

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1238708
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: _____

1238708

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 <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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Oolite Energy Corp
Well Name	Stoltzfus 4-3
Doc ID	1238708

All Electric Logs Run

Array Compensated True Resistivity Log
Borehole Compensated Sonic Array Log
Spectral Density Dual Spaced Neutron Log
Microlog
Cement Bond Log

Form	ACO1 - Well Completion
Operator	Oolite Energy Corp
Well Name	Stoltzfus 4-3
Doc ID	1238708

Tops

Name	Top	Datum
Herrington	2662	-145
Krider	2706	-189
Winfield	2758	-241
Ft Riley	2879	-362
Wreford	2990	-473
Council Grove	3037	-520
Heebner	4409	-1892
Toronto	4455	-1938
Lansing	4569	-2052
Kansas City	4818	-2301
Marmaton	5203	-2686
Novinger	5272	-2755
Cherokee Sh	5404	-2887
Atoka	5604	-3087
Morrow	5719	-3202
Chester	5822	-3305
St Gen	6166	-3649
St Louis	6278	-3761

Customer <i>Dolite</i>	Lease No.	Date <i>10-3-14</i>
Lease <i>Stoltz FMS</i>	Well # <i>4.3</i>	Service Receipt <i>21046</i>
Casing <i>8 5/8</i>	Depth <i>1570</i>	County <i>Meade</i> State <i>KS</i>
Job Type <i>242 Surface</i>	Formation	Legal Description <i>3-34-29</i>

Pipe Data		Perforating Data		Cement Data
Casing size <i>8 5/8</i>	Tubing Size	Shots/Ft		Lead <i>385 sk / 1.6m</i> <i>295 ft 75k</i>
Depth <i>1577</i>	Depth <i>5542</i>	From	To	
Volume <i>986 1/5</i>	Volume	From	To	<i>18.6d sk 11.4#</i>
Max Press <i>1800</i>	Max Press	From	To	Tail in <i>140 Class C</i>
Well Connection <i>8 5/8</i>	Annulus Vol.	From	To	<i>1.71542 sk</i>
Plug Depth <i>1535</i>	Packer Depth	From	To	<i>6.336d sk 14.87</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1300</i>					<i>Arrive On location</i>
<i>1330</i>					<i>Safety Meeting - Rig Up</i>
<i>1510</i>					<i>Pressure Test</i>
<i>1570</i>			<i>202</i>	<i>6</i>	<i>Pump lead out @ 11.4#</i>
<i>1600</i>			<i>36</i>	<i>6</i>	<i>Pump Tail out @ 14.8#</i>
<i>1615</i>					<i>Drop Plug - Wash Up</i>
<i>1620</i>	<i>600</i>		<i>87</i>	<i>6</i>	<i>Displace</i>
<i>1640</i>	<i>700</i>		<i>10</i>	<i>2</i>	<i>Slow Down</i>
<i>1645</i>	<i>1700</i>		<i>1</i>	<i>1</i>	<i>Load Plug - 1 Foot Head</i>
					<i>Sub Complete</i>
<i>2000</i>					<i>Cement TO Surface</i>

Service Units	<i>78938</i>	<i>70897-1950</i>	<i>20101-7770</i>	<i>14354-19518</i>
Driver Names	<i>Sam</i>	<i>Sam</i>	<i>Victor</i>	<i>Sam</i>

Sam
Customer Representative
Sam
Station Manager
Sam
Cementer

Customer <i>Adita</i>	Lease No. <i>4-3</i>	Date <i>10/13/14</i>
Lease <i>Stoltzhus</i>	Well # <i>4-3</i>	Service Receipt
Casing <i>5 1/2</i>	Depth <i>6449</i>	County <i>Meade</i> State <i>KS</i>
Job Type <i>L.S.</i>	Formation	Legal Description

Pipe Data		Perforating Data		Cement Data
Casing size <i>5 1/2</i>	Tubing Size	Shots/Ft		Lead <i>100 SX AA-2 @ 12#</i>
Depth <i>6258.08</i>	Depth	From	To	
Volume <i>147.94</i>	Volume	From	To	<i>2.85 y 16.67 y/c</i>
Max Press <i>2500</i>	Max Press	From	To	Tail in <i>225 SX AA-2 @ 14.8#</i>
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	
Plug Depth	Packer Depth	From	To	<i>1.51 y 6.64 y/c</i>

4/2
4/3

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0:00					on loc w/ FE.
10:00					Start FE.
12:00					Finish FE. / P.T. on loc
					Setting mtg, R.D.
18:35	730		12	5	Pump Superflush
18:40	720		5	5	H2O
18:40			8.5		Plug R4M
18:53	820		0	5.5	Start mixing @ 12#
19:03	350		5	6	on Tail @ 14.8#
19:17	0		61	-	Finished mixing, Dump Plug, Washup
19:21	150		0	7	Start Disp
19:47	1310		137	3	Slow Rate
19:53	1600-2100		149	-	Plug Down
19:55	✓				Released Psi, Float held
					Job Complete

Service Units	<i>76939</i>	<i>3922337726</i>	<i>3041613998</i>		
Driver Names	<i>C. Hill</i>	<i>G. Echevarria</i>	<i>V. Vasquez</i>		

Fred Cross Customer Representative Jerry Bennett Station Manager Chad Hinz Cementer

MBC WELL LOGGING LLC

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

Well Name: STOLZFUS 4-3 OOLITE ENERGY CORP
 Location: MEADE COUNTY, KANSAS USA
 Licence Number: 34242
 Spud Date: 9-13-2014
 Surface Coordinates: 1,660'fsl, 2,289'fwi SEC 3-T34S-R29W
 Bottom Hole Coordinates: HLS-DIL/SP/GR CNL/CAL/PE/BHV SONIC SFC
 Coordinates: API-15-119-2137
 Ground Elevation (ft): 2501' K.B. Elevation (ft): 2517'
 Logged Interval (ft): 5000 To: 6448 Total Depth (ft): ELOG 6446
 Formation: ST LOUIS RUN 5/12" CSG
 Type of Drilling Fluid: WINTER MUD CO

Region:

Drilling Completed: 10-11-2014

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






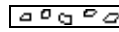
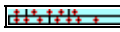


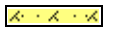






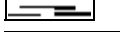

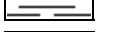








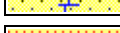


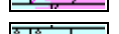

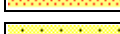


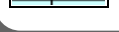


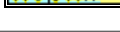

OPERATOR

Company: OOLITE ENERGY CORP
 Address: ED HESHER% GEOLOGY
 PO BOX 9398
 AMARILLO, TEXAS 79105

MUDLOGGER

Name: AUSTIN GARNER
 Company: MBC WELL LOGGING LLC
 Address: 21156 RD 22
 MEADE, KANSAS 67864

ROCK TYPES

	Anhy		Oolitic ls -1		Salt		Grn sh strk		Calc shale
	Brec		Stgensndy-		Sndy sh--reg		Lmy sh-2		Granitewash
	Cht		New ls-1		Sndy sh		Grn mott gy		Ls shly-b
	Coal		Carby shale		Sltst-1		Shale-1		Poor sortd ss
	Congl		Lmy carby		Sltty-shale		Red sh-1		Snd-ls-sh
	Dolo new		Carb sh		Lmy ss-1		Stgensndy-arkos		
	Newdolo ls		Gyp		Arkosic snd		Sndy ool ls		
	Ls & ooids		Sltst		Ss		Sndy-ls-1		

Curve Track 1

ROP (min/ft) ———
Gamma (API) - - - -

TG (Units)
C1 (units)
C2 (units)
C3 (units)
C4 (units)
C5 (units)

Depth

% Lithology

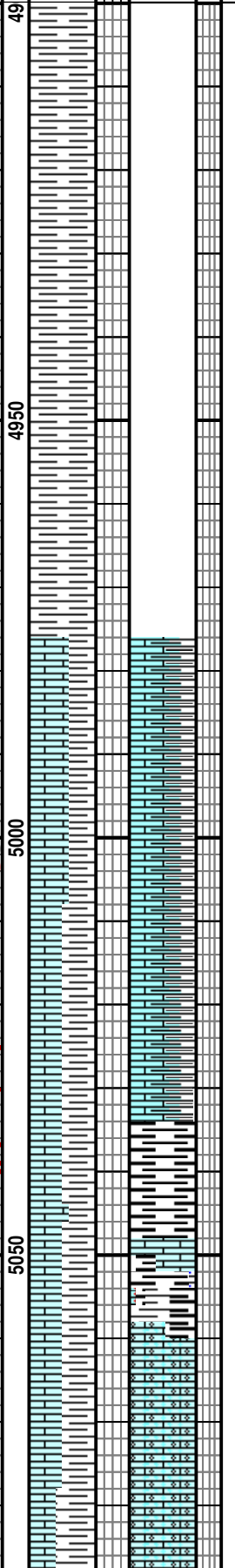
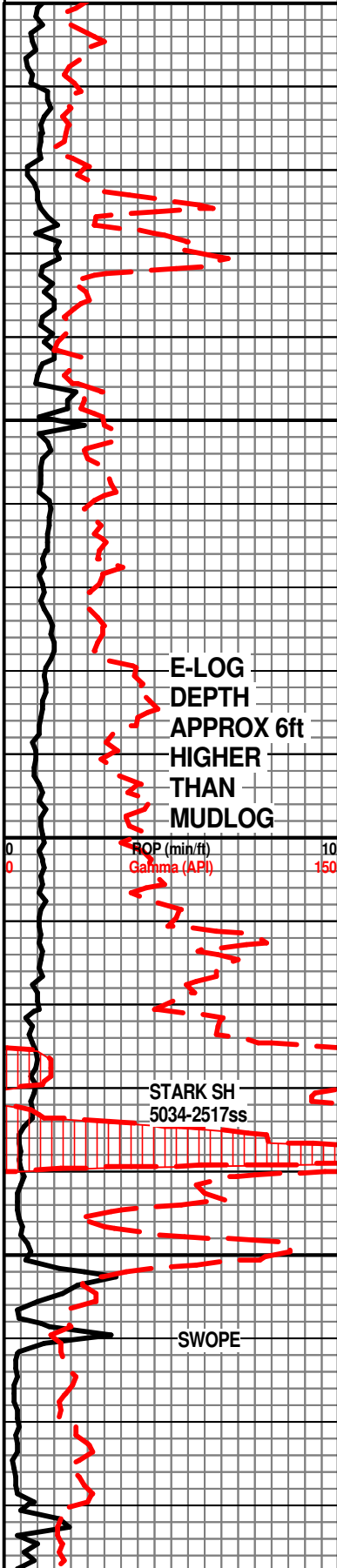
Porosity

Lithology

Oil Shows

Geological Descriptions

TG, C1-C5



NO SAMPLES CAUGHT

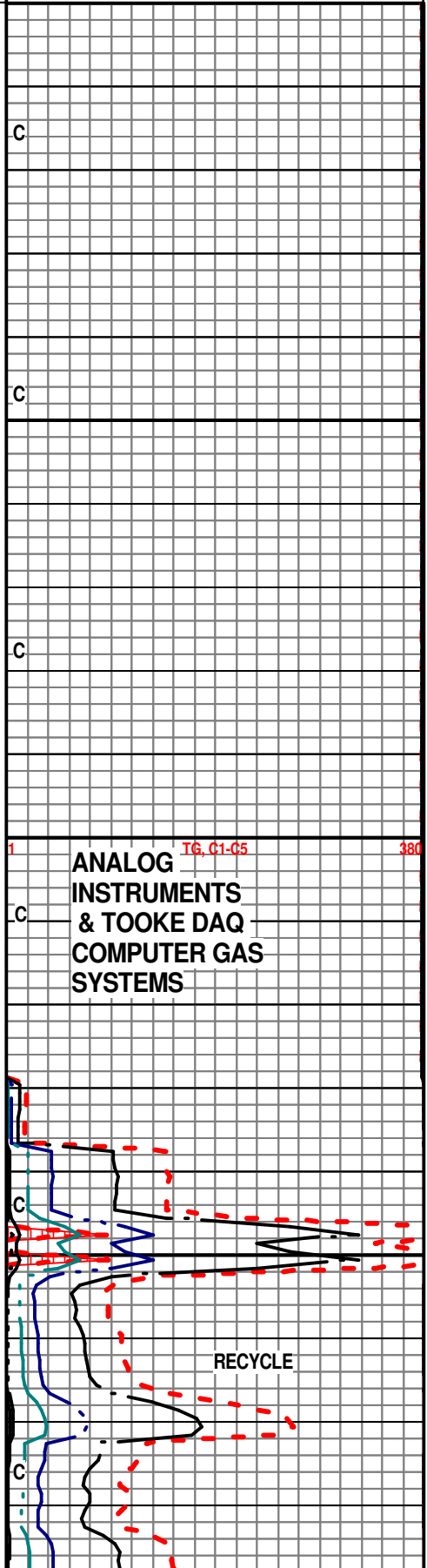
START ONE-MAN LOGGING UNIT, M-10
ANALOG & TOOKE DAQ INSTRUMENTS

LS; GYISH WH GY HD DNS SHLY F XLN

SAMPLES ARE JUNK

SH; BLK CARB MICA, PYR

LS LTN BUFF TO TN F & MED OOLMOL & OOLCAS, NO ODOR, DULL YEL FLOR NSOC



E-LOG DEPTH APPROX 6ft HIGHER THAN MUDLOG

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

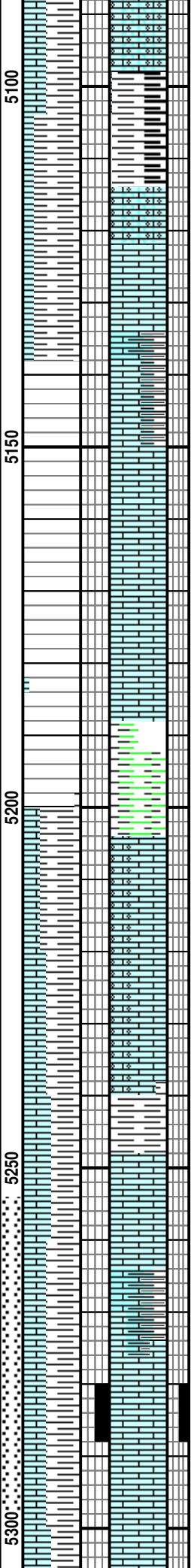
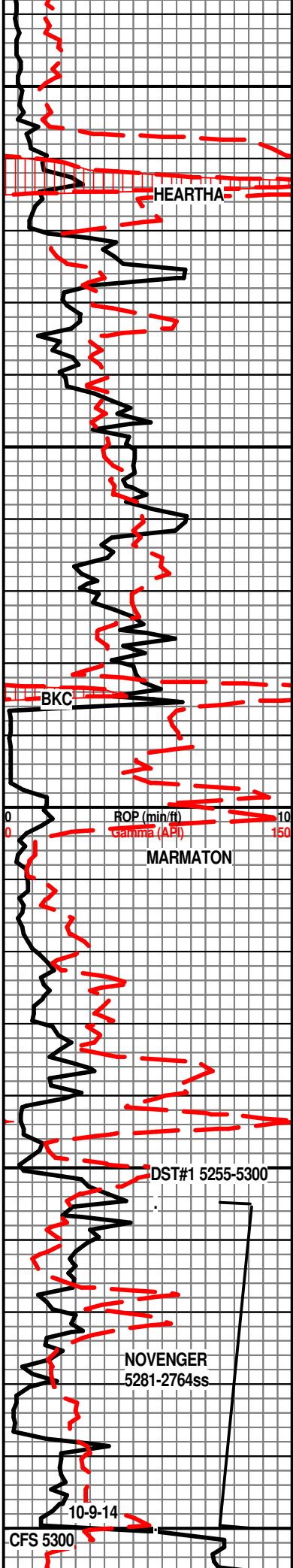
STARK SH 5034-2517ss

SWOPE

ANALOG INSTRUMENTS & TOOKE DAQ COMPUTER GAS SYSTEMS

RECYCLE

380



SH; BLK CARBY SH

SAMPLES ARE JUNK

HD DNS LS GY TO DK GY SHLY XLN

NO SAMPLES

TRIP TO SFC TO REPAIR WASH PIPE ON KELLY 5188

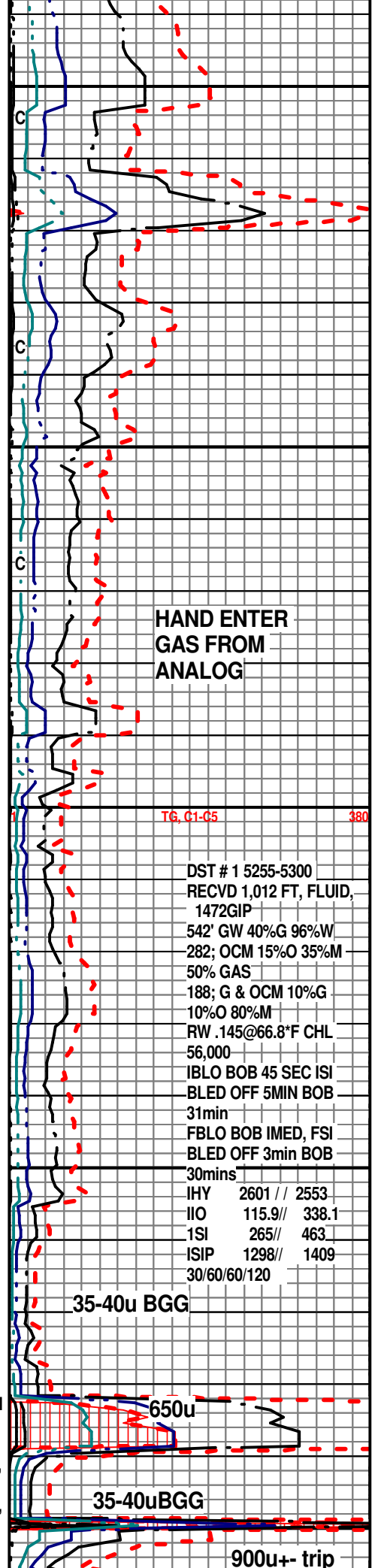
SH; DULL DK GY BLK, SFT CALC, SME MOTT GY-GRN

LS; OFF WH BUFF WE APPR, SHALOW VF F OOL, CHLKY,, TN CHT, CORAL FRGS, NO ODOR, PALE PURPL W/SME GOLD TINGE NSOC

SH; DK BY BRN CALC, CARBY, SME GRN SH

E-LOG DEPTH APPROX 6ft HIGHER THAN MUDLOG

LS; BUFF TO SLI TN VF F OOL, RGH WEATHD APPR, GRITTY THIN RIM COAT, SME SHALLOW COMNGLD OOLCAS, WH OOL CHT, GOOD ODOR, SLI SOUR, SME BRN INTR OOL STNG, DULL FAINT GOLD W/BRITE YEL SPKS, TR GAS BUBL, FLASH SLOW MILKEY STRMG CUT



HAND ENTER GAS FROM ANALOG

TG, C1-C5 380

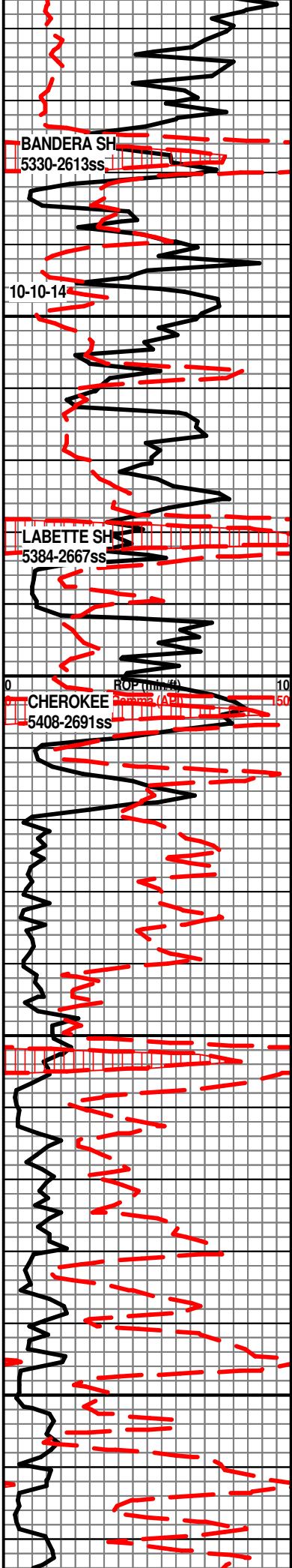
DST # 1 5255-5300
 RECDV 1,012 FT, FLUID,
 1472GIP
 542' GW 40%G 96%W
 282; OCM 15%O 35%M
 50% GAS
 188; G & OCM 10%G
 10%O 80%M
 RW .145@66.8°F CHL
 56,000
 IBLO BOB 45 SEC ISI
 BLEED OFF 5MIN BOB
 31min
 FBLO BOB IMED, FSI
 BLEED OFF 3min BOB
 30mins
 IHY 2601 // 2553
 IIO 115.9// 338.1
 1SI 265// 463
 ISIP 1298// 1409
 30/60/60/120

35-40u BGG

650u

35-40uBGG

900u+ trip



BANDERA SH
5330-2613ss

10-10-14

LABETTE SH
5384-2667ss

CHEROKEE
5408-2691ss

ROP (min/ft)
10
150

5350

5400

5450

5500

LS; LT TN BUFF LHD DNS F XLN,
SHADOW CRIN IP, TR OOLCAS,
MFNSOC NO ODOR

SH; BLK CVARB DK GY SME WXY
GRN

LS; GYISH TN RGH TXT SPAR CMTD
VF F OOL & VF FOSS IP, LEACHED
POR & SME OOLCAS, MFNSOC NO
ODOR

NTY CARB

SH; BLK BLKY TO SPLTY

LS; DK TN OOL ^ OOLCAS, SUGARY,
FAINT GOLD FLOR, NO ODOR, NSOC

SH; LDK GY BRN BLK, CARB CALC
MICA

SH DULL BLK DK GY RGH SLTY
CALC LSME FOSS FRGS, MICA, GRDS
TO SHLY LS

LS; GY TN DK GY BRN FOSS DETRT,
SHLY INTBD SLTST

LS; LT BUFF GY VF GRITTY TOA
CHLKY/XLN, FOSS PCES, INCRS SHLY

gas

SH GAS

SCALE CHANGE
<01-200u>

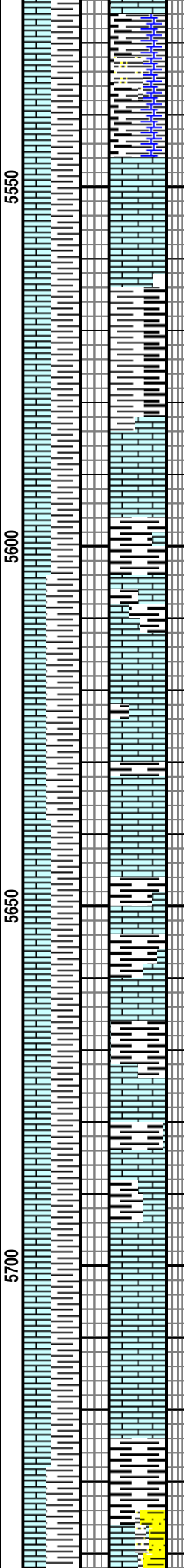
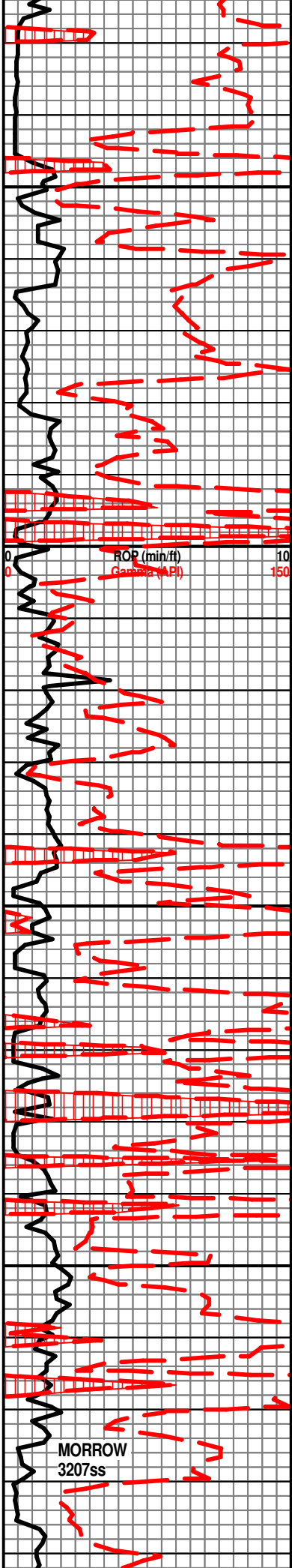
Scale change
TG, C1-C5

200

TG, C1-C5

200

GAS HAND
ENTERED FROM
ANALOG
TOOKE DAQ
HAD LOOSE
LINE



SH; BLK DK GY BRN CALC CARBY,
PYRT, FOSS FRGS

LS; TN GY FOSS CHLKY TO F XLN

SH; DK GY BLK, MICA PYR CARBY

LS; TN GY TN MOTT WH FOSS XLN,
SHLY IP

SH; BLK CARB PYR SME GYGRN
W/PYR SME BRNM SFT SH

INTBD BLK SH CARB

LS; LST TN HD DNS
BIOSPARTIC/OCC OOL NO SHOW

LS; GYISH BRN VF
EERTY/SUCROSIC, COMNGLD W/ FOSS
XLN, BLK CHTR, SH INTRUS, PURPL
FLOR NO ODOR NSOC

SH; BLK CARB PYR, SME SFT MOTT
BLK BRN

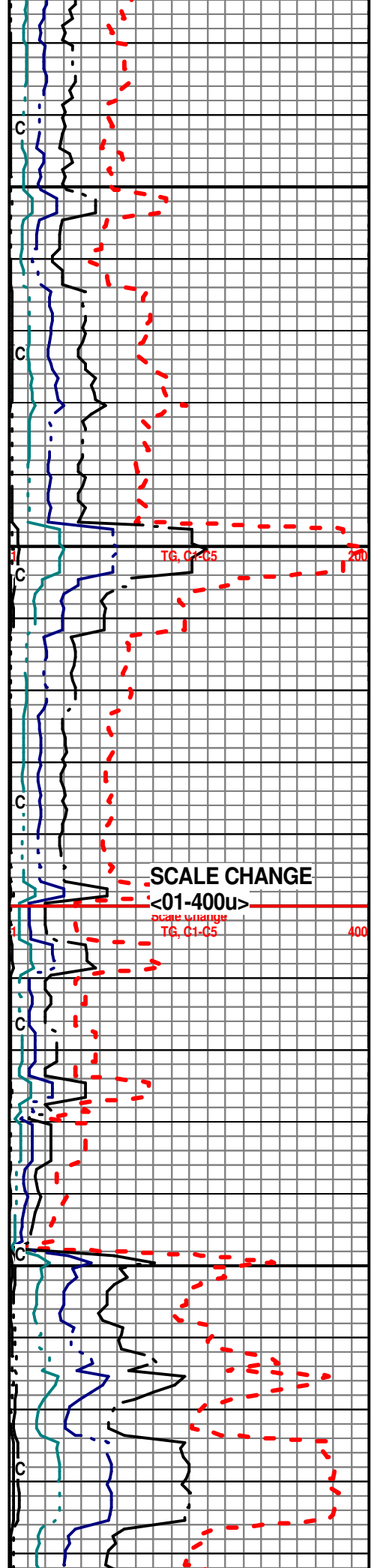
LS; S TN GY HD DNS FOSS XLN,

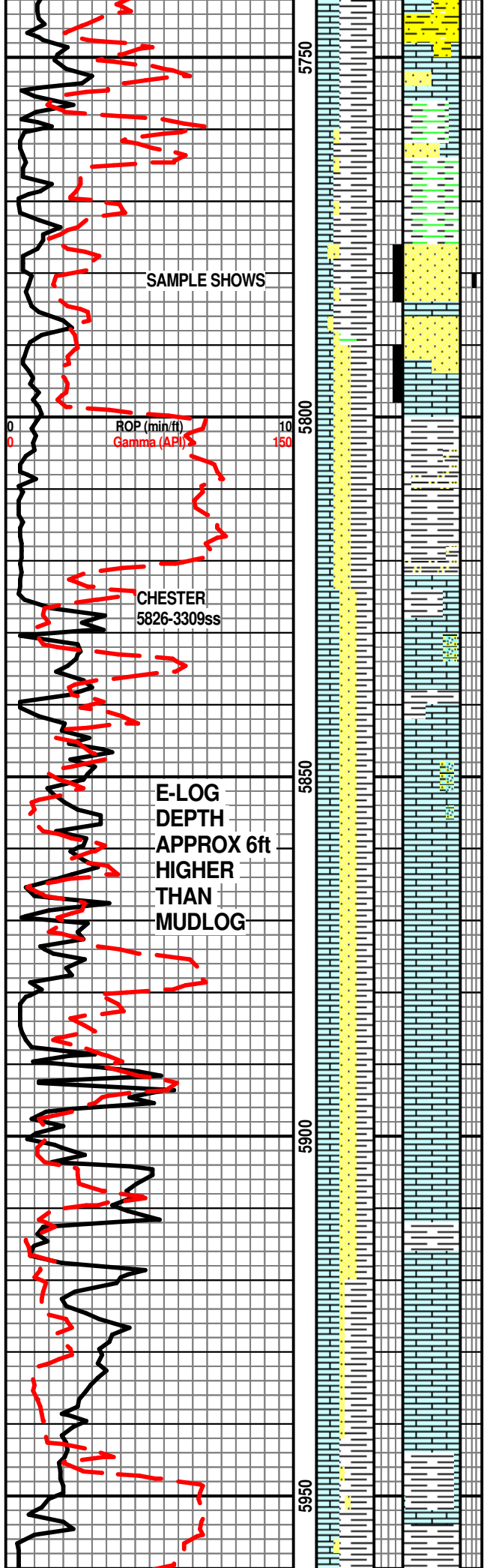
**SAMPLES ARE POOR
JUNKY**

LS; GYISH TN SHLY FOSS XLN

LS; WH MOTT BLK, SHLY FOSS XLN,
WM DK WH GRITTY S CHLKY W/BLK
MIN SPKS, BLK TO DK PURPL FLOR
NO ODOR, NSOC

SH; BLK CARBY SME BRN RGH SLTY
VF SNDY





LS; CRM WH SLI GRNY F SNDY GLAU
CHOR , COMNLGD SH

SH SILKEY GRN SMO GLAU TO GY
DK GY & BRN MOTT GY SH

SAMPLE SHOWS

SS; CLR GLI GRN TINT, VF GR FRI TO
MED TT. CALC IP, TR "GLAZED. HD
TT VF GR, GLAU, BLK SH LENS, NO
ODOR, DK PURPL FLOR RING CUT

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

SS; LT GRINSH TO CLR, VF F GR, FRI,
SLI CALC, GLAU, IMBD CRS CRIN
PCES, SPLOTH PP BLK STNG IP, NO
ODOR, SLOW

SH; GY GRN SLTY IP, TR COAL

CHESTER
5826-3309ss

LS; CRM WH SFT VF SUCRSIC/CHLKY
TO DNS FOSS XLN, WEATHD APPR,
GLAU, TR RED SH INTRUS, GY SH
INTRUS, PURPL FLOR NO ODOR,
NSOC

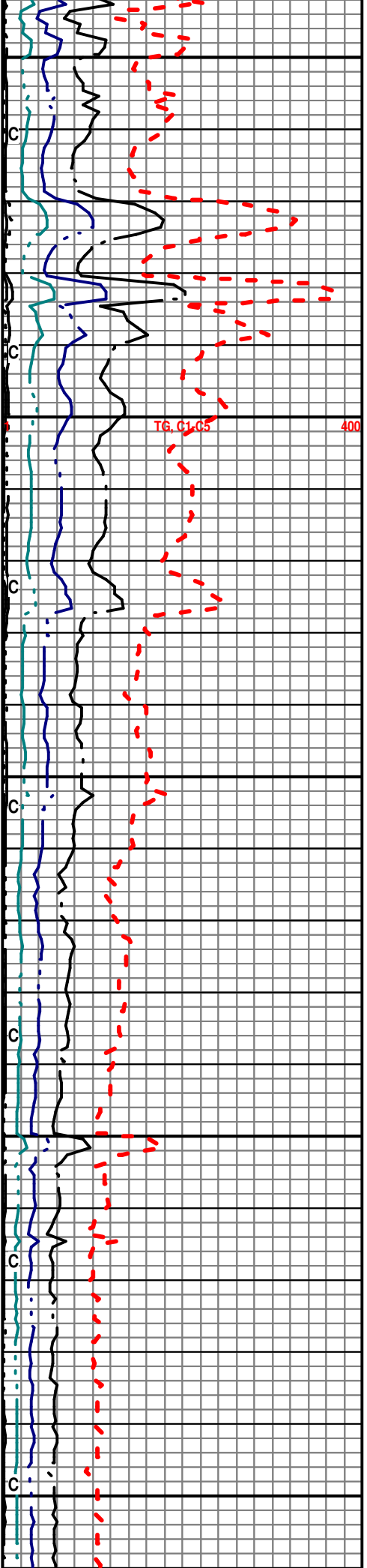
E-LOG
DEPTH
APPROX 6ft
HIGHER
THAN
MUDLOG

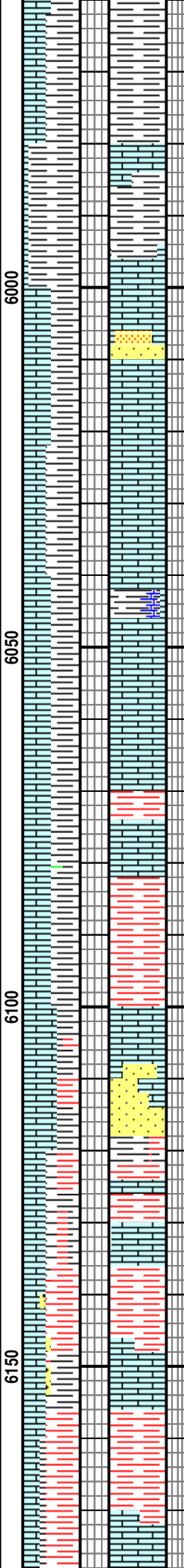
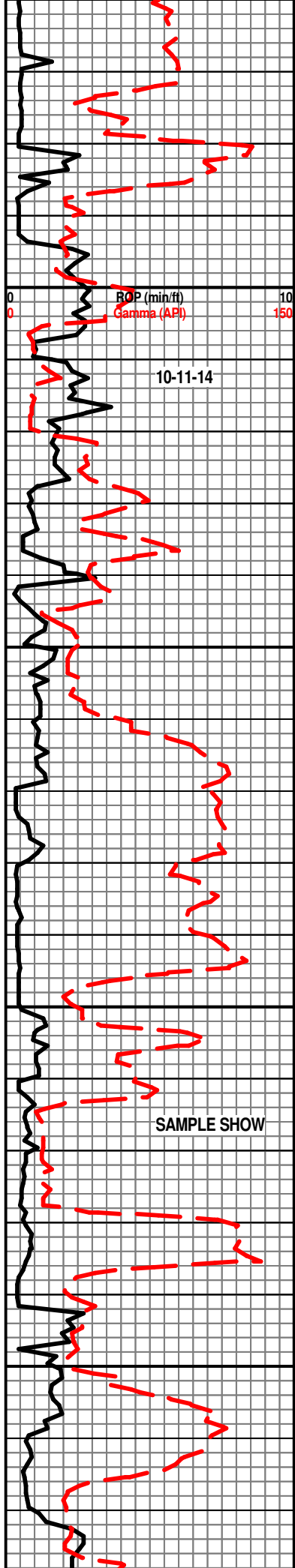
NO REAL VISIBLE CHANGE IN
SAMPLES

LS; CRM WH BRTL, F & MED FOSS
FRGMTL, FREE FOSS PCES, TR IMBD
ELIP SMO MED QTZ W/IMBD PYR,
GLAU, NO ODOR, DK PURPL W/TR
GOLD TINGE NSOCS

LS; TN CRM GY-WH, WEATHD APPR,
VF F FOSS PCES, NFSOC

SAMPLE HAND NOT USING TOP
SCREEN TO CATCH SAMPLES,
DERRICK HAND USING IT





SH; LT GY-GRN, SMO SFT FISS, SME BRN W/BLK STRKS,

SH; LT GY SLI GRN FISS

LS; WH GY SLI TN, FOSS FRGMTL, TR SHADOW F OOL, PUPRL FLOR NO ODOR, NSOC

TR BRN SH STNED VF GR CALC SS NFSOC

LS; CRLM SUCROSIC GY SH NOD & LENS TO FOSS FRGMTL NO ODOR, MFNSOC

SS; CLR F SME MED GR LMY MATRIX, PYR TR IMBD FOSS NO STNG, NO ODOR

SH; LT GY SLI GRN SMO PLATY

LS; WH WEATHD APPR, CHLKY ABDT FOSS FRGS, DK PURPL TR GOLD FLOR NO ODOR, NSOC

LS; TN CRM FOSS FRGMTL, NO SHOW

LS; TN GY CRM FOSS FRGMTL PYR, NO SHOW TR TN HD XLN CRINOIDAL

MOTT RED GY GRN TO PURPL GY SFT TR YEL

LS; GRN HD DNS XLN

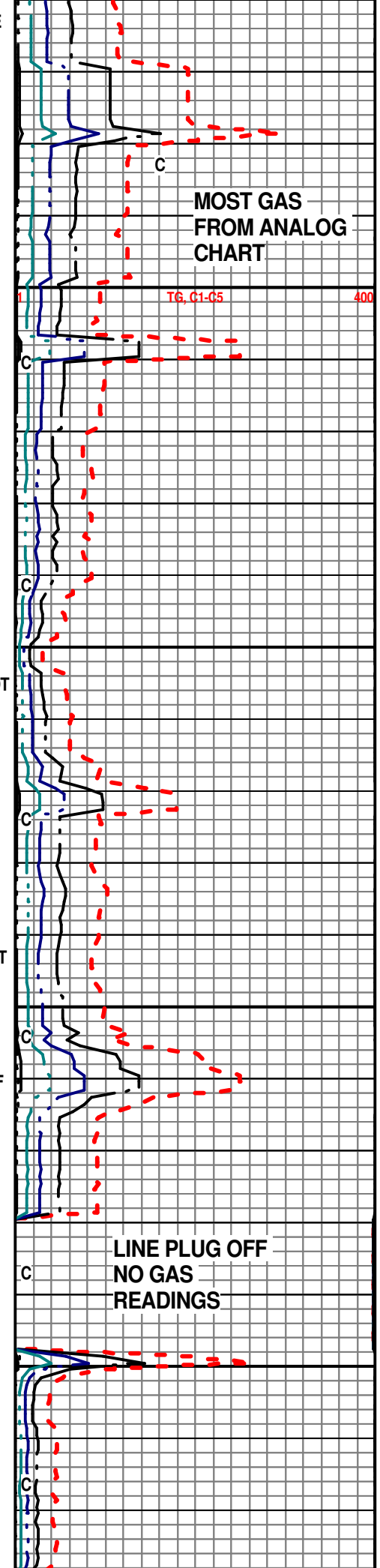
SS; BRN MOTT, BLK, STND, CLR VF F GR, FRI, CALC, PYR, MICA, NO ODOR, BLK FLOR, SLO THIN MILKEY STRM CUT

VARI RED SH

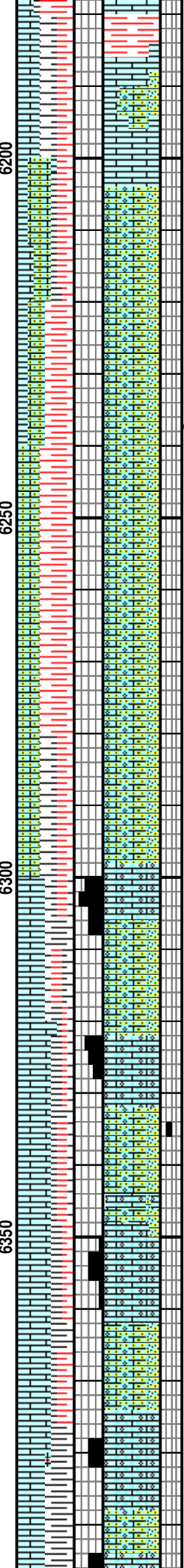
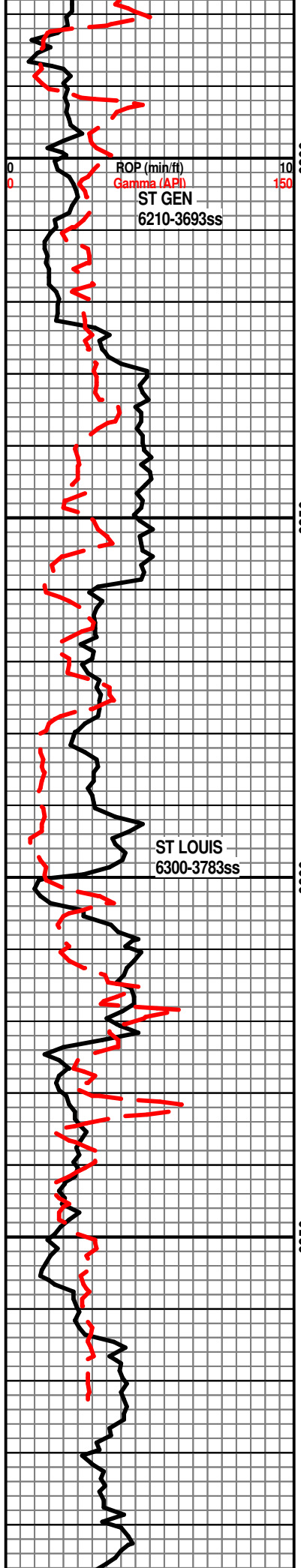
LS; TN WH HD DNS XLN

PURP SH ABT VARI REDS

SAMPI ES TOO POOR TO



CAMP LLS 1001 CORR TO DESCRIBE



LS; WH OF WH AREN TR SPAR
CMTED F OOL, NO ODOR, DK PURP
FLOR NSOC

LS; BRN STND PP STNG, OFF WH
VF AREN, FRI, NO ODOR, BLK FLOR,
SLO THIN STRM MILKEY CUT

LS; OFF WH VF AREN, PP BRN
STNG, NO ODOR, SME FAINT GOLD
FLOR, SLO MILKY CUT

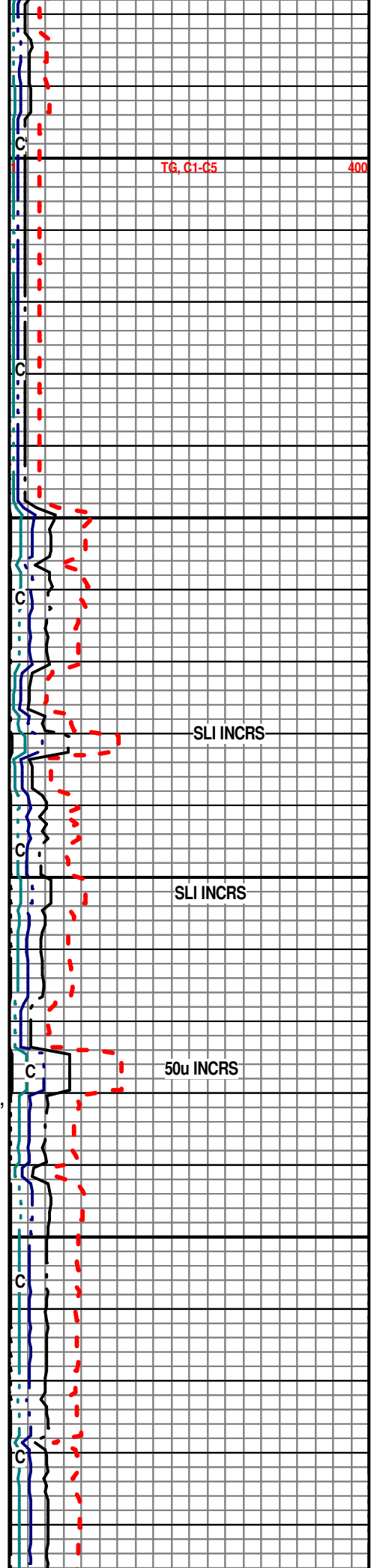
OFF WH AREN LS BRN STNG NO
ODOR, SLI RING CUT

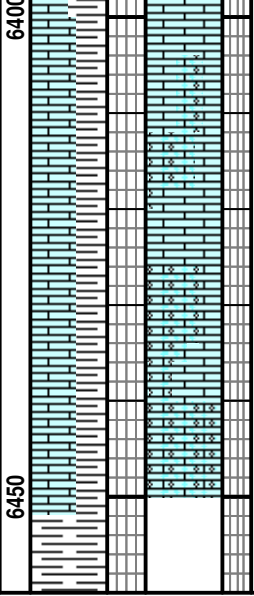
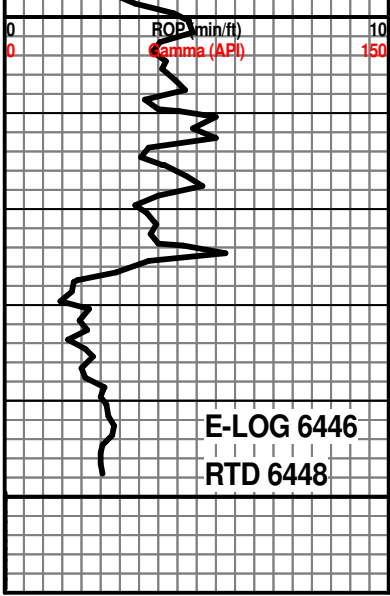
LS; WH CRM WEATHD APPR CHLKY
F & MED OOL, CRM WH OOL CHLK,
FOSS PCES, OPAQ VIT CHT, PURPL
FLOR, NO ODOR, NWSOC

LS; PALE CRM WH CHLK BLIO//OOL,
TR SPAERY, NO ODOR, MFNSOC

LS; SLI/TN GY F & MED OOL, SME
SPAR CMTED, NO ODOR, PURPL FLOR
NSOC

LS; GYWIH WH BUFF TN
BIOSPARTIC//VF F OOL, RIM COATED,
ABDT CHLK, NO ODOR, MED PURPL
FLOR NSOC

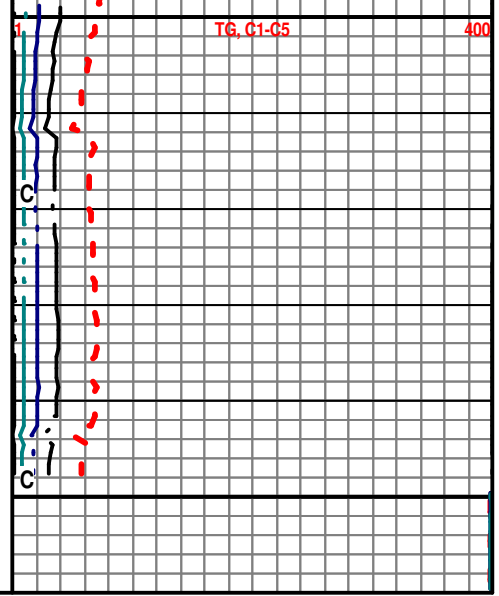




TN HD DNS BIOSPARITIC//VF OOL,
NO SHOW

LS WH OFF WH CRM SPAR CMTED
FRI F TO MED OOL & FOSS FRGS,
CHLKY IP, NO ODOR, PURPL FLOR
NSOC

THANKS FOR USING
MBC WELL LOGGING
AUSTIN & MARLA GARNER





DRILL STEM TEST REPORT

Prepared For: **Oolite Energy Corp.**

P.O. Box 9389
Amarillo, TX 79105

ATTN: Austin Garner

Stoltzfus #4-3

3-34s-29w Meade,KS

Start Date: 2014.10.09 @ 00:03:00

End Date: 2014.10.09 @ 15:27:00

Job Ticket #: 56570 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.10.14 @ 10:00:58



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Oolite Energy Corp.

3-34s-29w Meade, KS

P.O. Box 9389
Amarillo, TX 79105

Stoltzfus #4-3

Job Ticket: 56570

DST#: 1

ATTN: Austin Garner

Test Start: 2014.10.09 @ 00:03:00

GENERAL INFORMATION:

Formation: **Novinger**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:44:15

Time Test Ended: 15:27:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Cornelio Landa III

Unit No: 67

Interval: 5255.00 ft (KB) To 5300.00 ft (KB) (TVD)

Reference Elevations: 2514.00 ft (KB)

Total Depth: 5300.00 ft (KB) (TVD)

2501.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8968 Outside

Press@RunDepth: 463.06 psig @ 5257.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.09 End Date: 2014.10.09

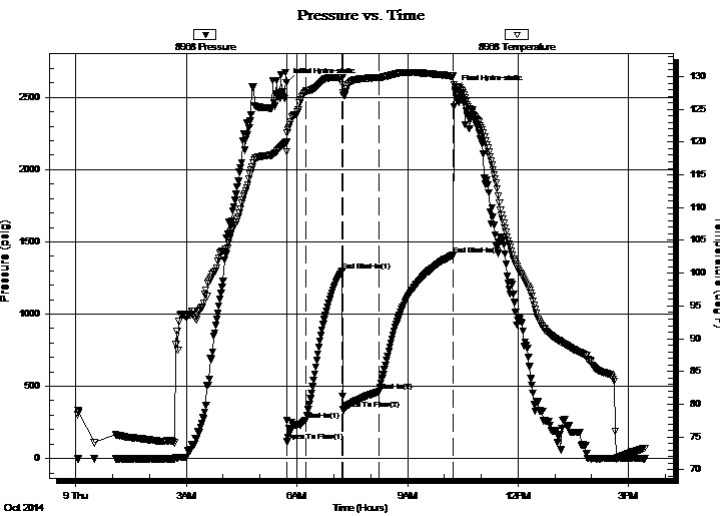
Last Calib.: 2014.10.09

Start Time: 00:03:05 End Time: 15:27:00

Time On Btm: 2014.10.09 @ 05:43:00

Time Off Btm: 2014.10.09 @ 10:17:45

TEST COMMENT: IF: BOB in 45 seconds
IS: Bled off in 5 min.-BOB in 31 min.
FF: BOB Immediately
FS: Bled off in 3 min.- BOB in 30 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2601.86	119.99	Initial Hydro-static
2	115.93	121.46	Open To Flow (1)
32	265.31	127.78	Shut-In(1)
91	1298.28	129.83	End Shut-In(1)
92	338.11	127.58	Open To Flow (2)
151	463.06	129.86	Shut-In(2)
272	1409.85	130.05	End Shut-In(2)
275	2553.48	128.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
542.00	Gw 4g 96w	4.38
282.00	Ocm & G 15o 35m 50g	3.96
188.00	G & Ocm 10g 10o 80m	2.64
0.00	GIP=1472	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Oolite Energy Corp.

3-34s-29w Meade, KS

P.O. Box 9389
Amarillo, TX 79105

Stoltzfus #4-3

Job Ticket: 56570

DST#: 1

ATTN: Austin Garner

Test Start: 2014.10.09 @ 00:03:00

Tool Information

Drill Pipe:	Length: 4887.00 ft	Diameter: 3.80 inches	Volume: 68.55 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 354.00 ft	Diameter: 2.25 inches	Volume: 1.74 bbl	Weight to Pull Loose: 15000.00 lb
			<u>Total Volume: 70.29 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 94000.00 lb
Depth to Top Packer:	5255.00 ft			Final 98000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5229.00	
Shut In Tool	5.00			5234.00	
Hydraulic tool	5.00			5239.00	
Jars	5.00			5244.00	
Safety Joint	2.00			5246.00	
Packer	5.00			5251.00	27.00 Bottom Of Top Packer
Packer	4.00			5255.00	
Stubb	1.00			5256.00	
Change Over Sub	1.00			5257.00	
Recorder	0.00	8969	Inside	5257.00	
Recorder	0.00	8968	Outside	5257.00	
Drill Pipe	31.00			5288.00	
Change Over Sub	1.00			5289.00	
Perforations	8.00			5297.00	
Bullnose	3.00			5300.00	45.00 Bottom Packers & Anchor

Total Tool Length: 72.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Oolite Energy Corp.

3-34s-29w Meade,KS

P.O. Box 9389
Amarillo, TX 79105

Stoltzfus #4-3

Job Ticket: 56570

DST#: 1

ATTN: Austin Garner

Test Start: 2014.10.09 @ 00:03:00

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:

56000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.45 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
542.00	Gw 4g 96w	4.378
282.00	Ocm & G 15o 35m 50g	3.956
188.00	G & Ocm 10g 10o 80m	2.637
0.00	GIP=1472	0.000

Total Length: 1012.00 ft Total Volume: 10.971 bbl

Num Fluid Samples: 0

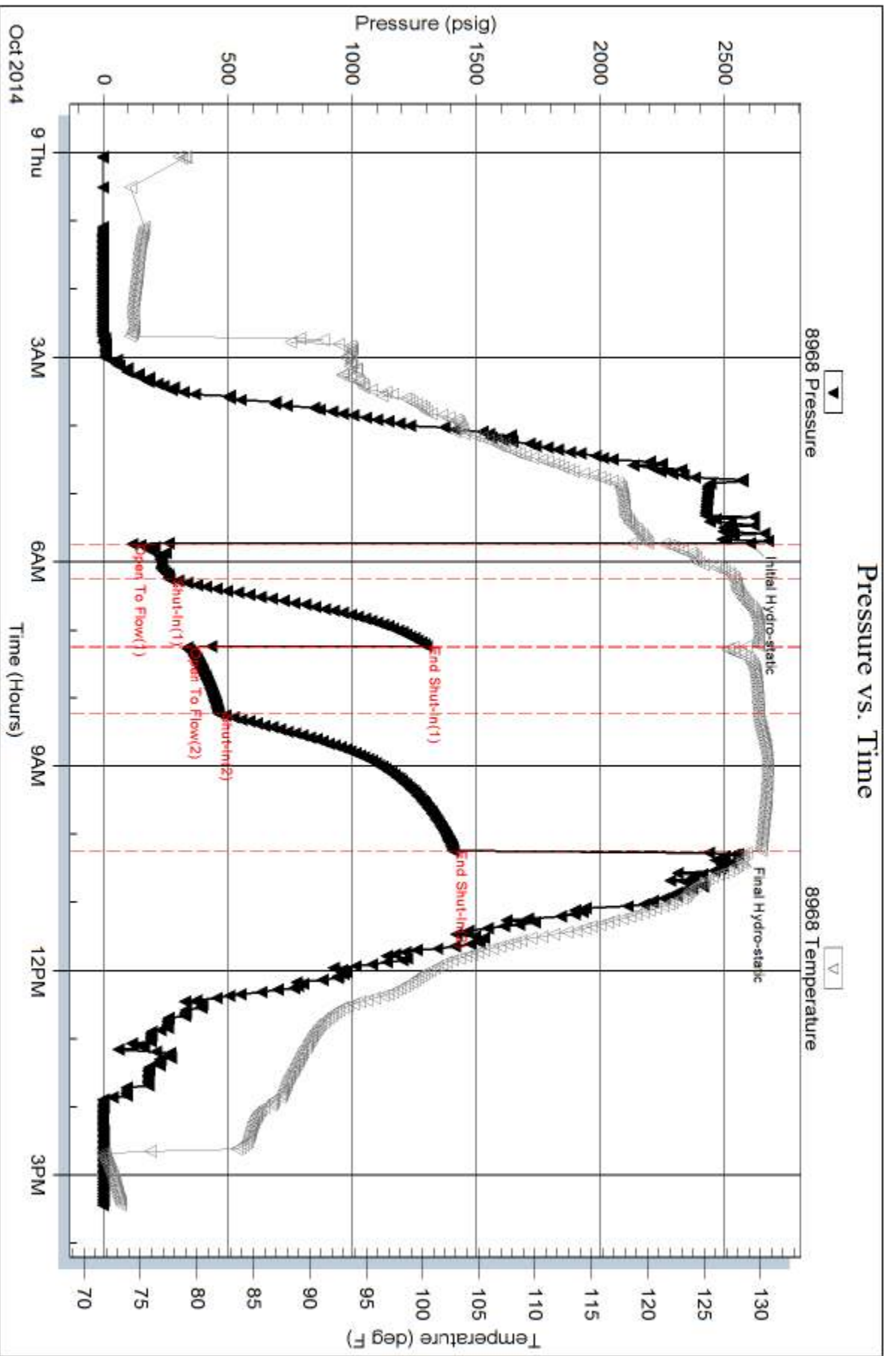
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .145 @ 66.8=56000



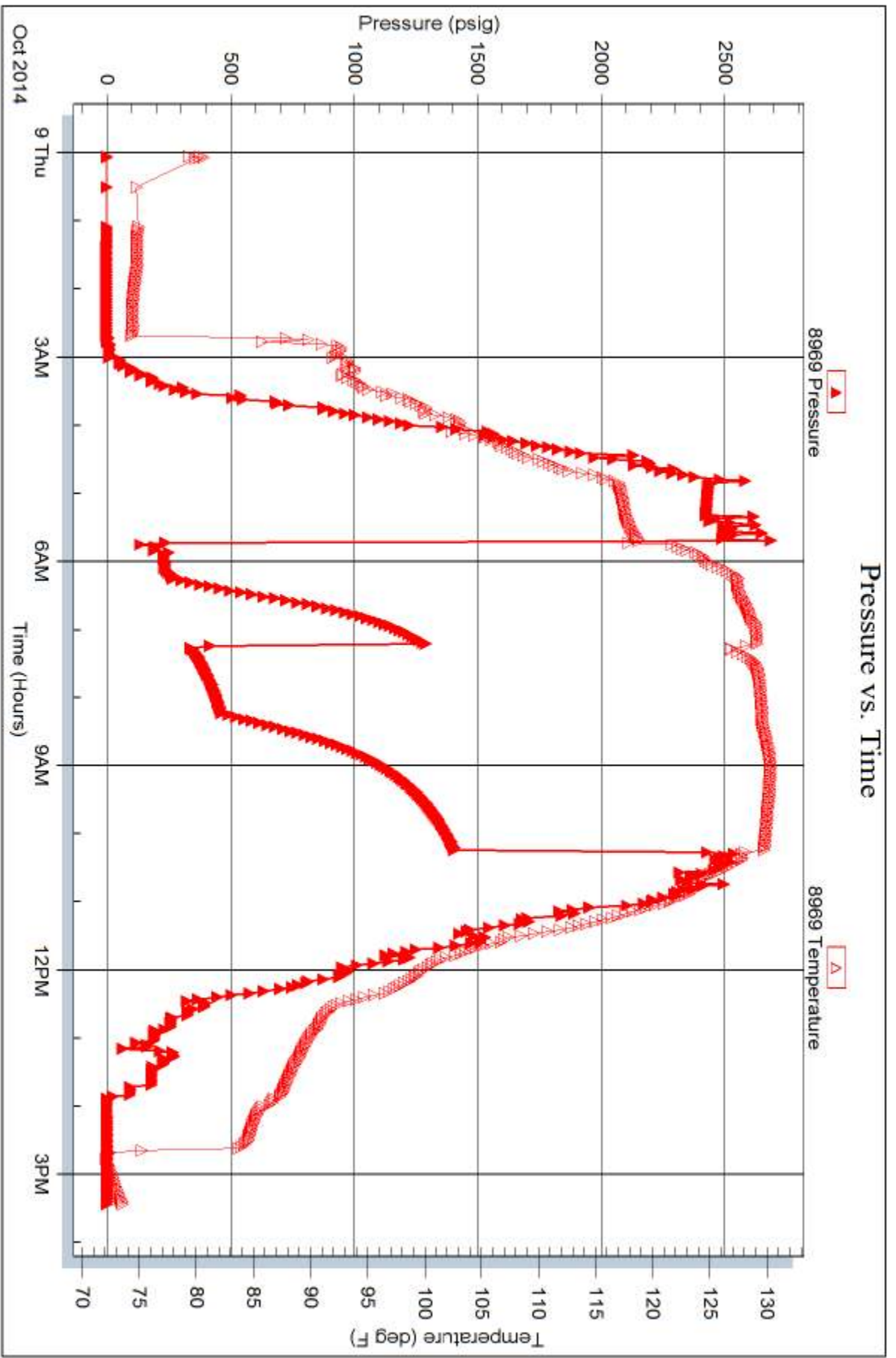
Serial #: 8969

Inside

Oolite Energy Corp.

Stoltzfus #4-3

DST Test Number: 1





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56570

Well Name & No. Stoltfus #4-3 Test No. 1 Date 10-8-14
 Company Dolite Energy Corp. Elevation 2514 KB 2501 GL
 Address P.O. Box 9398, Amarillo, TX 79105
 Co. Rep / Geo. Austin Garner Rig Tomcat #2
 Location: Sec. 3 Twp. 34-S Rge. 29W Co. Meade State KS

Interval Tested 5255-5300 Zone Tested Novinger
 Anchor Length 45' Drill Pipe Run 4887 Mud Wt. 9.2
 Top Packer Depth 5251 Drill Collars Run 354' Vis 44
 Bottom Packer Depth 5255 Wt. Pipe Run Ø WL 10.5
 Total Depth 5300 Chlorides 4,400 ppm System LCM #7

Blow Description IF: B.o.b. in 45 seconds
ISI: Bled off in 5 min - B.o.b. in 31 mins.
FF: B.o.b. Immediately
FSI: Bled off in 3 min. - B.o.b. in 30 mins.

Rec	Feet of	%gas	%oil	%water	%mud
<u>542</u>	<u>GW</u>	<u>4</u>			<u>96</u>
<u>282</u>	<u>OCM & G</u>	<u>50</u>	<u>15</u>		<u>35</u>
<u>188</u>	<u>G + ocm</u>	<u>10</u>	<u>10</u>		<u>80</u>
	<u>GIP = 1472</u>				

Rec Total 1,012 BHT 129 Gravity — API RW 145 @ 66.8 °F Chlorides 4,400 ppm

(A) Initial Hydrostatic <u>2602</u>	<input checked="" type="checkbox"/> Test <u>1350</u>	T-On Location <u>23:40</u>
(B) First Initial Flow <u>116</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>00:03</u>
(C) First Final Flow <u>265</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>05:44</u>
(D) Initial Shut-In <u>1298</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C 450</u>	T-Pulled <u>10:14</u>
(E) Second Initial Flow <u>338</u>	<input checked="" type="checkbox"/> Hourly Standby <u>4 1/2 hrs</u>	T-Out <u>15:27</u>
(F) Second Final Flow <u>463</u>	<input checked="" type="checkbox"/> Mileage <u>140 R-T 217</u>	Comments <u>4 1/2 hrs Standby</u>
(G) Final Shut-In <u>1410</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2553</u>	<input type="checkbox"/> Straddle	

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 120

<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer
<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
<input type="checkbox"/> Day Standby <u>150</u>	Sub Total <u>0</u>
<input checked="" type="checkbox"/> Accessibility <u>No stops From central to Rig Floor</u>	Total <u>2742</u>
Sub Total <u>2742</u>	MP/DST Disc't

Approved By Austin Garner Our Representative Colbdata CL III

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