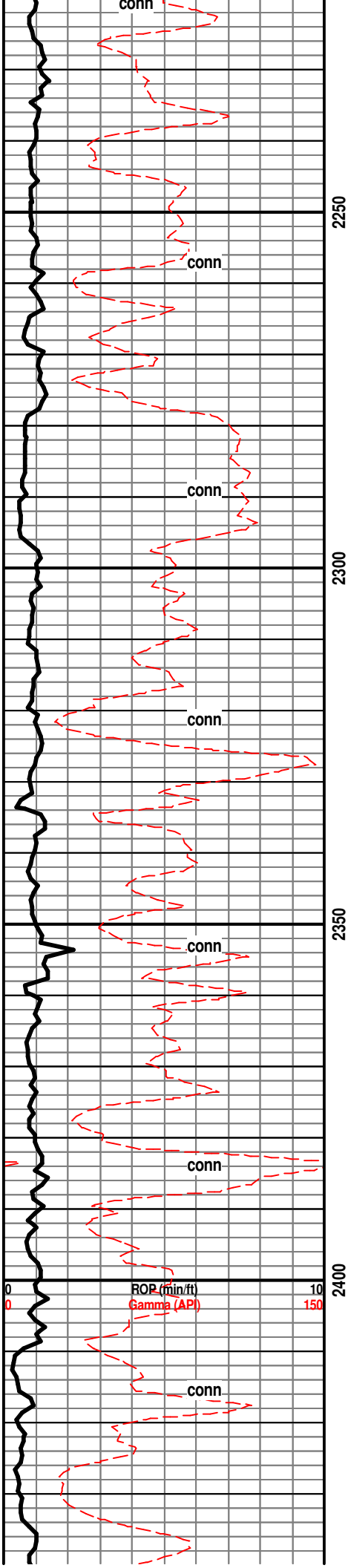
- EVENT**
- Rft
  - Sidewall

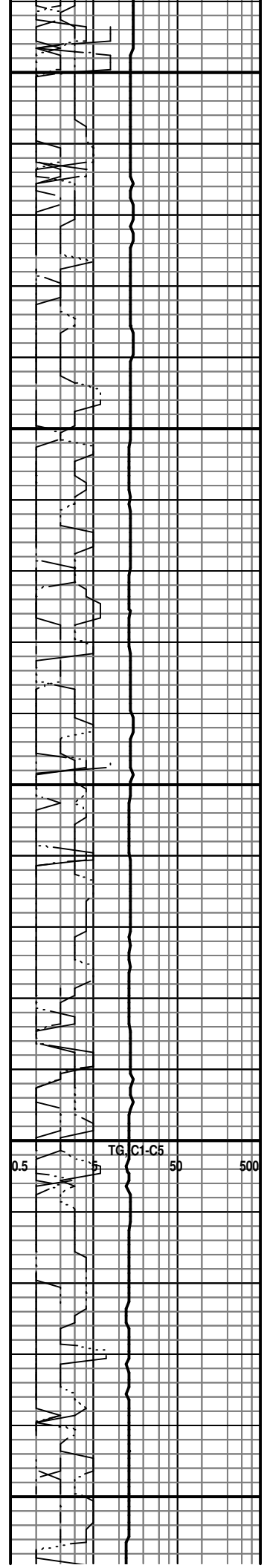
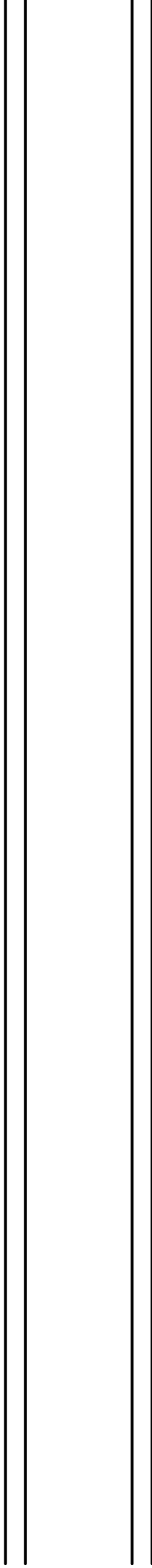
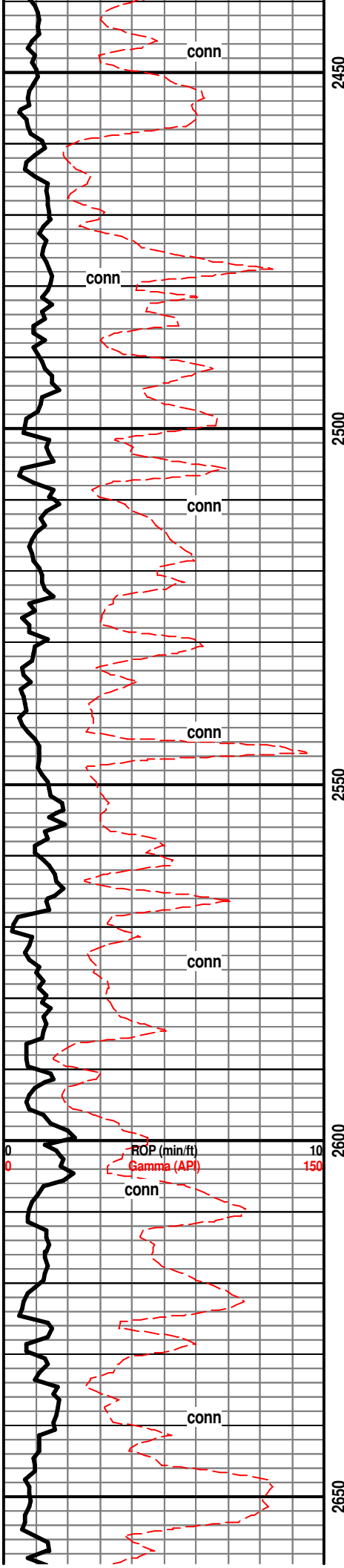


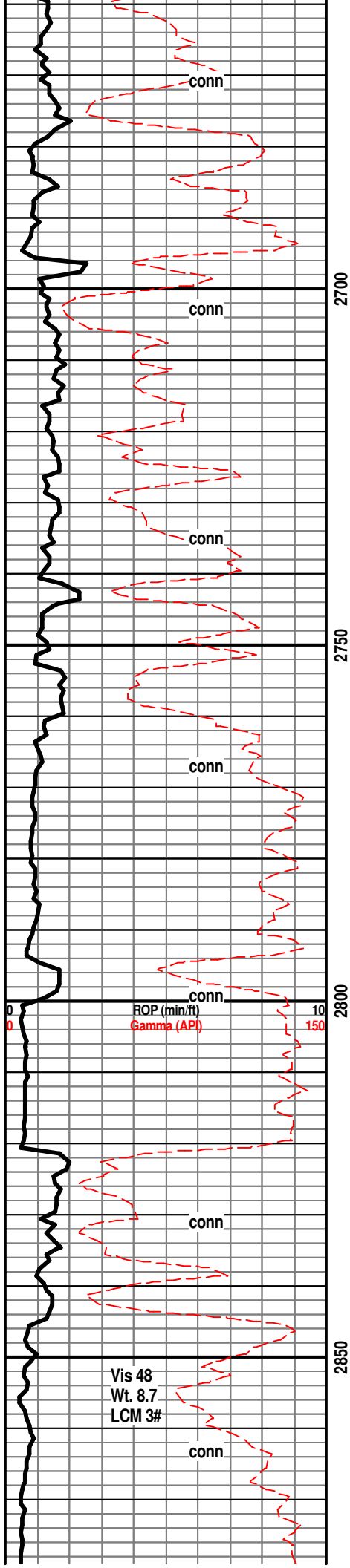
WINFIELD 2003(-4)



COUNCIL GROVE 2278(-279)







2700

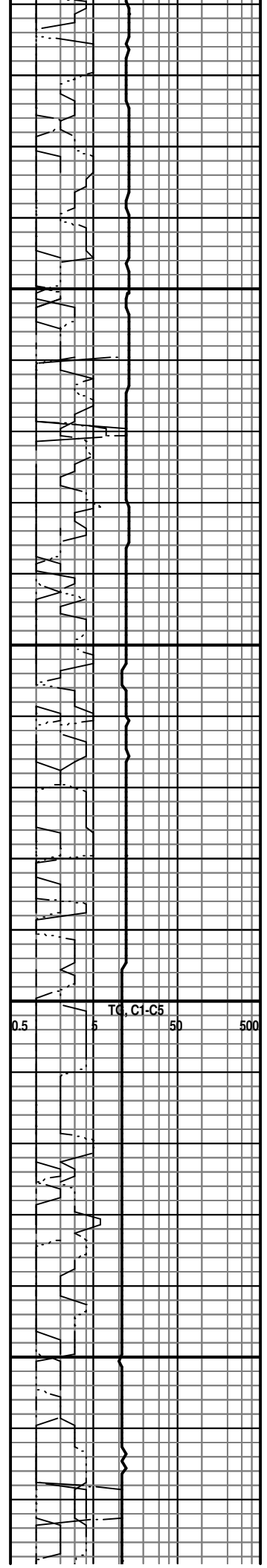
2750

2800

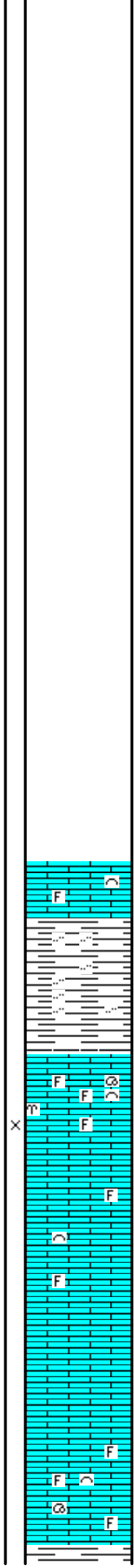
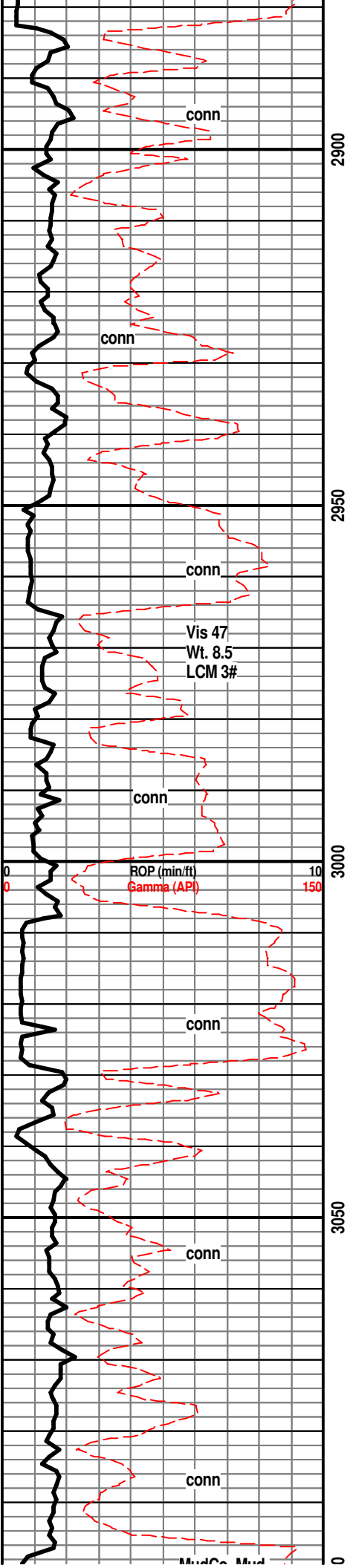
2850

**DISPLACE MUD SYSTEM AT 2801'**

**STOTLER 2821(-822)**



TARKIO 2883(-884)



10' Wet and Dry Samples at 3000'

LM; tan to off wh, foss ip, most tite, dull yel min fluor, ns.

SH; lt to med gy, rare gy grn, fiss, occ silty

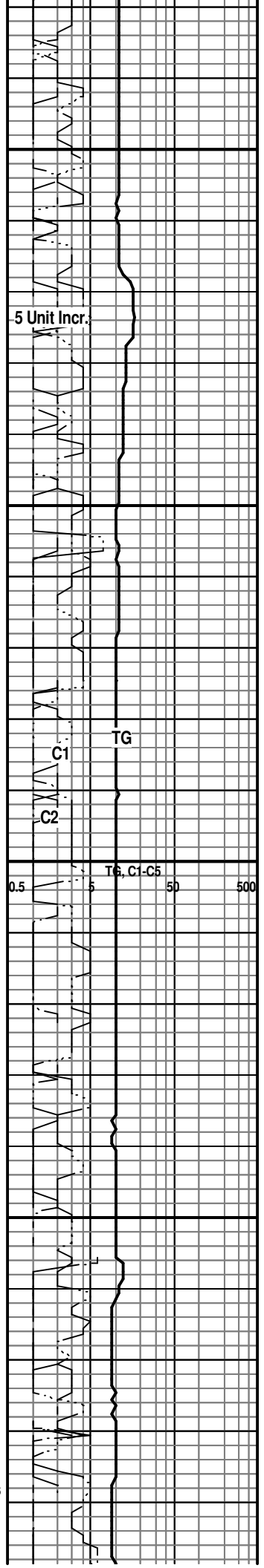
TOPEKA 3029(-1030)

LM; lt brn, foss, gd interpart por, lt to med yel min fluor, no stn or odor, ns.

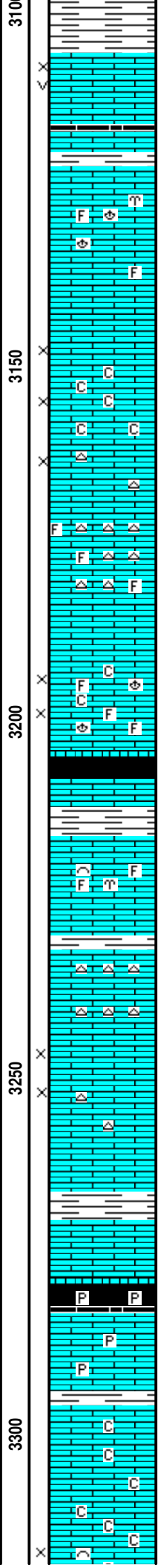
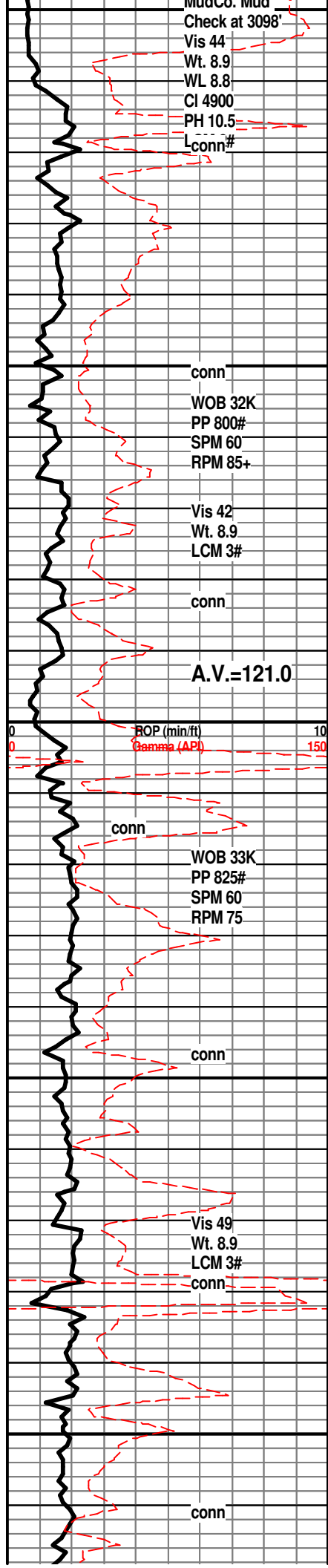
LM; tan to lt brn, fxln, scat foss mat, most well cem, no stn or odor, scat lt yel min fluor only, ns.

LM; med to dk brn, dense, micritic, blocky, no vis por, no stn, ns.

LM; tan to lt brn, rare cream, most dense, scat foss mat, most well cem, dull yel min fluor, no stn or odor, no gas kick, ns.







SH; med to dk gy, fiss

LM; lt gy to lt brn, fxln, fair interxln and scat vug por, no fluor, no stn, ns.

SH; v. dk gy to blk, fiss

LM; tan to lt brn, foss ip, most well cem, occ spar calc xtals, no vis por, dull yel to no fluor, no stn, ns.

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

LM; tan to lt brn, med xln, fair to gd interxln por, occ cherty, lt yel min fluor, no stn, ns.

LM; lt to med brn, hd, blocky, interbdd gy foss cht, most dense, no fluor, ns.

LM; tan to off wh, buff, fxln w/scat foss mat, abnt fusulinids, fair interpart por, minor chalky mtx, dull to lt yel min fluor, no stn or odor, ns.

**KING HILL SHALE 3205(-1206)**  
SH; v. dk gy to blk, thinly bdd

SH; grn, gy grn, platy

LM; tan to lt gy, off wh, f to med xln, little to no vis interxln por, foss ip, most dense, no flour, no stn or odor, ns.

LM; tan to lt brn, buff, most dense, blocky, occ cherty, no vis por, no stn, ns.

LM; lt brn, tan, med xln, scat foss mat, fair to gd p-p por, dull yel min fluor, no stn or odor, ns.

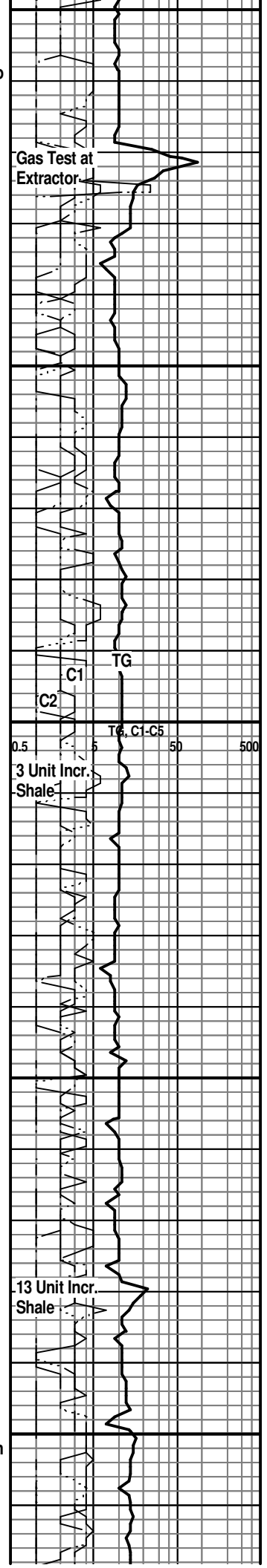
SH; med gy, flakey to splintery

LM; med to dk brn, hd, micritic, tite

**QUEEN HILL SHALE 3279(-1280)**  
SH; blk, carb ip, platy, occ pyr, trc gas

LM; lt gy to lt brn, most dense, occ pyr, micritic, rare well cem foss, no fluor, ns.

LM; off wh, lt brn, tan, fxln, scat chalky mtx, dull yel min fluor, no stn or odor, ns.



WOB 33K  
PP 825#  
SPM 60  
RPM 75

conn

Vis 48  
Wt. 9.1  
LCM 2#

conn

A.V.= 121.0

ROP (min/ft)  
Gamma (API)

conn

conn

WOB 32K  
PP 825#  
SPM 60  
RPM 75

conn

Vis 48  
Wt. 9.1  
LCM 2#

conn

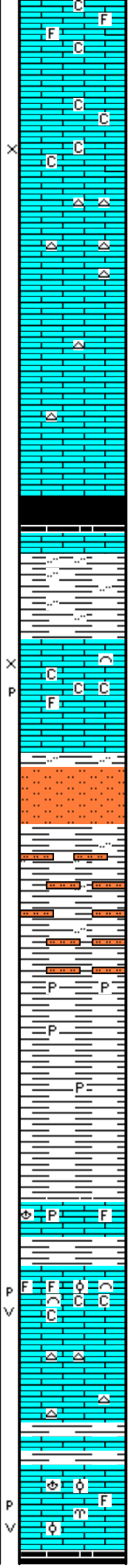
CFS. at 3514'  
DST #1  
Lans A + B  
3498' - 3538'  
Corrected to  
Log  
conn

3350

3400

3450

3500



LM; tan to cream, off wh, fxln w/scat foss mat, fair interpart por, occ chalky mtx, rare dull yel min flour, ns.

LM; tan to cream, buff, fxln, minor chalky mtx, scat lt gy to tan - off wh cht, no vis por, no stn or odor, ns.

LM; tan to lt brn, cream, fxln, scat soft chalky mtx, no flour, minor amt. of cht, no stn, ns.

**HEEBNER SHALE 3388(-1389)**

SH; blk, carb ip, platy

LM; med brn, hd, blocky

SH; med gy grn, silty ip, soft to sticky

**TORONTO 3408(-1409)**

LM; off wh, tan to buff, f xln, rare foss mat, much soft chalky mtx, occ gy cht, poor to fair p-p and interxln por, lt yel min flour, no stn or odor, ns.

**DOUGLAS SHALE 3424(-1425)**

SLTST; rust red, red brn, gy, soft

SH; most med gy, firm, silty w/interbdd sltst.

SH; med gy, occ lt gy, fiss to platy, scat pyr

SH; lt to med gy, soft, sticky, platy

**BROWN LMST. 3487(-1488)**

LM; med brn, foss ip, dense, micritic, pyr ip.

**LANSING 'A' 3496(-1497)**

LM; off wh, wh, foss ip, occ soft chalky mtx, fair p-p por, rare small vug por, spotted to even lt brn oil stn, med yel flour, faint to fair odor, VSSFO, med golden yel flour, fair to gd cut, some very tite - bleeding oil

LM; off wh, wh, fxln to sucrosic text, most dense, cherty, no vis por, ns.

**LANSING 'B' 3524(-1525)**

LM; off wh, foss to fxln, some well dev. p-p and vug por, med to brite yel flour, gd oil odor, SSFO, few gas bubbles, gd streaming cut

SH; dk gy to blk, platy

23 Unit Incr. Shale

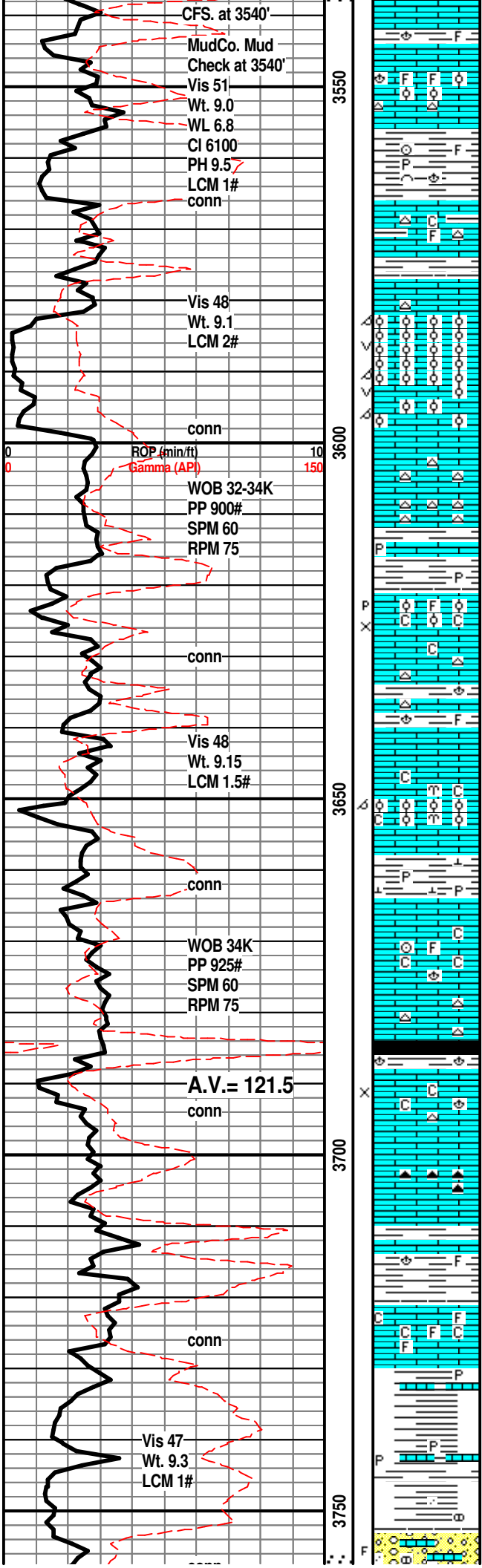
Recycle Shale

3 Unit Incr. SHOW

GAS Line Partially plugged off - Readings muted

20 Unit Incr. SHOW

0.5 5 50 500



**DST #1: Lansing 'A' + 'B' 3498'- 3538'**  
**Corrected Depths to the LOG**  
 LM; med brn, v. foss - partly oolitic, most well cem, trc dk brn to blk dead oil stn, lt yel fluor, no odor, most looks tite, occ cherty

SH; dk gy, fiss, occ foss, rare pyr

LM; med gy to gy brn, shaly ip, hd, interbdd foss cht, tite

**LANSING 'G' POROSITY 3582(-1583)**  
 LM; lt gy to lt brn, tan, oolitic, most well dev. oomoldic por, some vug por, brittle ip, most rextalized, lt yel min fluor, no stn or odor, no gas kick, barren, ns.

LM; tan to buff, lt brn, most dense, micritic, occ cherty, tite

SH; med to dk gy, platy, occ pyr

**LANS/K.C. 'H' 3621(-1622)**  
 LM; lt brn, tan, foss, partly oolitic, fair interpart w/some p-p por, scat soft chalky mtx, dull yel to no fluor, no stn or odor, ns.

SH; med gy to grn, foss ip, platy

LM; tan to buff, off wh, foss to oolitic, fair to gd oomoldic por, much soft chalky mtx, dull yel min fluor, no stn or odor, ns.

SH; med gy grn, firm, pyr ip, calc

**K.C. 'J' 3664(-1665)**  
 LM; off wh, buff, tan, foss ip, well cem, occ chalky mtx, no vis por, dull yel min fluor, no stn or odor, ns.

SH; dk gy to blk, platy, occ foss

LM; tan to off wh, lt brn, gran to cse xln, fair to gd interxln por, minor soft chalky mtx, lt to med yel min fluor, no stn or odor, ns.

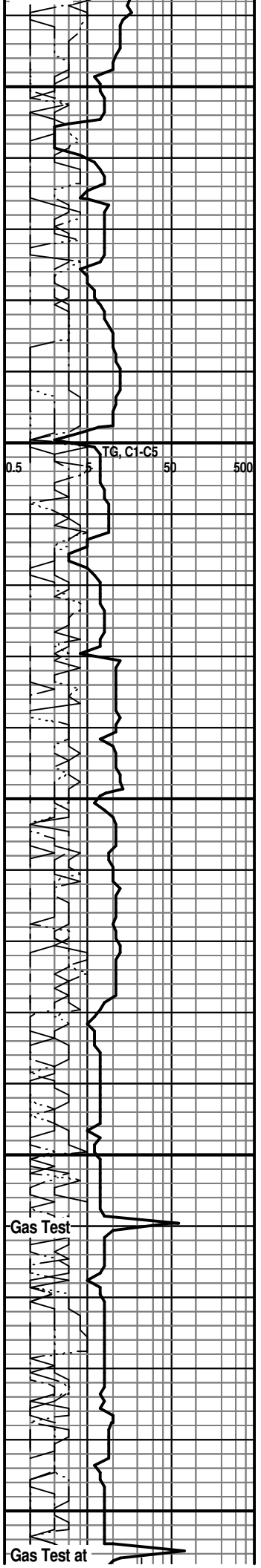
LM; tan to lt brn, most dense, micritic, blocky, intergdd med to dk gy cht, no vis por, ns.

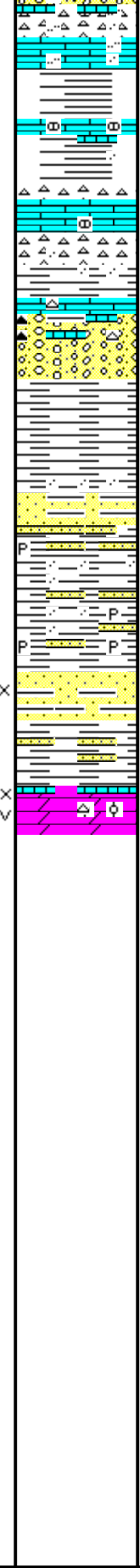
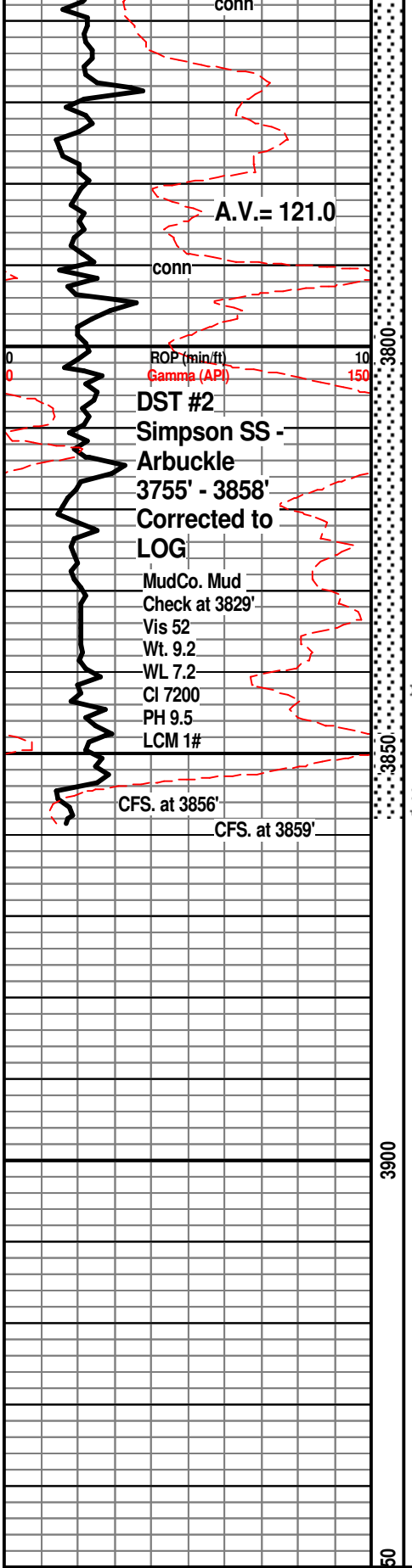
**BASE KANSAS CITY 3710(-1711)**  
 SH; varic, most rust red, grn, brn, foss ip, scat pyr, interbdd hd lmst strngs.

**MARMATON 3721(-1722)**  
 LM; tan to off wh, buff, med xln w/scat foss mat, much soft chalky mtx, dull yel to no fluor, no vis por, no stn, ns.

SH; varic, grn, rust red, brn, dk gy, fiss, interbdd thin hd lmst strngs, occ pyr

**CONGLOMERATE 3753(-1754)**  
 CHT & LMST: varic cht. ora. off wh. much weathered





nodular brn/brn and grn lmst, no vis por, frags in cht, dull yel fluor, interbdd tan to pale org gritty lmst

SH; varic, platy to flakey, scat weathered nodular lmst.

CHT & LMST; varic, weathered nodular red and grn lmst, org, yel and off wh cht, dull to lt yel min fluor, no stn or odor, ns.

CONGLOM; grn to yel, wh, sandy grn shales, hd, some nodular lmst

**SIMPSON SHALE 3804(-1805)**

SH; varic, much maroon, rust red/brn, brite grn, soft and sticky - some sloughing shale

SS; dk gy-clr, f gr, v. shaly, hd, some qtzitic, some blk dead oil flakes ns.

SH; sea grn/turquoise, platy/gumbo-sticky, med gr qtz ss w/dk brn residual oil stn, gd to strong odor, med golden yel fluor, occ hd pyr clusters

**SIMPSON SAND 3840(-1841)**

SS; clr, lt brn, f to med gr, clusters, most fri, shaly ip, brite golden yel fluor, even med brn stn to oil saturated, fair to gd por, SFO, gd odor, v. gd cut

**ARBUCKLE 3854(-1855)**

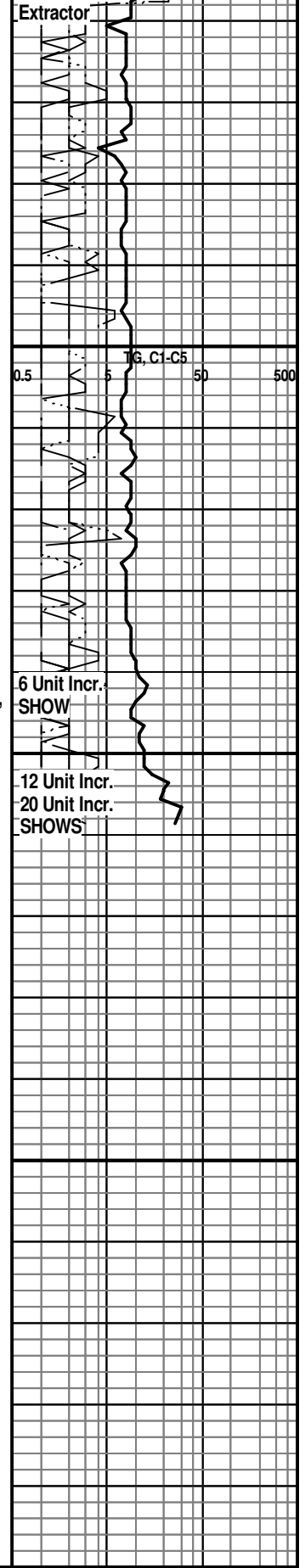
DOL; wh to tan/brn, med to csely rhombic, fair to gd interxln w/occ well dev. lrg vug por, fair to GSFO, gd/strong odor, hd lmy dolo at top, med to brite yel fluor, gd to exc. cut, trc oolitic cht

**DST #2: SimpSS/Arbuckle 3755'-3858' Corrected Depths to the LOG**

RTD. 3859' at 12:15 PM. 12/18/10

LTD. 3858'

LOG TECH: DIL, Dual Porosity, Microlog, B.H. Gamma Ray





PAGE 1 of 1	CUST NO 1004072	INVOICE DATE 12/17/2010
INVOICE NUMBER 1718 - 90479927		

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

J LEASE NAME Carr 1-27  
 O LOCATION  
 B COUNTY Pawnee  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T  
 E JOB CONTACT

**PAID**  
 12-28-10  
 FNB SA # 6473

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40263677	20920		Net - 30 days	01/16/2011

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 12/14/2010 to 12/14/2010</i>				
0040263677				
171803095A Cement-New Well Casing/Pi 12/14/2010 8 5/8" Surface				
A-Con Blend Common	195.00	EA	12.96	2,527.13 T
Common	175.00	EA	11.52	2,015.94 T
Cello-flake	93.00	EA	2.66	247.75 T
Calcium Chloride	1,047.00	EA	0.76	791.51 T
Cement Gel	330.00	EA	0.18	59.40 T
Top Rubber Cement Plug 8 5/8"	1.00	EA	162.00	162.00
Guide Shoe-Regular 8 5/8" (Blue)	1.00	EA	273.59	273.59
Flapper Type Insert Float Valves 8 5/8"	1.00	EA	201.59	201.59
8 5/8" Basket (Blue)	1.00	EA	226.79	226.79
Unit Mileage Charge-Pickups, Vans & Cars	55.00	HR	3.06	168.30
Heavy Equipment Mileage	110.00	MI	5.04	554.38
Proppant and Bulk Delivery Charges	960.00	MI	1.15	1,105.89
Depth Charge; 1001-2000'	1.00	HR	1,079.97	1,079.97
Blending & Mixing Service Charge	370.00	MI	1.01	372.95
Plug Container Utilization Charge	1.00	EA	179.99	179.99
Supervisor	1.00	HR	126.00	126.00

LEASE # 1-27  
 DESI CEMENT SURF. CASING  
 DRL COM LOE G/L 71730  
 LEV P/R 5 12/22  
 D/D 12/23

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	10,093.18
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	468.26
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	10,561.44
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



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

FIELD SERVICE TICKET  
 1718 03095 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB: 12-14-10	DISTRICT: PRATT, KS	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: CARR		1-27		WELL NO.:				
ADDRESS:		COUNTY: PAWNEE		STATE: KS						
CITY:		STATE:		SERVICE CREW: Sullivan, Madison, Phye						
AUTHORIZED BY:		JOB TYPE: CDW 8 7/8 Surface								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
33708-20920	45 min					12-14-10				0530
19960-19918	45 min									0800
19867										1140
										1225
										1300
						MILES FROM STATION TO WELL		55		

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
CP 101	A-cow Blend	SK	195		3510 00
CP 100	Common cmt	SK	175		2800 00
CC 102	coll-fake	lb	93		344 10
CC 109	calcium chloride	lb	1047		1,099 35
CC 200	cmt gel	lb	330		82 50
CF 105	TOP Rubber plug 8 7/8	EA	1		225 00
CF 253	guide shoe	EA	1		380 00
CF 1453	Insert float	SA	1		280 00
CF 1903	Basket	SA	1		315 00
E 100	pickup mixeye	mi	55		233 75
E 101	Heavy End, midsize	mi	110		770 00
E 113	Bulk Delay	TM	960		1,535 60
CE 202	Depth change 100' - 2000'	EA	1		1,500 00
CE 240	Blend-mixing device	SK	370		518 00
CE 504	plug controller Reel	SA	1		250 00
S 003	Schwieb Suspension	PA	1		175 00

CHEMICAL / ACID DATA:			

SUB TOTAL		
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		DLS 10,093 18

*Thank you*

SERVICE REPRESENTATIVE: <i>Robert Johnson</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i>
FIELD SERVICE ORDER NO.:	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



energy services, L.P.

TREATMENT REPORT

Customer STRATA Exploration	Lease No.	Date 12-14-10	
Lease CARR	Well # 1-27		
Field Order # 3095	Station PRATT KS	Casing 8 5/8	Depth 497'
Type Job CNW 8 5/8 Surface	Formation	County RAWLINS	State KS
		Legal Description 27-21-10	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 497'	Depth	From	To	Pre Pad	Max		5 Min.
Volume 61	Volume	From	To	Pad	Min		10 Min.
Max Press 200	Max Press	From	To	Frac	Avg		15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 754'	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager DAVE SCOTT	Treater Robert Sullivan
Service Units 19867 33705 20920 19960 19712		
Driver Names Sullivan Nelson	Phyll	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0800					ON loc. Sat, med
					Run 23 J.T.S 8 5/8 #23 CS9
1115					CASING ON BOTTOM
1125					HOOK UP TO CIR
1140	200		3	4	Set Spacer
			85	5	mix bed cmt 195 sk A-con Blend
			41		mix Tail cmt 175 cement 2% gel 3% co 4/16
					Shut down AND Release Plug
1210				4	Set Plug
1225	700		61		plug down
					circ 15 BBL cmt to pit
					JOB Complete
					Thank you



PAGE 1 of 1	CUST NO 1004072	INVOICE DATE 12/21/2010
<b>INVOICE NUMBER</b> <b>1718 - 90484067</b>		

Pratt (620) 672-1201

B STRATA EXPLORATION  
 I PO Box: 401  
 L FAIRFIELD  
 L IL US 62837  
 T  
 O ATTN:

J LEASE NAME Carr 1-27  
 O LOCATION  
 B COUNTY Pawnee  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T  
 E JOB CONTACT

**PAID**  
 1-18-11  
 FNB SA# 6563

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40265643	19905		Net - 30 days	01/20/2011

**For Service Dates: 12/20/2010 to 12/20/2010**

0040265643

171803152A Cement-New Well Casing/Pi 12/20/2010  
 5 1/2" Longstring

LEASE	LEV	P/P
CARR #1-27	5	1/6
DES	A/P	
CEMENT LONGSTRING	1/4	
RL C/L	LOE	G/L
X		73551/
		15,506.29

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
50/50 POZ	200.00	EA	7.92	1,584.03 T
60/40 POZ	50.00	EA	8.64	432.01 T
Cello-flake	50.00	EA	2.66	133.20 T
Cal-Set	840.00	EA	0.54	453.61 T
FLA-322	84.00	EA	5.40	453.61 T
KCL Potassium Chloride	453.00	EA	1.08	489.25 T
Gilsonite	1,200.00	EA	0.48	578.89 T
5 1/2" Port Collar	1.00	EA	2,520.05	2,520.05
Cementing Shoe Packer Type 5 1/2" (Red)	1.00	EA	2,664.06	2,664.06
Latch Down Plug & Baffle 5 1/2" (Blue)	1.00	EA	288.01	288.01
Turbolizer 5 1/2" (Blue)	12.00	EA	79.20	950.42
5 1/2" Basket (Blue)	2.00	EA	208.81	417.61
Industrial Rubber Thread Lock Kit	1.00	EA	24.48	24.48
Mud Flush	1,000.00	EA	0.62	619.21 T
Unit Mileage Charge-Pickups, Vans & Cars	55.00	HR	3.06	168.30
Heavy Equipment Mileage	110.00	MI	5.04	554.41
Proppant and Bulk Delivery Charges	580.00	MI	1.15	668.17
Depth Charge; 3001-4000'	1.00	HR	1,555.23	1,555.23
Blending & Mixing Service Charge	250.00	MI	1.01	252.00
Plug Container Utilization Charge	1.00	EA	180.00	180.00
Supervisor	1.00	HR	126.00	126.00

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	15,112.55
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	393.74
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	15,506.29
DALLAS, TX 75284-1903	MIDLAND, TX 79702		





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

FIELD SERVICE TICKET  
1718 03152 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

JOB NO. <b>17-20-10</b> DISTRICT <b>KANSAS</b>		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 <b>Strata Exploration</b>		LEASE <b>Carr</b> WELL NO. <b>1-27</b>							
ADDRESS _____		COUNTY <b>Pawnee 27-21-16</b> STATE <b>KANSAS</b>							
CITY _____ STATE _____		SERVICE CREW <b>A. Worth, M. Math, L. Wiser</b>							
AUTHORIZED BY _____		JOB TYPE: <b>5 1/2" Long String PKR. Shoe CNW</b>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<b>28443 P.U.</b>	<b>2 1/2</b>						<b>12-19-10</b>	<b>PM</b>	<b>730</b>
<b>19903-19905</b>	<b>2 1/2</b>					ARRIVED AT JOB	<b>12-19-10</b>	<b>AM</b>	<b>945</b>
	<b>2 1/2</b>					START OPERATION	<b>12-20-10</b>	<b>AM</b>	<b>400</b>
<b>19832-19862</b>						FINISH OPERATION	<b>12-20-10</b>	<b>AM</b>	<b>630</b>
						RELEASED	<b>12-20-10</b>	<b>AM</b>	<b>715</b>
						MILES FROM STATION TO WELL			<b>55-miles</b>

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: *Michael Polley*  
(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	KCP (Potassium Chloride)	lb	453		\$ 679.50
CC201	Gilsonite	lb	1200		\$ 804.00
CF951	5 1/2" Port Collar	EA	1		\$ 3500.00
CF1001	cementing Shoe PKR Type 5 1/2" Red	EA	1		\$ 3700.00
CF607	Latch down Plug + Baffle 5 1/2" Blue	EA	1		\$ 400.00
CF1651	Turbolizer 5 1/2" Blue	EA	12		\$ 1320.00
CF1901	5 1/2" Basket Blue	EA	2		\$ 580.00
CF3000	Industrial Rubber Thread Lock	EA	1		\$ 340.00
CC151	mud Flush	gal	1000		\$ 860.00

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: *Allen F. Wench* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Michael Polley*  
FIELD SERVICE ORDER NO. \_\_\_\_\_ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)



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

FIELD SERVICE TICKET  
 1718 03153 A

DATE: 12-20-10 TICKET NO.: 03152A

NEW WELL  OLD WELL  PROD  INJ  WDW  CUSTOMER ORDER NO.:

CUSTOMER: Strata Exploration LEASE: Carr WELL NO.: 1-27

ADDRESS: COUNTY: Pawnee 27-21-16 STATE: KANSAS

CITY: STATE: SERVICE CREW: A. Werth, M. Mathaly, L. Wisner

AUTHORIZED BY: JOB TYPE: 5 1/2" Long String w/ PKR Shoe CWD

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
28443 P.U.	2 1/2				
19903-19905	2 1/2				
19832-19802	2 1/2				

TRUCK CALLED	DATE	AM	PM	TIME
ARRIVED AT JOB	12-19-10			730
START OPERATION	12-20-10			945
FINISH OPERATION	12-20-10			630
RELEASED	12-20-10			715
MILES FROM STATION TO WELL	5.5 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: *Michael Polley*  
 (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	55		\$ 233.75
E101	Heavy Equip. mileage	mi	110		\$ 770.00
E113	Bulle Oblivion Charge	7m	580		\$ 928.40
E204	Depth Charge 3001-4000'	4-hr	1		\$ 2180.00
E240	Blending & mixing service chg.	SK	250		\$ 350.00
E204	Plus container utilization chg.	Job	1		\$ 250.00
8003	Service Supervisor first 8hrs dula	EA	1		\$ 175.00

CHEMICAL / ACID DATA:


SUB TOTAL		15,112.55
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		DL5 \$15,112.55

REPRESENTATIVE: *Michael Werth* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Michael Polley*

SERVICE ORDER NO. (WELL OWNER OPERATOR CONTRACTOR OR AGENT)



gy services, L.P.

TREATMENT REPORT

Prata Exploration  
CARR

Lease No. \_\_\_\_\_ Date 12-20-10

Well # 1-27

Order # 3152A Station Pratt Casing 5/2 Depth 3855 County Pawnee State KS

Type Job 5/2 Long String w/ PKR Shoe Formation CNW TO 3859' Legal Description 27-21-16

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size'	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
5/2		24		50/50 Poz		Max 14#/gal		5 Min.
Depth 3855'	Depth	From	To 200 SK	Pre Pad		Min Rat Hole		10 Min.
Volume 91 BBL	Volume	From	To 30 SK	Pad		Avg mouse hole		15 Min.
Max Press 1500#	Max Press	From	To 20 SK	Frac		HHP Used		Annulus Pressure
Well Connection PC	Annulus Vol.	From	To			Gas Volume		Total Load
Plug Depth 3813'	Packer Depth	From	To	Flush Disp H2O				

Customer Representative Michael Potter Station Manager Scotty Treater Allen F. Werth

Service Units 28443 19903 19905 19932 19962

Driver Names worth mike ma Hal Lucas wisser

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
945					Sterling
					on Loc. Discuss Safety, Setup Plan Job
					Righting down collars.
1100					out of hole w/DP Lay down Kelly
					Rig up to Run 5/2" casing. 15.5'
1250					Start 5/2" casing. Shoe Joint-42'
					w/ PKR shoe, + L.O. Baffle in collar
					cent. 1-3-8-13-18-23-28-33
					39-42-44-46- Baskets-2+40
					Port collar on 41
					circ hole on Number 30
					circ. hole on Number 60
					Air. pipe down to Tag. solid Bottom
					15' IN AIR. Pipe @ 3855
410.					circ w/ rig. good circ.
525			24	5	Pump 24 BBLs mud Flush After we
	1200#				Drop. BALL To Set PKR Shoe w/ TRK.
	2000#		5	5	Pump. 5 BBL H2O.
				5	mix + pump 200 SKS AA2-
			48		Finish mix, wash out Pump + Line.
				6	Drop @ L.O. Plug + st Disp.
	300#			4	caught List.
	1500#		91	3	Plug down: Release.



PAGE 1 of 1	CUST NO 1004072	INVOICE DATE 02/28/2011
<b>INVOICE NUMBER</b> <b>1718 - 90533711</b>		

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

J LEASE NAME Carr 1-27  
 O LOCATION  
 B COUNTY Pawnee  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T  
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40289649	20920		Net - 30 days	03/30/2011

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<b>For Service Dates: 02/25/2011 to 02/25/2011</b>				
0040289649				
171803404A Cement-New Well Casing/Pi 02/25/2011 Port-Collar				
A-Con Blend Common	160.00	EA	13.50	2,159.79 T
Common	50.00	EA	12.00	599.95 T
Cello-flake	41.00	EA	2.77	113.76 T
Calcium Chloride	453.00	EA	0.79	356.71 T
Unit Mileage Charge-Pickups, Vans & Cars	65.00	HR	3.19	207.17
Heavy Equipment Mileage	130.00	MI	5.25	682.44
Proppant and Bulk Delivery Charges	644.00	MI	1.20	772.73
Depth Charge; 2001-3000'	1.00	HR	1,349.88	1,349.88
Blending & Mixing Service Charge	210.00	MI	1.05	220.48
Supervisor	1.00	HR	131.24	131.24

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,594.15
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	268.11
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	6,862.26
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

**BASIC** SM  
**ENERGY SERVICES**  
 PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET  
 1718 03404 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

2-25-11 DISTRICT Pratt KS

CUSTOMER STRATA - EXPLORATION

LEASE CARR 1-27 WELL NO. \_\_\_\_\_

COUNTY Lawnee STATE KS

SERVICE CREW Sullivan, mlsary, Phye

AUTHORIZED BY \_\_\_\_\_ JOB TYPE: cnw port-cotton

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
33708-20920	1						2-24-11			730
19960-19918	1									1000
19866										1115
										1245
										1315
						MILES FROM STATION TO WELL				65

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).  
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SIGNED: [Signature]  
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A-conc cement	sk	160		2,880.00
CP 100	concrete	sk	50		800.00
CC 102	cellulose	lb	41		151.70
CC 109	calcium chloride	lb	453		415.65
E 100	portland cement	mi	65		276.25
E 101	Heavy Spt moly	mi	130		910.00
E 113	Bulk Nelson	ton	944		1,029.60
CE 203	Depth - Charge 2001-2000'	EA	1		1,800.00
CE 240	Blasting - mining	sk	210		294.00
S 203	Sealant Sulfur based	EA	1		175.00

CHEMICAL / ACID DATA:			

SUB TOTAL			
SERVICE & EQUIPMENT	% TAX ON \$		
MATERIALS	% TAX ON \$		
<u>Thank you</u>	TOTAL	DLS	61,594 15

SERVICE REPRESENTATIVE Robert Jullman

FIELD SERVICE ORDER NO. \_\_\_\_\_

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

Lease No. TRATA-Exploration		Date 3-25-11	
Well # 1-27			
Order # 404	Station PRA # KS	Casing 3/4	Depth
Type Job CNW Port. collar		County PAWNEE	State KS
Formation		Legal Description 27-21-16	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size 2 3/8	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth	Depth 2140	From	To	Pre Pad	Max		5 Min.
Volume	Volume 17.4	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative			Station Manager DAVE SCOTT			Treater Robert L. New		
Service Units	19866	33708	70920	19960	19918			
Driver Names	Callahan	MALSON	PAYE					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1000 am					on bc softy mthy
1115		1500			TEST
1120					Release Psi. OPEN TOOL
		900		1/2	
		1200			Tool open
		250	7	1 1/2	Psi Pumping INTO
1125				1 1/2	St mixing cont good circulation
		250		2	INCREASE RATE
1200				3	cont mix-d st Deep
1206			86		shut down NO cont TO P.4
		400			But Last 4 BBL Deep lift Psi.
					close Tool
		950			Psi. Test
					Release Psi. Run 5 FTS
1225		200		2	Revised out
1240			23		shut down
		1500			Test Tool
					Release Psi
					JOB complete
					Thank you

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/>

Thomas E. Wright, Chairman  
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

March 10, 2011

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

Re: ACO1  
API 15-145-21620-00-00  
Carr 1-27  
SW/4 Sec.27-21S-16W  
Pawnee 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