KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1050631

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34385
Name: G and T Petroleum Consulting and Management
Address 1: PO BOX 8
Address 2:
City: MCCRACKEN State: KS Zip: 67556 + _ _ _ _
Contact Person: Jim Rutherford
Phone: (785) 394-1049
CONTRACTOR: License # 33935
Name: H. D. Drilling, LLC
Wellsite Geologist: Justin Carter
Purchaser:

Designate Type of Completion:

- [x] New Well [ ] Re-Entry [ ] Workover
- [ ] Oil [ ] WSW [ ] SWD [ ] SIOW
- [ ] Gas [x] 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 #:

01/23/2011	02/01/2011	02/01/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-185-23660-00-00
Spot Description:
SW - NE - NE - NW Sec. 14 Twp. 24 S. R. 14 [ ] East [x] West
340 Feet from [x] North / [ ] South Line of Section
2,300 Feet from [ ] East / [x] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [x] NW [ ] SE [ ] SW
County: Stafford
Lease Name: Morris Trust Well #: 1
Field Name: Rattlesnake West
Producing Formation: Lansing
Elevation: Ground: 1942 Kelly Bushing: 1948
Total Depth: 4250 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 222 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 9600 ppm Fluid volume: 1600 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Bob's Hauling Sevice
Lease Name: Water's Inc. License #: 33779
Quarter NW Sec. 14 Twp. 24 S. R. 14 [ ] East [x] West
County: Stafford Permit #: 15-185-19083-00-02

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:
- [x] Wireline Log Received
- [x] Geologist Report Received
- [ ] UIC Distribution

ALT [x] I [ ] II [ ] III Approved by: Deanna Garrison Date: 02/15/2011

Side Two

1050631

Operator Name: G and T Petroleum Consulting and Management Lease Name: Morris Trust Well #: 1

Sec. 14 Twp. 24 S. R. 14 ☐ East ☑ West County: Stafford

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

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:
Attached

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

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ Used
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.2500	8.6250	23	222	Class A Common	225	2% Gel, 3% CC

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
	-			
	-			

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

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: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	G and T Petroleum Consulting and Management
Well Name	Morris Trust 1
Doc ID	1050631

All Electric Logs Run

Dual Induction Log
Porosity Log
Microrestivity Log
BHC Sonic Log

Form	ACO1 - Well Completion
Operator	G and T Petroleum Consulting and Management
Well Name	Morris Trust 1
Doc ID	1050631

Tops

Heebner	3483	-1529
Toronto	3503	-1549
Douglas	3521	-1568
Lansing	3649	-1701
Mississippian	4010	-2062
Viola	4098	-2150
Simpson	4159	-2211
Arbuckle	4212	-2264

Geological Report
Morris Trust #1

Operator: G & T Petroleum Consulting & Management
SW, NE, NE, NW 14 – 24S – 14W Stafford County, KS
340' FNL, 2300' FWL
API: 15-185-23660-0000

The Morris Trust #1 was spud on January 22, 2011 by HD Rig #3 and drilled to a total depth of 4250' on January 31, 2011. Rock samples along with hotwire and chromatograph readings were collected from 3400' to 4250'. Formation tops are as follows:

	Log Tops LTD 4249'	Sample Tops RTD 4250'
Heebner	3483' (-1529')	3484' (-1530')
Toronto	3503' (-1549')	3503' (-1549')
Douglas	3521' (-1568')	3522' (-1568')
Lansing*	3649' (-1701')	3648' (-1700')
Mississippian*	4010' (-2062')	4011' (-2063')
Viola*	4098' (-2150')	4098' (-2150')
Simpson*	4159' (-2211')	4164' (-2216')
Arbuckle	4212' (-2264')	4210' (-2262')

*Denotes sample show in formation

DST #1: 3770' – 3795' Kansas City "I" zone
Times: 20"- 45"- 45"- 90"
1st open: strong blow, bottom of bucket in 3 minutes 40 seconds
1st shut-in: bled off, no blow back
2nd open: strong blow, bottom of bucket in 5 minutes
2nd shut-in: bled off, no blow back
Recovery: 65' total fluid, 65' (0.91 bbl) heavy gas cut muddy watery oil (25% gas, 37% oil, 28% water, 15% mud) 600' Gas in pipe BHT- 111°F, 46,000 chlorides
IH: 1867#, IF: 14#-21#, ISI: 686#, FF: 19#-34#, FSI: 622#, FH: 1878#

DST #2: 3797' – 3825' Kansas City "J" zone
Times: 30"- 60"- 45"- 60"
1st open: weak blow, built to 3.5 inches
1st shut-in: no blow back
2nd open: weak blow, built to 3 inches
2nd shut-in: no blow back
Recovery: 25' total fluid, 15' (0.21 bbl) mud cut water (85% water, 15% mud), 10' (0.14 bbl) heavy mud BHT- 109°F, 38,000 chlorides
IH: 1874#, IF: 17#-27#, ISI: 1066#, FF: 29#-41#, FSI: 1049#, FH: 1839#

DST #3 4005' – 4030' Mississippian zone
Times: 30"- 60"- 60"- 90"
1st open: weak blow, built to 5 inches
1st shut-in: bled off, no blow back
2nd open: weak blow, 3 inches immediately, built to 6 inches
2nd shut-in: bled off, no blow back
Recovery: 20' total fluid, 20' (0.28 bbl) slightly oil spotted mud (1% oil, 99% mud)
BHT- 111°F
IH: 2037#, IF: 13#-16#, ISI: 113#, FF: 13#-15#, FSI: 96#, FH: 2056#

Analysis of zones with shows are as follows, please refer to the mudlog for sample descriptions:

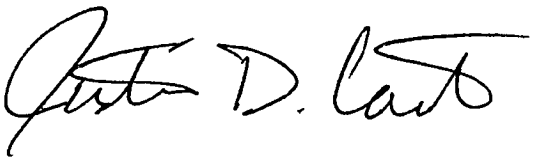
Lansing	"B"	3665' – 3681', no sample show, good permeability, low resistivity
K.C.	"D"	3715' – 3727' drilling break with sample show, low resistivity
	"I"	3789' – 3800' Zone included in DST #1, recovery in test included 65' Heavy gas cut muddy watery oil with 600' gas in pipe, shut-in-pressures 686# to 622#, chlorides equal 46,000 ppm, 1' permeability at 3790'
	"J"	3805' – 3828' Zone included in DST #2, recovery in test 25' total (15' mud cut water, 10' mud), shut-in-pressures 1066# 1049#, logs show permeability from 3814' to 3820' and 3821' to 3825', lower resistivity with good SP deflection and 15% porosity average
	"K"	3842' – 3855' sample show, logs show SP deflection with permeability from 3842' to 3853', low resistivity, comparing to other zones above would have tested similar to "J" zone possibly more water recovery
Marmaton		3970' – 3975' and 3982' – 3986' sample shows in both zones logs show slight SP deflection with 1' permeability at 3970' resistivity read lower or equal to shale baseline
Mississippian		4010' – 4027' main objective, DST #3 was run over interval recovery included 20' of slightly oil spotted mud, shut-in-pressures 113# to 96#, logs show permeability from 4010' to 4027', Rt = 13 ohms, slight deflection in SP, 17% porosity, sample shows
Viola		4098' – 4105' and 4120' – 4134' sample show in intervals with low resistivity equivalent to shale baselines, good resistivity separation at 4154' to 4159' with 3% porosity, shows no perm on microlog

Simpson Sand	4174' – 4182' sample show, logs show 8% porosity with permeability 4174' to 4180', resistivity low with Rt= 15 ohms

In DST #1, tested over the Kansas City "I" zone, hydrocarbons were recovered. A total volume of 0.91 barrels was collected over a total of 65 minutes open. A breakdown of the of the recovered DST sample showed that approximately this test recovered 0.33 barrels of oil in that 65 minutes. The bottom hole pressures of 686# to 622# are approximately in the range of 200# less than the bottom hole pressures of other productive wells in the area. The oil recovery combined with the 600' of gas in the pipe shows significant evidence that this zone would be economic enough to run pipe on by itself.

The primary objective of the Mississippian formation showed to be 11' high to the dry hole drilled to the west in this same section. It was 30' low to the closest producer in section 11 to the north of this location approximately 1200' away. DST #3 over this interval recovered 20' of slightly oil spotted mud with shut in pressures of 113# to 96#. Such low bottom hole pressures along with the a low recovery of fluid is evidence enough that zone is also uneconomical.

This zone was frac stimulated in the producer to the north in section 11, but their drill stem test over the Mississippian zone showed bottom hole pressures of 903# to 911#. Recovery from that test also yielded gas to surface gauged at 6.5 MCFPD. Secondary objectives in the Lansing, Marmaton, Viola, and Simpson showed to also be noncommercial by analyzing DST data and electric log data. It is my recommendation to plug and abandon the well.



Justin D. Carter
Wellsight Geologist
Home: 620-624-2842, Cell 620-655-1187
carter_justin@att.net

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name:	MORRIS TRUST #1		
Location:	SW, NE, NE, NW Sec. 14 - 24S - 14W Stafford Co., KS		
License Number:	15-185-23660-0000	**Region:**	Rattlesnake West
Spud Date:	01/22/11	**Drilling Completed:**	01/31/11
Surface Coordinates:	340' FNL, 2300' FWL		
Bottom Hole Coordinates:			
Ground Elevation (ft):	1942'	**K.B. Elevation (ft):**	1948'
Logged Interval (ft):	3400' To: 4250'	**Total Depth (ft):**	4250'
Formation:	LKC, MISS, VIOLA, SIMPSON		
Type of Drilling Fluid:	Chemical Mud		

OPERATOR

Company: G & T Petroleum Consulting & Management
Address: P.O. Box 8
McCracken, KS 67556
Co. Rep.: Mr. Jim Rutherford

GEOLOGIST

Name: Justin Carter
Company:
Address: 1020 N. Jordan Ave.
Liberal, KS 67901
Home: 620-624-2842, Cell: 620-655-1187

DST #1

3770' - 3795' 20-45-45-90
IF: STRNG BLOW, BOB 3 MIN., ISI: NO BB, FF: STRNG BLOW, BOB 5 MIN., FSI: NO BB
IF: 14-21, FF: 19-34, ISI: 686, FSI: 622, IH: 1867, FH: 1878
RECOV: 65' TOTAL, 65' HGCMWO, 600' GIP
BHT- 111 DEG, CHL- 46,000

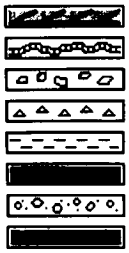
DST #2

3797' - 3825' 30-60-45-60
IF: WK BLOW, BUILT TO 3.5", ISI: NO BB, FF: WK BLOW, BUILT TO 3", FSI: NO BB
IF: 17-27, FF: 29-41, ISI: 1066, FSI: 1049, IH: 1874, FH: 1839
RECOV: 25' TOTAL, 15' MCW, 10' MUD
BHT- 109 DEG, CHL- 38,000

DST #3

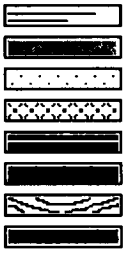
4005' - 4030' 30-60-60-90
IF: WK BLOW, BUILT TO 5", ISI: NO BB, FF: WK BLOW, 3" IMMED, BUILT TO 6", FSI: NO BB
IF: 13-16, FF: 13-15, ISI: 113, FSI: 96, IH: 2037, FH: 2056
RECOV: 20' TOTAL, 20' SOSM
BHT- 111 DEG

ROCK TYPES



Anhy
Bent
Brec
Cht
Clyst
Coal
Congl
Dol

Gyp
Igne
Lmst
Meta
Mrlst
Salt
Shale
Shcol



Shgy
Sltst
Ss
Till
Carb sh
Dol
Dtd
Gry sh

Sandylms
Shale
Sltstn
Shlyslts
Sltysh
Lms

ACCESSORIES

FOSSIL

Algae
Amph
Belm
Biocist
Brach
Bryozoa
Cephal
Coral
Crin
Echin
Fish
Foram
Fossil
Gastro
Oolite
Ostra
Pelec
Pellet
Pisolite
Plant
Strom
Fuss
Oomold

MINERAL

Anhy
Arggrn
Arg
Bent
Bit
Brecfrag
Calc
Carb
Chtdk
Chtlt
Dol
Feldspar
Ferrpel
Ferr
Glau
Gyp
Hvymin
Kaol
Marl
Minxl
Nodule
Phos
Pyr
Salt
Sandy
Silt
Sil
Sulphur
Tuff
Chlorite
Dol
Sand
Slty

STRINGER

Anhy
Arg
Bent
Coal
Dol
Gyp
Ls
Mrst
Sltstrg
Ssstrg
Carbsh
Clystn
Dol
Grysh
Grysltt
Lms
Sandylms
Sh
Sltstn

TEXTURE

BS Boundst
C Chalky
CX Cryxln
E Earthy
FX Finexln
GS Grainst
L Lithogr
MX Microxln
MS Mudst
PS Packst
WS Wackest

OTHER SYMBOLS

INTERVALS

Core
Dst
Dst

EVENTS

Rft
Sidewall

POROSITY TYPE

E Earthy
F Fenest
F Fracture
I Inter
M Moldic
O Organic
P Pinpoint
V Vuggy

SORTING

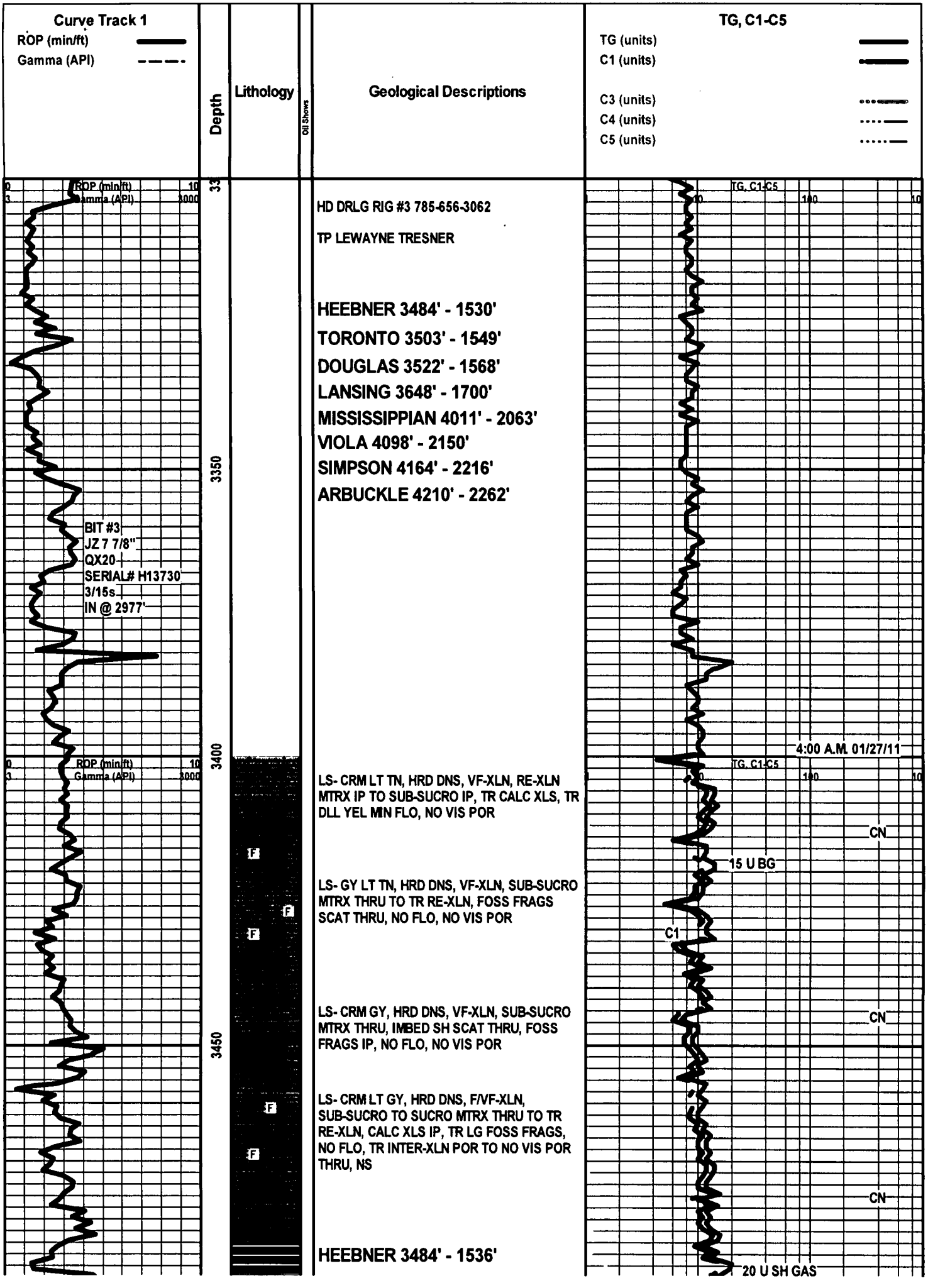
W Well
M Moderate
P Poor

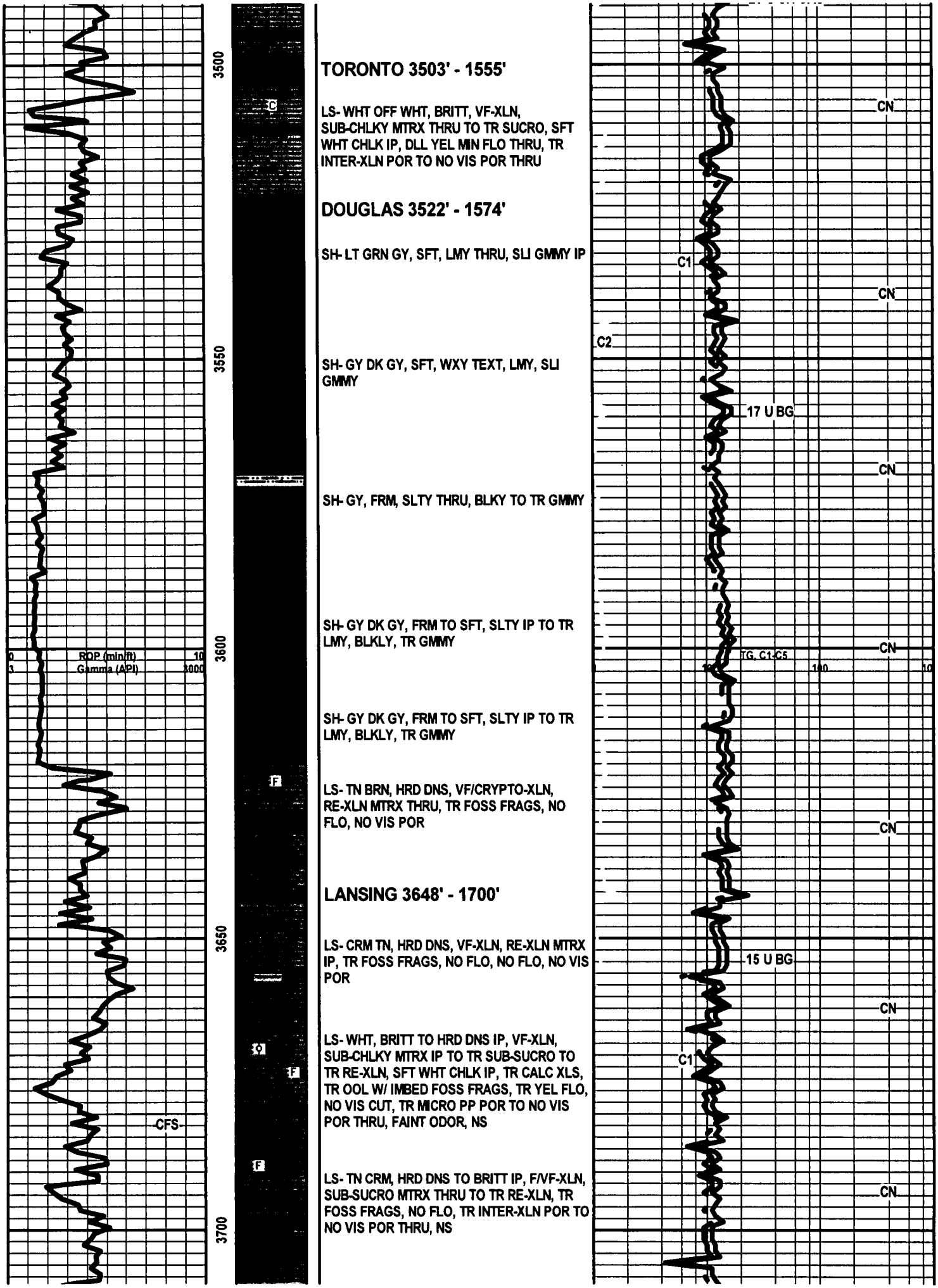
ROUNDING

R Rounded
S Subrnd
A Subang
A Angular

OIL SHOWS

Even
Spotted
Q Ques
D Dead
Gas show


Curve Track 1
ROP (min/ft)
Gamma (API)
Depth
Lithology
Oil Shows
Geological Descriptions
TG, C1-C5
TG (units)
C1 (units)
C3 (units)
C4 (units)
C5 (units)
ROP (min/ft) 0 10
Gamma (API) 3 3000
TG, C1-C5 1 100 10
33
HD DRLG RIG #3 785-656-3062
TP LEWAYNE TRESNER
HEEBNER 3484' - 1530'
TORONTO 3503' - 1549'
DOUGLAS 3522' - 1568'
LANSING 3648' - 1700'
MISSISSIPPIAN 4011' - 2063'
VIOLA 4098' - 2150'
SIMPSON 4164' - 2216'
ARBUCKLE 4210' - 2262'
3350
BIT #3
JZ 7 7/8"
QX20
SERIAL# H13730
3/15s
IN @ 2977'
4:00 A.M. 01/27/11
3400
LS- CRM LT TN, HRD DNS, VF-XLN, RE-XLN MTRX IP TO SUB-SUCRO IP, TR CALC XLS, TR DLL YEL MIN FLO, NO VIS POR
CN
15 U BG
F
LS- GY LT TN, HRD DNS, VF-XLN, SUB-SUCRO MTRX THRU TO TR RE-XLN, FOSS FRAGS SCAT THRU, NO FLO, NO VIS POR
C1
3450
LS- CRM GY, HRD DNS, VF-XLN, SUB-SUCRO MTRX THRU, IMBED SH SCAT THRU, FOSS FRAGS IP, NO FLO, NO VIS POR
CN
LS- CRM LT GY, HRD DNS, F/VF-XLN, SUB-SUCRO TO SUCRO MTRX THRU TO TR RE-XLN, CALC XLS IP, TR LG FOSS FRAGS, NO FLO, TR INTER-XLN POR TO NO VIS POR THRU, NS
CN
HEEBNER 3484' - 1536'
20 U SH GAS


3500
3550
3600
3650
3700
C
F
F
F
ROP (min/ft)
Gamma (API)
-CFS-
TORONTO 3503' - 1555'
LS- WHT OFF WHT, BRITT, VF-XLN, SUB-CHLKY MTRX THRU TO TR SUCRO, SFT WHT CHLK IP, DLL YEL MIN FLO THRU, TR INTER-XLN POR TO NO VIS POR THRU
DOUGLAS 3522' - 1574'
SH- LT GRN GY, SFT, LMY THRU, SLI GMMY IP
SH- GY DK GY, SFT, WXY TEXT, LMY, SLI GMMY
SH- GY, FRM, SLTY THRU, BLKY TO TR GMMY
SH- GY DK GY, FRM TO SFT, SLTY IP TO TR LMY, BLKLY, TR GMMY
SH- GY DK GY, FRM TO SFT, SLTY IP TO TR LMY, BLKLY, TR GMMY
LS- TN BRN, HRD DNS, VF/CRYPTO-XLN, RE-XLN MTRX THRU, TR FOSS FRAGS, NO FLO, NO VIS POR
LANSING 3648' - 1700'
LS- CRM TN, HRD DNS, VF-XLN, RE-XLN MTRX IP, TR FOSS FRAGS, NO FLO, NO FLO, NO VIS POR
LS- WHT, BRITT TO HRD DNS IP, VF-XLN, SUB-CHLKY MTRX IP TO TR SUB-SUCRO TO TR RE-XLN, SFT WHT CHLK IP, TR CALC XLS, TR OOL W/ IMBED FOSS FRAGS, TR YEL FLO, NO VIS CUT, TR MICRO PP POR TO NO VIS POR THRU, FAINT ODOR, NS
LS- TN CRM, HRD DNS TO BRITT IP, F/VF-XLN, SUB-SUCRO MTRX THRU TO TR RE-XLN, TR FOSS FRAGS, NO FLO, TR INTER-XLN POR TO NO VIS POR THRU, NS
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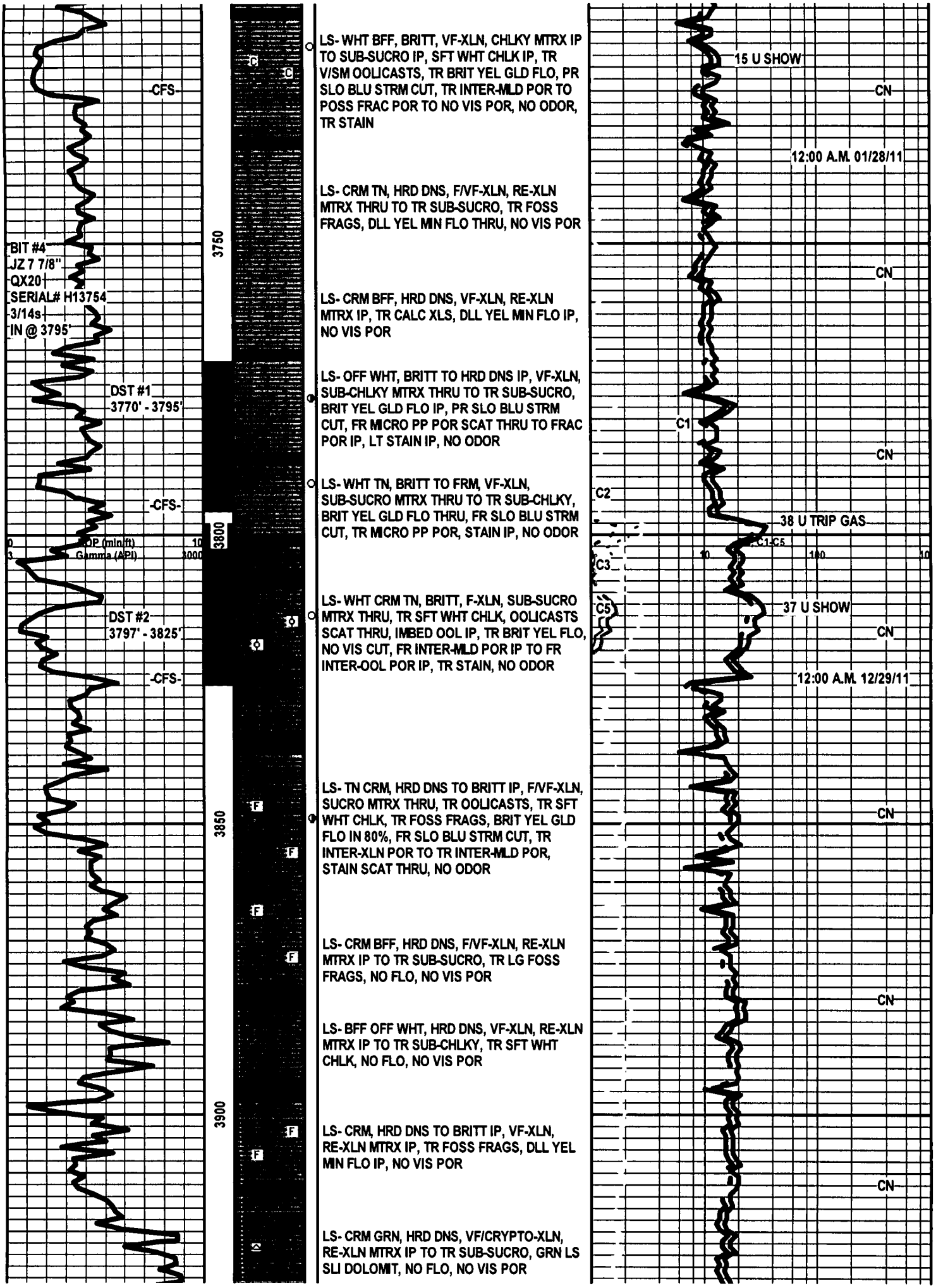
C1
CN
C2
17 U BG
CN
CN
TG, C1-C5
CN
15 U BG
CN
C1
CN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QX20
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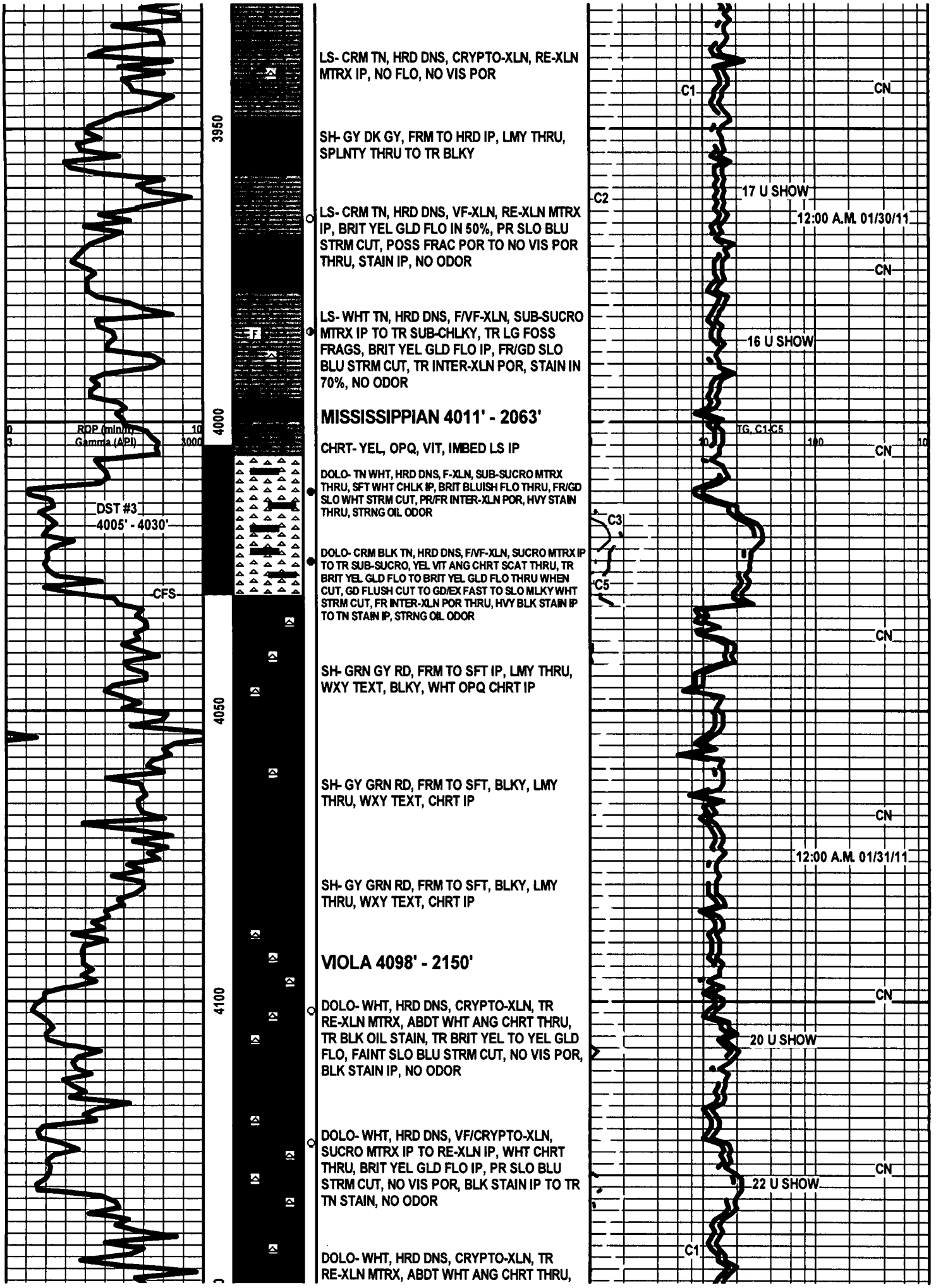
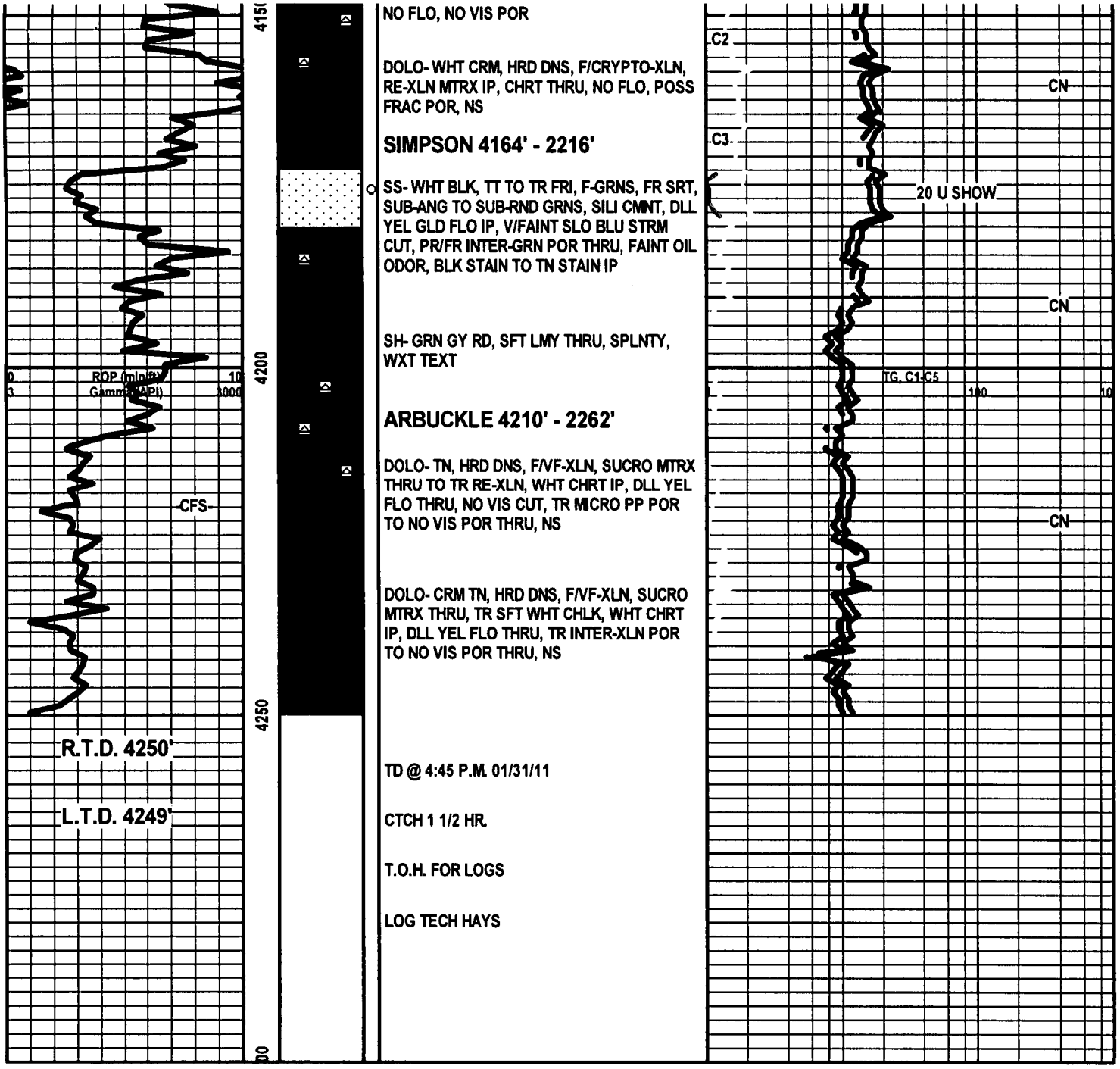
3/14s
IN @ 3795'
DST #1
3770' - 3795'
-CFS-
DST #2
3797' - 3825'
-CFS-
ROP (min/ft)
Gamma (API)
3750
3800
3850
3900
LS- WHT BFF, BRITT, VF-XLN, CHLKY MTRX IP TO SUB-SUCRO IP, SFT WHT CHLK IP, TR V/SM OOLICASTS, TR BRIT YEL GLD FLO, PR SLO BLU STRM CUT, TR INTER-MLD POR TO POSS FRAC POR TO NO VIS POR, NO ODOR, TR STAIN
LS- CRM TN, HRD DNS, F/VF-XLN, RE-XLN MTRX THRU TO TR SUB-SUCRO, TR FOSS FRAGS, DLL YEL MIN FLO THRU, NO VIS POR
LS- CRM BFF, HRD DNS, VF-XLN, RE-XLN MTRX IP, TR CALC XLS, DLL YEL MIN FLO IP, NO VIS POR
LS- OFF WHT, BRITT TO HRD DNS IP, VF-XLN, SUB-CHLKY MTRX THRU TO TR SUB-SUCRO, BRIT YEL GLD FLO IP, PR SLO BLU STRM CUT, FR MICRO PP POR SCAT THRU TO FRAC POR IP, LT STAIN IP, NO ODOR
LS- WHT TN, BRITT TO FRM, VF-XLN, SUB-SUCRO MTRX THRU TO TR SUB-CHLKY, BRIT YEL GLD FLO THRU, FR SLO BLU STRM CUT, TR MICRO PP POR, STAIN IP, NO ODOR
LS- WHT CRM TN, BRITT, F-XLN, SUB-SUCRO MTRX THRU, TR SFT WHT CHLK, OOLICASTS SCAT THRU, IMBED OOL IP, TR BRIT YEL FLO, NO VIS CUT, FR INTER-MLD POR IP TO FR INTER-OOL POR IP, TR STAIN, NO ODOR
LS- TN CRM, HRD DNS TO BRITT IP, F/VF-XLN, SUCRO MTRX THRU, TR OOLICASTS, TR SFT WHT CHLK, TR FOSS FRAGS, BRIT YEL GLD FLO IN 80%, FR SLO BLU STRM CUT, TR INTER-XLN POR TO TR INTER-MLD POR, STAIN SCAT THRU, NO ODOR
LS- CRM BFF, HRD DNS, F/VF-XLN, RE-XLN MTRX IP TO TR SUB-SUCRO, TR LG FOSS FRAGS, NO FLO, NO VIS POR
LS- BFF OFF WHT, HRD DNS, VF-XLN, RE-XLN MTRX IP TO TR SUB-CHLKY, TR SFT WHT CHLK, NO FLO, NO VIS POR
LS- CRM, HRD DNS TO BRITT IP, VF-XLN, RE-XLN MTRX IP, TR FOSS FRAGS, DLL YEL MIN FLO IP, NO VIS POR
LS- CRM GRN, HRD DNS, VF/CRYPTO-XLN, RE-XLN MTRX IP TO TR SUB-SUCRO, GRN LS SLI DOLOMIT, NO FLO, NO VIS POR
15 U SHOW
CN
12:00 A.M. 01/28/11
CN
C1
CN
C2
38 U TRIP GAS
C1-C5
10
100
C3
C5
37 U SHOW
CN
12:00 A.M. 12/29/11
CN
CN
CN


ROP (min/ft)
Gamma (API)
0
3
10
3000
3950
4000
4050
4100
DST #3
4005' - 4030'
CFS
LS- CRM TN, HRD DNS, CRYPTO-XLN, RE-XLN MTRX IP, NO FLO, NO VIS POR
SH- GY DK GY, FRM TO HRD IP, LMY THRU, SPLNTY THRU TO TR BLKY
LS- CRM TN, HRD DNS, VF-XLN, RE-XLN MTRX IP, BRIT YEL GLD FLO IN 50%, PR SLO BLU STRM CUT, POSS FRAC POR TO NO VIS POR THRU, STAIN IP, NO ODOR
LS- WHT TN, HRD DNS, F/VF-XLN, SUB-SUCRO MTRX IP TO TR SUB-CHLKY, TR LG FOSS FRAGS, BRIT YEL GLD FLO IP, FR/GD SLO BLU STRM CUT, TR INTER-XLN POR, STAIN IN 70%, NO ODOR
MISSISSIPPIAN 4011' - 2063'
CHRT- YEL, OPQ, VIT, IMBED LS IP
DOLO- TN WHT, HRD DNS, F-XLN, SUB-SUCRO MTRX THRU, SFT WHT CHLK IP, BRIT BLUISH FLO THRU, FR/GD SLO WHT STRM CUT, PR/FR INTER-XLN POR, HVY STAIN THRU, STRNG OIL ODOR
DOLO- CRM BLK TN, HRD DNS, F/VF-XLN, SUCRO MTRX IP TO TR SUB-SUCRO, YEL VIT ANG CHRT SCAT THRU, TR BRIT YEL GLD FLO TO BRIT YEL GLD FLO THRU WHEN CUT, GD FLUSH CUT TO GD/EX FAST TO SLO MLKY WHT STRM CUT, FR INTER-XLN POR THRU, HVY BLK STAIN IP TO TN STAIN IP, STRNG OIL ODOR
SH- GRN GY RD, FRM TO SFT IP, LMY THRU, WXY TEXT, BLKY, WHT OPQ CHRT IP
SH- GY GRN RD, FRM TO SFT, BLKY, LMY THRU, WXY TEXT, CHRT IP
SH- GY GRN RD, FRM TO SFT, BLKY, LMY THRU, WXY TEXT, CHRT IP
VIOLA 4098' - 2150'
DOLO- WHT, HRD DNS, CRYPTO-XLN, TR RE-XLN MTRX, ABDT WHT ANG CHRT THRU, TR BLK OIL STAIN, TR BRIT YEL TO YEL GLD FLO, FAINT SLO BLU STRM CUT, NO VIS POR, BLK STAIN IP, NO ODOR
DOLO- WHT, HRD DNS, VF/CRYPTO-XLN, SUCRO MTRX IP TO RE-XLN IP, WHT CHRT THRU, BRIT YEL GLD FLO IP, PR SLO BLU STRM CUT, NO VIS POR, BLK STAIN IP TO TR TN STAIN, NO ODOR
DOLO- WHT, HRD DNS, CRYPTO-XLN, TR RE-XLN MTRX, ABDT WHT ANG CHRT THRU,
C1
CN
C2
17 U SHOW
12:00 A.M. 01/30/11
CN
16 U SHOW
TG, C1-C5
10
100
1000
CN
C3
C5
CN
CN
12:00 A.M. 01/31/11
CN
20 U SHOW
CN
22 U SHOW
C1



NO FLO, NO VIS POR

DOLO- WHT CRM, HRD DNS, F/CRYPTO-XLN, RE-XLN MTRX IP, CHRT THRU, NO FLO, POSS FRAC POR, NS

SIMPSON 4164' - 2216'

SS- WHT BLK, TT TO TR FRI, F-GRNS, FR SRT, SUB-ANG TO SUB-RND GRNS, SILI CMNT, DLL YEL GLD FLO IP, V/FAINT SLO BLU STRM CUT, PR/FR INTER-GRN POR THRU, FAINT OIL ODOR, BLK STAIN TO TN STAIN IP

SH- GRN GY RD, SFT LMY THRU, SPLNTY, WXT TEXT

ARBUCKLE 4210' - 2262'

DOLO- TN, HRD DNS, F/VF-XLN, SUCRO MTRX THRU TO TR RE-XLN, WHT CHRT IP, DLL YEL FLO THRU, NO VIS CUT, TR MICRO PP POR TO NO VIS POR THRU, NS

DOLO- CRM TN, HRD DNS, F/VF-XLN, SUCRO MTRX THRU, TR SFT WHT CHLK, WHT CHRT IP, DLL YEL FLO THRU, TR INTER-XLN POR TO NO VIS POR THRU, NS

TD @ 4:45 P.M. 01/31/11

CTCH 1 1/2 HR.

T.O.H. FOR LOGS

LOG TECH HAYS

ALLIED CEMENTING CO., LLC. 038681

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend KS

DATE 1-23-10	SEC. 14	TWP. 24S	RANGE 14W	CALLED OUT	ON LOCATION	JOB START 7:15 AM	JOB FINISH 7:45 AM
LEASE Mavis	WELL # 1		LOCATION Saint John KS South To 281+50			COUNTY Stafford	STATE KS
OLD OR NEW (Circle one)			Just Sweet 1 North 3/4 East South into				

CONTRACTOR H-D Rig 3
TYPE OF JOB Surface
HOLE SIZE 12¼ T.D. 225
CASING SIZE 8⅝ DEPTH 225
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15
PERFS.
DISPLACEMENT 13.25 BBLS fresh

EQUIPMENT

PUMP TRUCK CEMENTER Wayne-D
366 HELPER Gary
BULK TRUCK
482 DRIVER CJ
BULK TRUCK
DRIVER

OWNER GT Petroleum - Consulting

CEMENT
AMOUNT ORDERED 225 class A 3%cc 2% Gel

COMMON	225	@ 13.50	3,037.50
POZMIX		@	
GEL	4	@ 20.25	81.00
CHLORIDE	8	@ 51.50	412.00
ASC		@	
HANDLING	225	@ 2.25	506.25
MILEAGE	225 x 20 x .10		450.00
TOTAL			4,486.25

REMARKS:
Pipe on Bottom Break Circulation with Rig mud Shut Down Hookup To Cement line mix 225 sx class A 3%cc + 2% Gel Displace 13.25 BBLS fresh water Cement did Circulate Shut in Washup Rig Down

SERVICE

DEPTH OF JOB	225		
PUMP TRUCK CHARGE			990.00
EXTRA FOOTAGE		@	
MILEAGE	20	@ 7.00	140.00
MANIFOLD		@	
TOTAL			1130.00

CHARGE TO: GT Petroleum Consulting
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

TOTAL

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL

SALES TAX (If Any)

ALLIED CEMENTING CO., LLC. 038685

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend KS

DATE 2-1-11	SEC. 14	TWP. 24S	RANGE 14W	CALLED OUT	ON LOCATION	JOB START 10 PM	JOB FINISH 10:30 PM
LEASE Morris Trust	WELL # 1		LOCATION Saint John KS 1 South			COUNTY Stafford	STATE KS
OLD OR NEW (Circle one)			2 west 1 South 2½ west southside				

CONTRACTOR H-O Rig 3
TYPE OF JOB Rotary Plug
HOLE SIZE 7⅞ T.D. 4250
CASING SIZE 8⅝ DEPTH 960
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER G-T Petroleum

CEMENT
AMOUNT ORDERED 150 SX 60/40 4% ¼ #/sk Flo Seal

EQUIPMENT

PUMP TRUCK CEMENTER Wayne - Mike
366 HELPER Bob - R
BULK TRUCK
341 DRIVER E - S
BULK TRUCK
DRIVER

COMMON	90	@ 13.50	1,215.00
POZMIX	60	@ 7.55	453.00
GEL	5	@ 20.25	101.25
CHLORIDE		@	
ASC		@	
Flo Seal	37	@ 2.45	90.65
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	150	@ 2.25	337.50
MILEAGE	150 x 20 x .10		300.00
		TOTAL	2,497.40

REMARKS:
900 ft mix 50 SX
540 ft mix 50 SX
8-4 Plug 60 ft 20 SX
Rat 30 SX

SERVICE

DEPTH OF JOB 900 ft
PUMP TRUCK CHARGE 990.00
EXTRA FOOTAGE @
MILEAGE 20 @ 7.00 140.00
MANIFOLD @
@
@
TOTAL 1130.00

CHARGE TO: G T Petroleum
STREET
CITY STATE ZIP

Thank You 999

PLUG & FLOAT EQUIPMENT

@
@
@
@
@
TOTAL

SALES TAX (If Any)

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

DRILL STEM TEST REPORT

G&T Petro. Consulting & Mgt.

P.O. Box 8
McCracken, KS 67556

ATTN: Jim Rutherford

Morris Trust #1

14-24w14sStafford KS

Job Ticket: 41380 DST#: 1

Test Start: 2011.01.28 @ 09:00:00

GENERAL INFORMATION:

Formation: Kansas City I-J
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:19:30
Time Test Ended: 17:40:00

Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 43

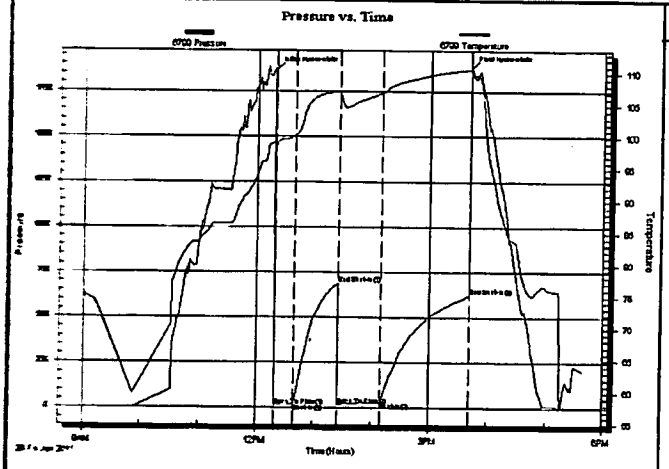
Interval: 3770.00 ft (KB) To 3795.00 ft (KB) (TVD)
Total Depth: 3795.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1955.00 ft (KB)
1948.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6799 Outside
Press@RunDepth: 33.76 psig @ 3771.00 ft (KB)
Start Date: 2011.01.28 End Date: 2011.01.28
Start Time: 09:00:05 End Time: 17:40:00

Capacity: 8000.00 psig
Last Calib.: 2011.01.28
Time On Btm: 2011.01.28 @ 12:18:45
Time Off Btm: 2011.01.28 @ 15:41:30

TEST COMMENT: IF: Strong blow, BOB 3 minutes 40 seconds.
ISI: Bled off, no blow back.
FF: Strong blow, BOB 5 minutes.
FSI: Bled off, no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1866.90	99.24	Initial Hydro-static
1	14.46	98.74	Open To Flow (1)
21	20.92	100.31	Shut-In(1)
67	686.09	107.20	End Shut-In(1)
67	18.56	106.78	Open To Flow (2)
111	33.76	106.96	Shut-In(2)
203	621.84	110.55	End Shut-In(2)
203	1877.89	110.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	HGCMWO 25%g 15%m 28%w 37%o	0.91
0.00	600' GIP	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

G&T Petro. Consulting & Mgt.

P.O. Box 8
McCracken, KS 67556

ATTN: Jim Rutherford

Morris Trust #1

14-24w14sStafford KS

Job Ticket: 41380 **DST#: 1**

Test Start: 2011.01.28 @ 09:00:00

Tool Information

Drill Pipe:	Length:	3774.00 ft	Diameter:	3.80 inches	Volume:	52.94 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	52.94 bbl	

Drill Pipe Above KB:	32.00 ft
Depth to Top Packer:	3770.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	25.00 ft
Tool Length:	53.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2500.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	45000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	38000.00 lb
Final	40000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3747.00		
Hydraulic tool	5.00			3752.00		
Jars	5.00			3757.00		
Safety Joint	3.00			3760.00		
Packer	5.00			3765.00	28.00	Bottom Of Top Packer
Packer	5.00			3770.00		
Stubb	1.00			3771.00		
Recorder	0.00	8648	Inside	3771.00		
Recorder	0.00	6799	Outside	3771.00		
Perforations	19.00			3790.00		
Bullnose	5.00			3795.00	25.00	Bottom Packers & Anchor
Total Tool Length:	**53.00**					

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

G&T Petro. Consulting & Mgt.

P.O. Box 8
McCracken, KS 67556

ATTN: Jim Rutherford

Morris Trust #1

14-24w14sStafford KS

Job Ticket: 41381 **DST#: 2**

Test Start: 2011.01.29 @ 01:15:00

GENERAL INFORMATION:

Formation: KANSAS CITY
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:44:45
Time Test Ended: 09:26:15

Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 43

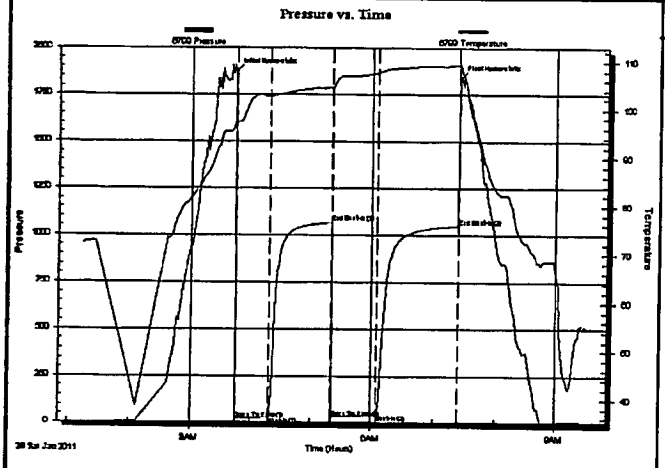
Interval: 3797.00 ft (KB) To 3825.00 ft (KB) (TVD)
Total Depth: 3825.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1955.00 ft (KB)
1948.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6799 Outside
Press@RunDepth: 41.05 psig @ 3798.00 ft (KB)
Start Date: 2011.01.29 End Date: 2011.01.29
Start Time: 01:15:05 End Time: 09:26:14

Capacity: 8000.00 psig
Last Calib.: 2011.01.29
Time On Btm: 2011.01.29 @ 03:44:15
Time Off Btm: 2011.01.29 @ 07:24:15

TEST COMMENT: IF: Weak blow , built to 3.5"
ISI: No blow back.
FF: Weak blow , built to 3"
FSI: No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1873.97	97.66	Initial Hydro-static
1	17.18	97.20	Open To Flow (1)
34	27.07	102.77	Shut-In(1)
96	1065.64	104.68	End Shut-In(1)
97	28.63	104.37	Open To Flow (2)
141	41.05	107.73	Shut-In(2)
220	1048.87	109.23	End Shut-In(2)
220	1838.56	109.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	MCW 15%m 85%w	0.21
10.00	Heavy mud 100%m	0.14

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

G&T Petro. Consulting & Mgt.

P.O. Box 8
McCracken, KS 67556

ATTN: Jim Rutherford

Morris Trust #1

14-24w14sStafford KS

Job Ticket: 41381 **DST#: 2**

Test Start: 2011.01.29 @ 01:15:00

Tool Information

Drill Pipe:	Length:	3774.00 ft	Diameter:	3.80 inches	Volume:	52.94 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:	20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	45000.00 lb
					Total Volume:	52.94 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		5.00 ft					String Weight: Initial	40000.00 lb
Depth to Top Packer:		3797.00 ft					Final	40000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		28.00 ft						
Tool Length:		56.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3774.00		
Hydraulic tool	5.00			3779.00		
Jars	5.00			3784.00		
Safety Joint	3.00			3787.00		
Packer	5.00			3792.00	28.00	Bottom Of Top Packer
Packer	5.00			3797.00		
Stubb	1.00			3798.00		
Recorder	0.00	8648	Inside	3798.00		
Recorder	0.00	6799	Outside	3798.00		
Perforations	22.00			3820.00		
Bullnose	5.00			3825.00	28.00	Bottom Packers & Anchor
Total Tool Length:	**56.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

G&T Petro. Consulting & Mgt.

P.O. Box 8
McCracken, KS 67556

ATTN: Jim Rutherford

Morris Trust #1

14-24w14sStafford KS

Job Ticket: 41382 **DST#: 3**

Test Start: 2011.01.30 @ 08:36:00

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:09:15
Time Test Ended: 16:56:00

Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 43

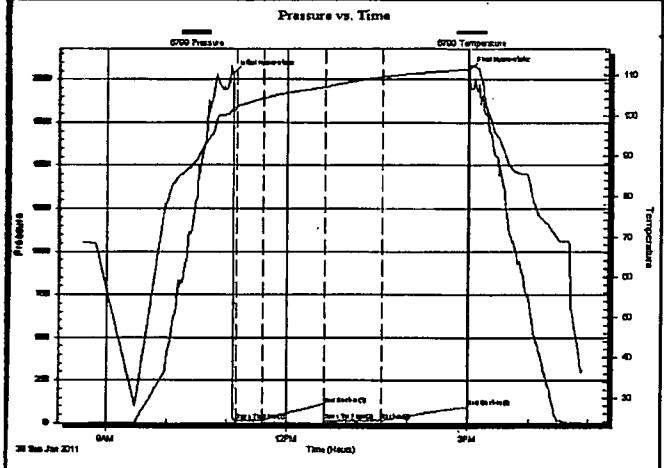
Interval: **4005.00 ft (KB) To 4030.00 ft (KB) (TVD)**
Total Depth: 4030.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1955.00 ft (KB)
1948.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6799 **Outside**
Press@RunDepth: 14.89 psig @ 4006.00 ft (KB)
Start Date: 2011.01.30 End Date: 2011.01.30
Start Time: 08:36:05 End Time: 16:55:59

Capacity: 8000.00 psig
Last Calib.: 2011.01.30
Time On Btm: 2011.01.30 @ 11:05:30
Time Off Btm: 2011.01.30 @ 15:01:00

TEST COMMENT: IF: Weak blow , built to.5".
ISI: Bled off, no blow back.
FF: Weak blow , 3" immediately, building to 6".
FSI: Bled off, no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2036.58	101.41	Initial Hydro-static
4	12.61	102.06	Open To Flow (1)
31	15.87	104.11	Shut-In(1)
92	112.67	106.93	End Shut-In(1)
93	12.76	106.86	Open To Flow (2)
150	14.89	109.46	Shut-In(2)
235	95.55	111.41	End Shut-In(2)
236	2055.75	112.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	SOSM 1%o 99%m	0.28

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

G&T Petro. Consulting & Mgt.

P.O. Box 8
McCracken, KS 67556

ATTN: Jim Rutherford

Morris Trust #1

14-24w14sStafford KS

Job Ticket: 41382 **DST#: 3**

Test Start: 2011.01.30 @ 08:36:00

Tool Information

Drill Pipe:	Length:	3992.00 ft	Diameter:	3.80 inches	Volume:	56.00 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:	20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	50000.00 lb
					Total Volume:	56.00 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		15.00 ft					String Weight: Initial	40000.00 lb
Depth to Top Packer:		4005.00 ft					Final	40000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		25.00 ft						
Tool Length:		53.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3982.00		
Hydraulic tool	5.00			3987.00		
Jars	5.00			3992.00		
Safety Joint	3.00			3995.00		
Packer	5.00			4000.00	28.00	Bottom Of Top Packer
Packer	5.00			4005.00		
Stubb	1.00			4006.00		
Recorder	0.00	8648	Inside	4006.00		
Recorder	0.00	6799	Outside	4006.00		
Perforations	19.00			4025.00		
Bullnose	5.00			4030.00	25.00	Bottom Packers & Anchor
Total Tool Length:	**53.00**					