



Scale 1:240 Imperial

Well Name: GETTY 33-34
Surface Location: NW SE SW SE 33-24S-14W
Bottom Location:
API: 15-185-23718
License Number: 34110
Spud Date: 11/25/2011 Time: 3:34 PM
Region: STAFFORD
Drilling Completed: 2/2/2011 Time: 5:50 PM
Surface Coordinates: 346' FSL & 1808' FEL
Bottom Hole Coordinates:
Ground Elevation: 1970.00ft
K.B. Elevation: 1979.00ft
Logged Interval: 0.00ft To: 0.00ft
Total Depth: 0.00ft
Formation:
Drilling Fluid Type: CHEMICAL/FRESH WATER GEL

OPERATOR

Company: CAERUS KANSAS LLC
Address: P. O. BOX 1378
HAYS, KS 67601

Contact Geologist: BRIAN KARLIN
Contact Phone Nbr: (785) 623-3290
Well Name: GETTY 33-34
Location: NW SE SW SE 33-24S-14W API: 15-185-23718
Pool: UNNAMED
State: KANSAS Country: USA

SURFACE CO-ORDINATES

Well Type: Vertical
Longitude: -98.8634250 Latitude: 37.9136140
N/S Co-ord: 346' FSL
E/W Co-ord: 1808' FEL

LOGGED BY



Company: SOLUTION CONSULTING
Address: 108 W 35TH
HAYS, KS 67601

Phone Nbr: (785) 259-3737
Logged By: Geologist Name: JEFF LAWLER

CONTRACTOR


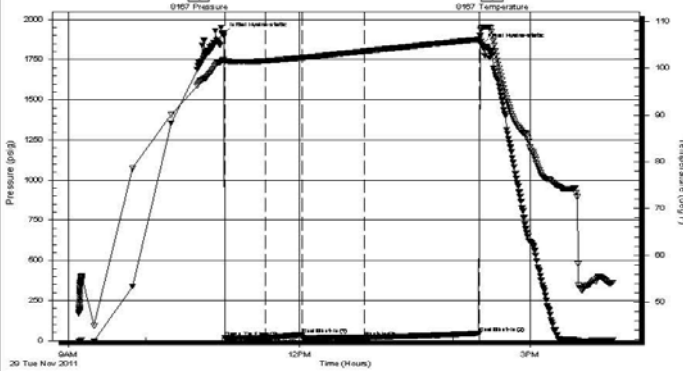
Contractor: MAVERIC DRILLING LLC
Rig #: 108
Rig Type: MUD ROTARY


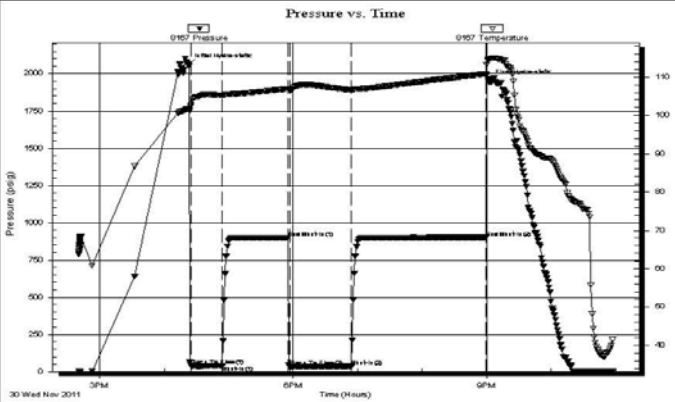
ELEVATIONS

K.B. Elevation: 1979.00ft Ground Elevation: 1970.00ft
 K.B. to Ground: 9.00ft

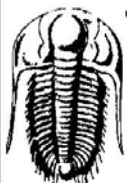
NOTES

LKC ' H '

 <p>TRILOBITE TESTING, INC.</p>	DRILL STEM TEST REPORT																																						
	Caerus Kansas LLC P.O.Box 1378 Hays Ks. 67601 ATTN: Jeff Lawler	33-24s-143w Stafford Ks Getty #33-34 Job Ticket: 44083 DST#: 1 Test Start: 2011.11.29 @ 09:08:12																																					
GENERAL INFORMATION:																																							
Formation: LKC H Deviated: No Whipstock: ft (KB) Time Tool Opened: 11:01:57 Time Test Ended: 16:04:57		Test Type: Conventional Bottom Hole (Initial) Tester: Gary Pevoteaux Unit No: 56																																					
Interval: 3818.00 ft (KB) To 3845.00 ft (KB) (TVD) Total Depth: 3845.00 ft (KB) (TVD) Hole Diameter: 7.88 inches Hole Condition: Fair		Reference Elevations: 1979.00 ft (KB) 1970.00 ft (CF) KB to GR/CF: 9.00 ft																																					
Serial #: 8167 Inside																																							
Press@RunDepth: 20.38 psig @ 3819.00 ft (KB) Start Date: 2011.11.29 End Date: 2011.11.29 Start Time: 09:08:13 End Time: 16:04:57		Capacity: 8000.00 psig Last Calib.: 2011.11.29 Time On Btm: 2011.11.29 @ 11:00:12 Time Off Btm: 2011.11.29 @ 14:22:12																																					
TEST COMMENT: IF:Weak blow . 3/4" decreasing. IS:No blow. FF:Weak blow . 1/2" decreasing. FS:No blow.																																							
<p style="text-align: center;">Pressure vs. Time</p> 		<p>PRESSURE SUMMARY</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Time (Min.)</th> <th>Pressure (psig)</th> <th>Temp (deg F)</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>0</td><td>1910.39</td><td>101.60</td><td>Initial Hydro-static</td></tr> <tr><td>2</td><td>16.69</td><td>101.36</td><td>Open To Flow (1)</td></tr> <tr><td>34</td><td>19.03</td><td>101.51</td><td>Shut-In(1)</td></tr> <tr><td>62</td><td>38.53</td><td>102.22</td><td>End Shut-In(1)</td></tr> <tr><td>63</td><td>19.83</td><td>102.22</td><td>Open To Flow (2)</td></tr> <tr><td>111</td><td>20.38</td><td>103.59</td><td>Shut-In(2)</td></tr> <tr><td>200</td><td>46.64</td><td>106.07</td><td>End Shut-In(2)</td></tr> <tr><td>202</td><td>1844.68</td><td>108.48</td><td>Final Hydro-static</td></tr> </tbody> </table>		Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation	0	1910.39	101.60	Initial Hydro-static	2	16.69	101.36	Open To Flow (1)	34	19.03	101.51	Shut-In(1)	62	38.53	102.22	End Shut-In(1)	63	19.83	102.22	Open To Flow (2)	111	20.38	103.59	Shut-In(2)	200	46.64	106.07	End Shut-In(2)	202	1844.68	108.48	Final Hydro-static
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 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT																																							
	Caerus Kansas LLC P.O.Box 1378 Hays Ks. 67601 ATTN: Jeff Lawler	33-24s-143w Stafford Ks Getty #33-34 Job Ticket: 44084 DST#: 2 Test Start: 2011.11.30 @ 14:40:45																																						
GENERAL INFORMATION:																																								
Formation: Miss. Deviated: No Whipstock: ft (KB) Time Tool Opened: 16:24:30 Time Test Ended: 22:57:00		Test Type: Conventional Bottom Hole (Reset) Tester: Gary Pevoteaux Unit No: 56																																						
Interval: 4058.00 ft (KB) To 4102.00 ft (KB) (TVD) Total Depth: 4102.00 ft (KB) (TVD) Hole Diameter: 7.88 inches Hole Condition: Fair		Reference Elevations: 1979.00 ft (KB) 1970.00 ft (CF) KB to GR/CF: 9.00 ft																																						
Serial #: 8167 Inside Press@RunDepth: 37.08 psig @ 4059.00 ft (KB) Capacity: 8000.00 psig Start Date: 2011.11.30 End Date: 2011.11.30 Last Calib.: 2011.11.30 Start Time: 14:40:46 End Time: 22:57:00 Time On Btm: 2011.11.30 @ 16:22:00 Time Off Btm: 2011.11.30 @ 21:01:15																																								
TEST COMMENT: IF: Strong blow. B.O.B. in 2 secs. GTS in 8 mins. (see gas flow report) IS! No blow. FF: Strong blow. (see gas flow report) FS! No blow.																																								
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* Recovery from multiple tests Trilobite Testing, Inc		Ref. No: 44084 Printed: 2011.12.01 @ 08:43:14																																						

DST #3 VIOLA

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		
	Caerus Kansas LLC P.O.Box 1378 Hays Ks. 67601 ATTN: Jeff Lawler	33-24s-143w Stafford Ks Getty #33-34 Job Ticket: 44085 DST#: 3 Test Start: 2011.12.01 @ 12:53:40	
GENERAL INFORMATION:			
Formation: Viola			

Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:33:40
 Time Test Ended: 20:17:40

Test Type: Conventional Bottom Hole (Reset)
 Tester: Gary Pevoteaux
 Unit No: 56

Interval: 4183.00 ft (KB) To 4217.00 ft (KB) (TVD)
 Total Depth: 4217.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1979.00 ft (KB)
 1970.00 ft (CF)
 KB to GR/CF: 9.00 ft

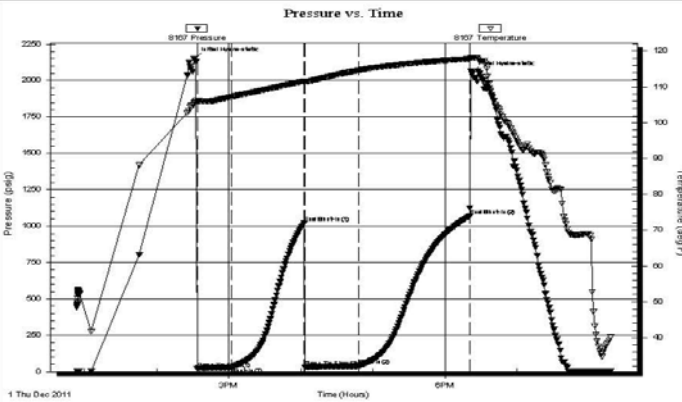
Serial #: 8167

Inside

Press@RunDepth: 40.04 psig @ 4184.00 ft (KB)
 Start Date: 2011.12.01 End Date:
 Start Time: 12:53:41 End Time:

Capacity: 8000.00 psig
 Last Calib.: 2011.12.01
 Time On Btm: 2011.12.01 @ 14:31:25
 Time Off Btm: 2011.12.01 @ 18:22:25

TEST COMMENT: IF:Weak to fair blow . 1 - 4 1/2".
 IS:No blow .
 FF:Weak blow . Increase to 3 1/2".
 FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2152.80	105.57	Initial Hydro-static
3	21.64	105.87	Open To Flow (1)
31	32.46	107.20	Shut-In(1)
92	1021.94	111.63	End Shut-In(1)
92	28.40	111.45	Open To Flow (2)
137	40.04	114.62	Shut-In(2)
229	1067.87	117.86	End Shut-In(2)
231	2056.31	118.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	SOCM <1%o 98+%m	0.63
0.00	20 ft.of GIP	0.00

Gas Rates

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

* Recovery from multiple tests

Trilobite Testing, Inc

Ref. No: 44085

Printed: 2011.12.01 @ 20:57:46

ROCK TYPES

Cht	Lmst fw7> shale, gry	Carbon Sh
Cht vari		Shcol

ACCESSORIES

STRINGER

- Chert
- green shale
- red shale

OTHER SYMBOLS

DST

- DST Int
- DST alt
- Core

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)

Curve Track #1	Intervals	ogy	OW	TG, C1 - C5
ROP (min/ft)				Total Gas (units)
Gamma (API)				C1 (units)
Cal (in)				C2 (units)
				C3 (units)

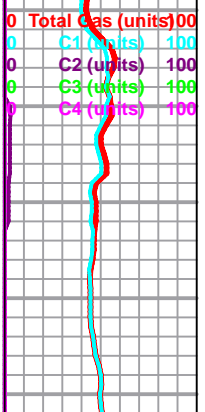
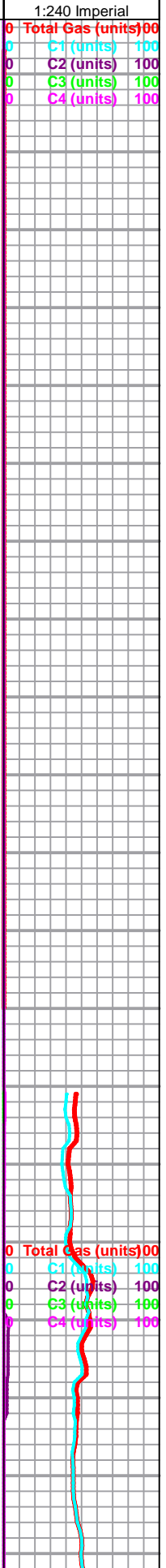
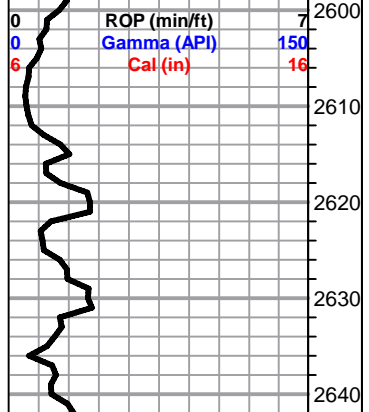
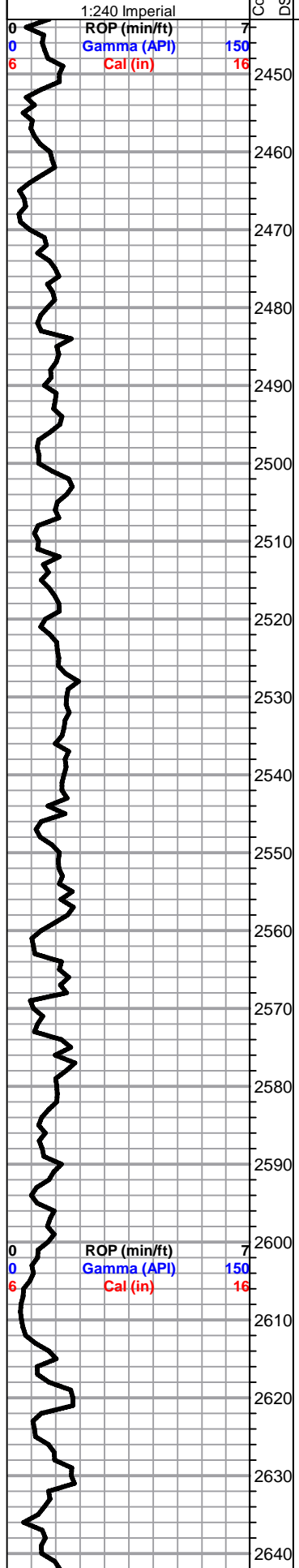
Depth
DST
Cored Interval
DST Interval

Litholo

Oil Sh

Geological Descriptions

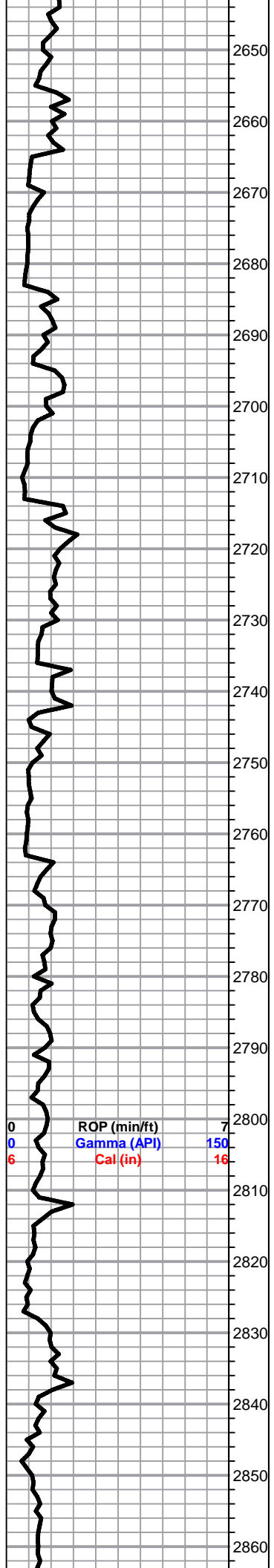
C3 (units)
C4 (units)



2650
2660
2670
2680
2690
2700
2710
2720
2730
2740
2750
2760
2770
2780
2790
2800
2810
2820
2830
2840
2850
2860

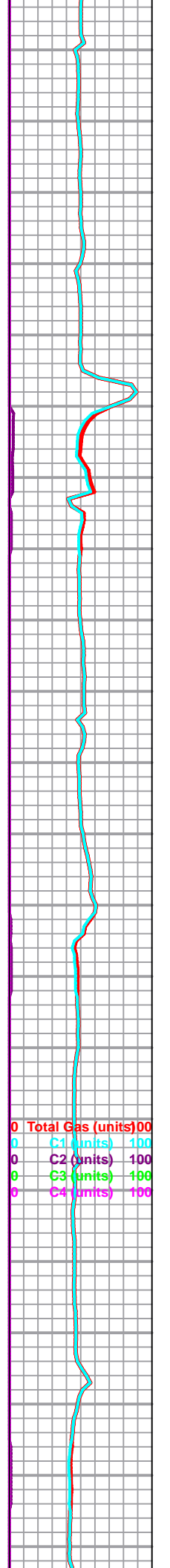
ROP (min/ft) 7
Gamma (API) 150
Cal (in) 16

0
0
6



Total Gas (units) 100
C1 (units) 100
C2 (units) 100
C3 (units) 100
C4 (units) 100

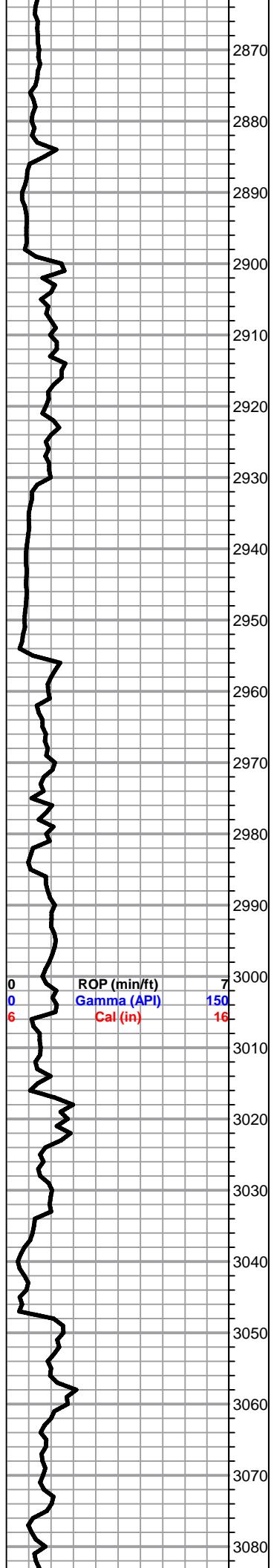
0
0
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0
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2870
2880
2890
2900
2910
2920
2930
2940
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3010
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3080

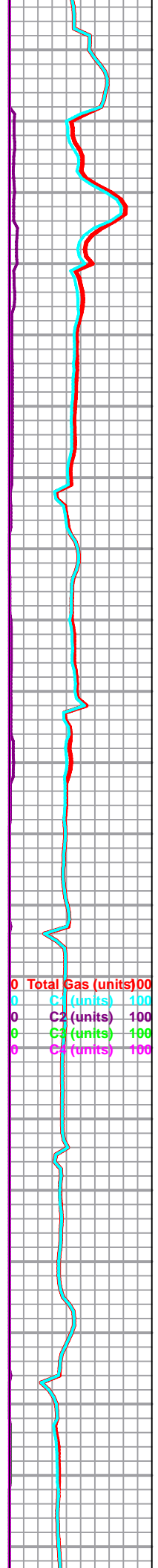
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0
0
6



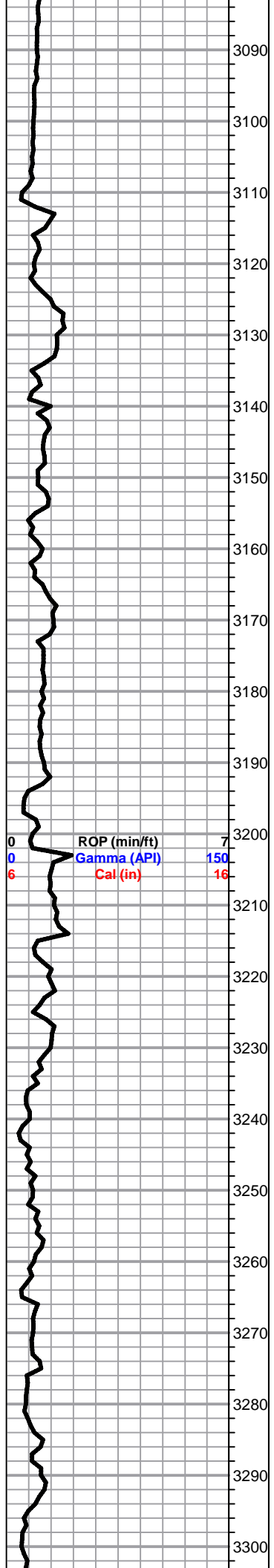
Total Gas (units) 100
C1 (units) 100
C2 (units) 100
C3 (units) 100
C4 (units) 100

0
0
0
0
0

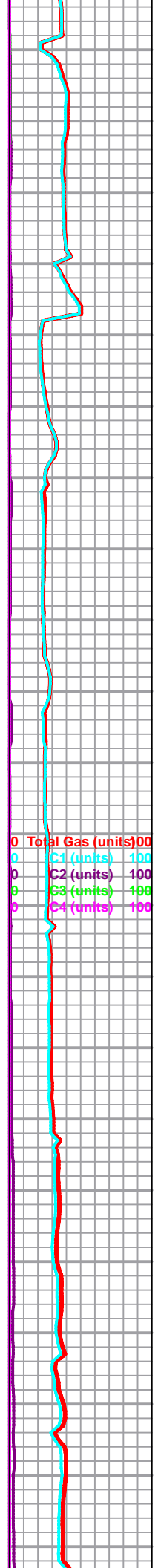


3090
3100
3110
3120
3130
3140
3150
3160
3170
3180
3190
3200
3210
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3230
3240
3250
3260
3270
3280
3290
3300

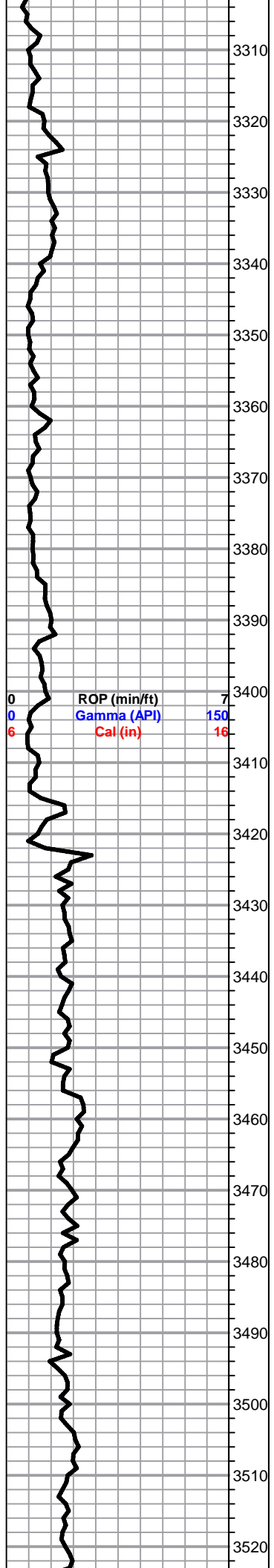
ROP (min/ft) 7
Gamma (API) 150
Cal (in) 16



Total Gas (units) 100
C1 (units) 100
C2 (units) 100
C3 (units) 100
C4 (units) 100



10' WET/DRY SAMPLES FROM 3350' - TD
JEFF LAWLER GEOLOGIC SUPERVISION FROM 3350' - TD



3310
 3320
 3330
 3340
 3350
 3360
 3370
 3380
 3390
 3400
 3410
 3420
 3430
 3440
 3450
 3460
 3470
 3480
 3490
 3500
 3510
 3520

Lm- Lt Gray Tan, VF grained, calcaerous trashy in part

Sh- Red Green Gray, mostly dense slivers, abundant argillaceous red clumps

Lm- Tan Gray, Med XLN, granular, calcareous in part, moderately developed porosity

Sh- Gray Red White, soft, red & white argillaceous clumps

Lm- Tan Gray, VF grained mud supported matrix, calcareous, some VF mostly dense

Lm- Buff Tan, VF-Med XLN, granular partly dolomitic, calcareous in part, mostly dense w/ little visible porosity

Sh- Black, fissile carbonaceous

Lm- Tan Buff Cream, Med XLN, granular & gritty, silty & calcareous in part, pinpoint porosity throughout

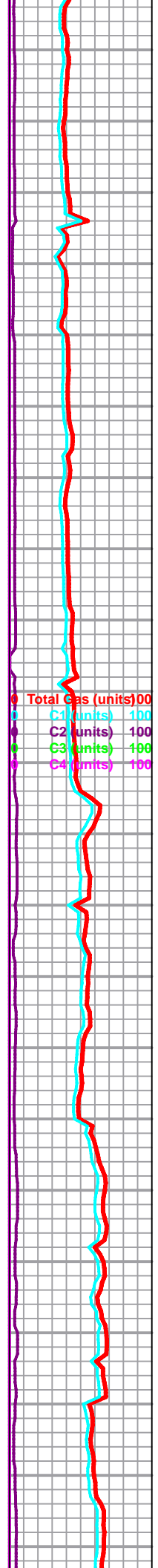
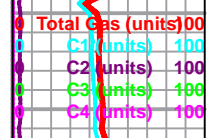
Lm- Cream Lt Gray, Med XLN, siliceous oolitic & dense, clastic w/ fossil fragments, moderately developed w/ pinpoint porosity

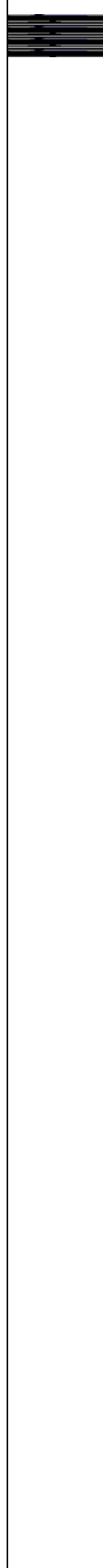
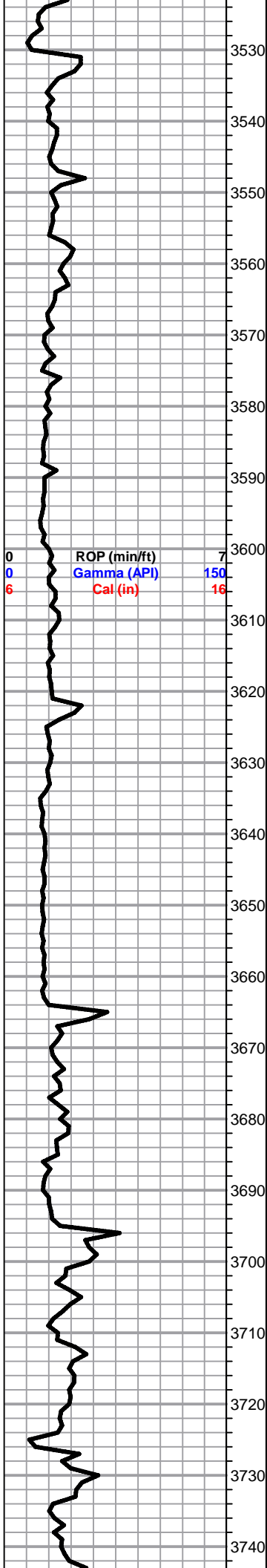
Lm- Gray Tan, VF XLN, mostly dense, semi-cryptocrystalline, little to no visible porosity

Lm- Lt Gray Brown, VF XLN, mostly dense w/ minimal visible porosity, some unconsolidated & trashy

Sh- Gray Lime Green Maroon

Lm- Cream, VF grained, silty & calcareous in part, mostly dense cryptocrystalline





HEEBNER 3526' (-1547) E-LOG Sh- Black Red Brown Lime Green, fissile, dense & blocky, carbonaceous, soft argillaceous chips & clumps, some grainy

TORONTO 3550' (-1571) E-LOG Lm- Tan Cream, Med XLN, granular, dense & well cemented, scattered pinpoint porosity

DOUGLAS 3570' (-1591) E-LOG Sh- Brown Maroon, grainy, soft

Sh- Gray Purple Maroon, soft slivers

Sh- Gray White, soft slivers & argillaceous clumps of white & gray wash

Sh- A/A w/ dense, well compacted chips w/ micro pyrite inclusions

Sh- A/A, few chips of dove gray grainy & gritty speckled dense shale

Sh- Gray, dull, well compacted & fissile

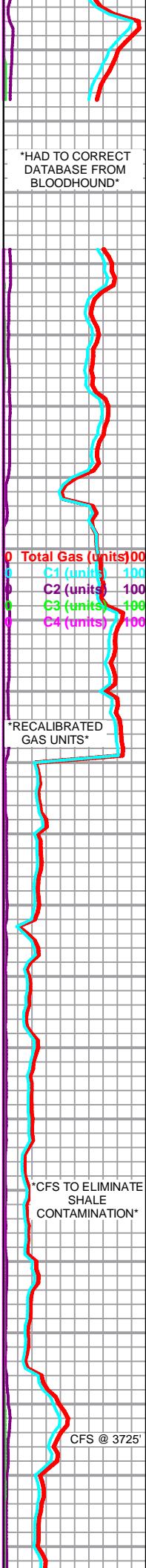
BROWN LIME 3663' (-1684) E-LOG Lm- Cream Dark Tan, VF XLN, oolitic in part, mostly dense & siliceous, minimal visible porosity

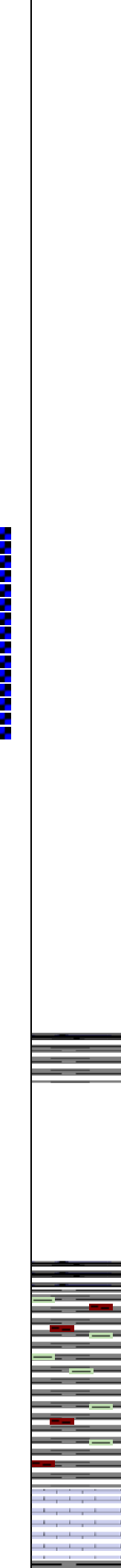
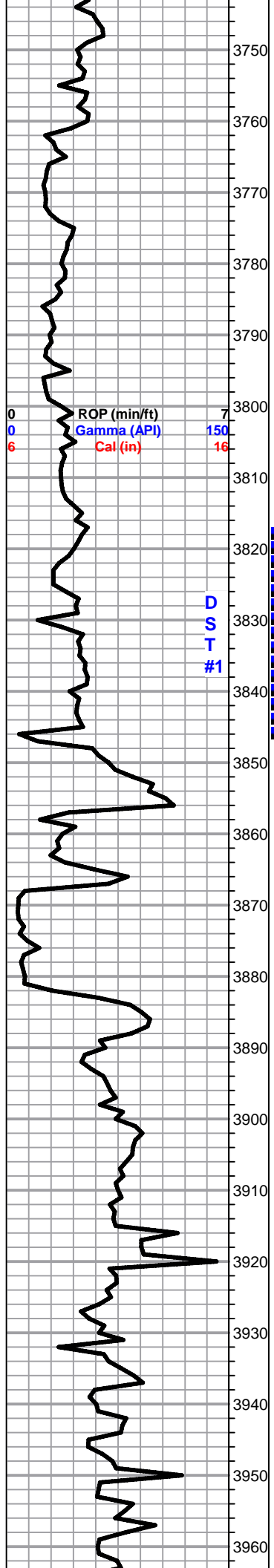
Sh- A/A

LKC 3692' (-1713) E-LOG Lm- Tan Cream, F-Med XLN, moderately dense, poorly developed, some interstitial XLN porosity, mostly tight, FSL

Lm- Cream Lt Gray, F-Med XLN, moderately developed, partially calcareous, granular w/ pinpoint porosity, slightly FLS w/ fusulinids, dolomitic, slow effervescence, mineral flor. NO ODR, NO STN

Lm- Lt Brown Tan, VF-F XLN, mostly dense w/ scattered XLN porosity, minimal visible porosity





Lm- Lt Brown Cream, Med-Coarse XLN, moderately dense w/ abundant recrystallization, XLN porosity, well cemented, barren

Lm- Cream, Coarse XLN, gritty & granular, dolomitic, loosely cemented, massive shape, well developed w/ good porosity, mineral flor. clean & barren, NO STN, NO ODR, NO WET CUT

Lm- Cream Off White, FXLN, mostly dense w/ scattered recrystallization, poor development, well cemented, XLN porosity

Lm- Cream, FXLN, A/A

Lm- Cream Tan, VF grained, scattered XLN, dense & well cemented, little to no porosity development, no visible porosity

Lm- Cream Off White, Med-Coarse XLN, granular & gritty, abundant recrystallization, mineral flor. FEW CHIPS W/ CLOUDY WET CUT & FLOR, FNT ODR, NO SFO, NO APPARENT STN, LT GSY SHEEN VISIBLE

Lm- Cream Off White, Med XLN, oolimoldic w/ vuggy porosity, SCATTERED LT GSY STN, FNT ODR, FEW FREE OIL GLOBULES UPON CRUSH, INSTANT STREAMING WET CUT & FLOR.

Lm- Tan Brown, F-Med XLN, oolitic, moderately dense w/ scattered pinpoint porosity, poorly developed, little to no visible porosity, siliceous

Lm- Cream Tan, Med-Coarse XLN, oolimoldic w/ small vugs, well cemented, pinpoint porosity, chips of granular coarse XLN dolomitic Ls, well consolidated w/ interstitial XLN porosity, dense & well cemented, good porosity, CLEAN & BARREN

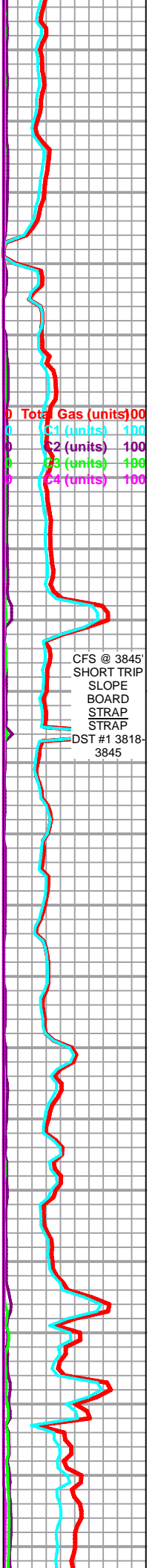
Sh- Gray Black Dark Green, mostly dense, blocky & well compacted, few mottled chips

Lm- Cream Tan, F-Med XLN, mostly dense & poorly developed, scattered XLN solution porosity, pinpoint porosity, few chips brown trashy, dense microXLN towards lower portion of zone

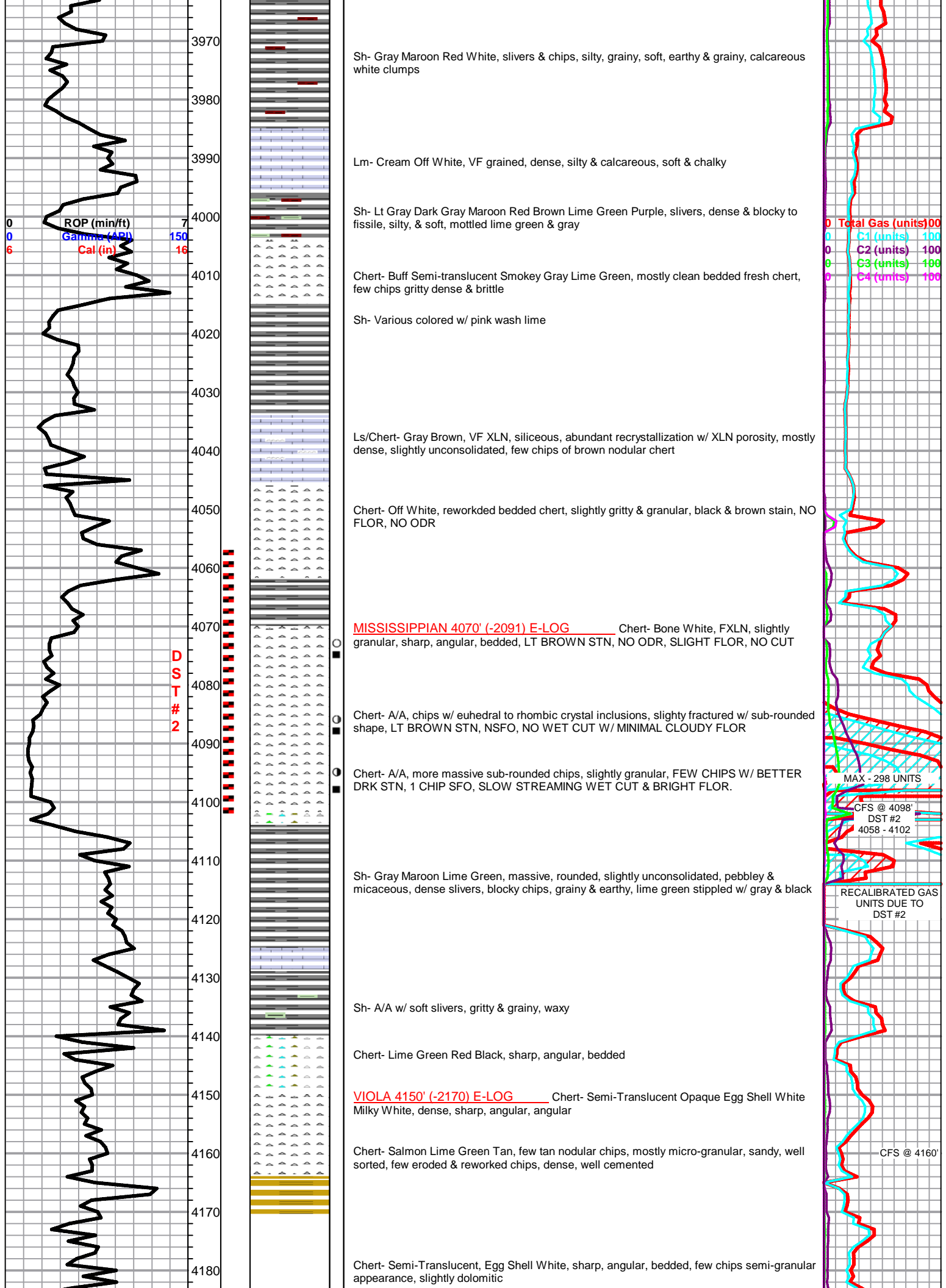
BKC 3920' (-1941) E-LOG Sh- Black Gray Lime Green Red, dense, blocky, grainy & earthy, waxy

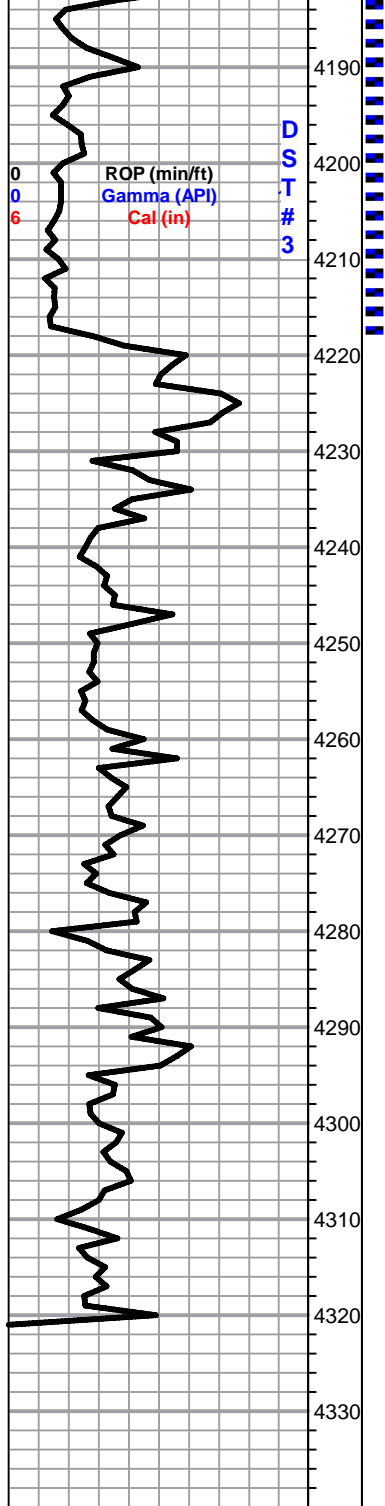
Sh- A/A, crumbly, silty

Lm- Dark Gray Brown, VF grained, trashy, calcaerous & silty, dense w/ minimal visible porosity, slightly unconsolidated



CFS @ 3845'
SHORT TRIP
SLOPE
BOARD
STRAP
STRAP
DST #1 3818-3845





Chert- White Semi-Translucent, A/A, sharp angular bedded

Chert- Bone White, porcelain appearance, pinpoint porosity w/ SCATTERED TO SATURATED LT BROWN STN, FNT ODR, SFO, FLOATING GLOBULES OF LT BROWN LIVELY OIL, BRIGHT INSTANT WET CUT, FLOR

Chert- A/A, consistant pinpoint porosity, SATURATED STN, SFO, FO UPON CRUSH, FR ODR, INSTANT BRIGHT WET CUT, FLOR

Lm- Cream Tan, VF grained, dense, calcareous & clean, minimal visible porosity

SIMPSON SHALE 4230' (-2551) E-LOG Sh- Green, dense, waxy, blocky, calcareous & sandy in part, few pyrite crystal inclusions, green tinted calcareous sand clusters, very loosely cemented & very friable

Sand- Clear, Sub-angular to angular, mostly consolidated, dark brown shale sediment pieces, slightly efferevescent, friable, mostly clean w/ scattered micro sediment, CLEAN & BARREN, NO ODR, NO WET CUT, NO FLOR.

Sh- Gray Mint Green Lime Green Red, dense, blocky, slightly unconsolidated & pebbly, lime green wash, waxy fissile mint green, gritty & earthy, blocky red shale

ARBUCKLE 4278' (-2299) E-LOG Dolomite- Tan, VF XLN, sucrosic, well cemented, consistant pinpoint porosity, minimal recrystallization, mostly primary matrix porosity, MINERAL FLOR, NO ODR, NO STN, NO WET CUT, CLEAN & BARREN

Dolomite- Tan Cream, Med-Coarse XLN, oolimoldic w/ scattered interconnected porosity, secondary XLN & recrystallization porosity, NO STN NO ODR, MINERAL FLOR., NO WET CUT, CLEAN & BARREN

Dolomite- Cream, VF-F XLN, scattered recrystallization, dense w/ consistant sub-pinpoit porosity, poorly developed

Dolomite- Tan, Med-Very Coarse XLN, mostly dense w/ sparsely scattered vuggy porosity, no consistant interconnection or recrystallization w/in, some coarse individual cyrstals visible, mostly dese MLXN

Dolomite- Tan, VF-F XLN, oolitic & oolimoldic, mostly dense & poorly developed, oolimoldic has no appearant interconnection or recryatallization, oolitic very dense & tight

RTD 4320" (-2341) LTD @ 06:49 12-2-2011

Total Gas (units) 100
C1 (units) 100
C2 (units) 100
C3 (units) 100
C4 (units) 100

CFS @ 4217'
DST #3
4183-4217

CFS @ 4277'

CFS @ 4283'

CTCH @ 4320'



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Caerus Kansas LLC

33-24s-143w Stafford Ks

P.O.Box 1378
Hays Ks.67601

Getty #33-34

Job Ticket: 44086

DST#: 4

ATTN: Jeff Lawler

Test Start: 2011.12.02 @ 22:42:02

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:33:47

Time Test Ended: 08:24:17

Test Type: Conventional Straddle (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4210.00 ft (KB) To 4282.00 ft (KB) (TVD)

Reference Elevations: 1979.00 ft (KB)

Total Depth: 4320.00 ft (KB) (TVD)

1970.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8370 Outside

Press @ Run Depth: 417.29 psig @ 4211.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.12.02

End Date:

2011.12.03

Last Calib.:

2011.12.03

Start Time: 22:42:07

End Time:

08:24:17

Time On Btm:

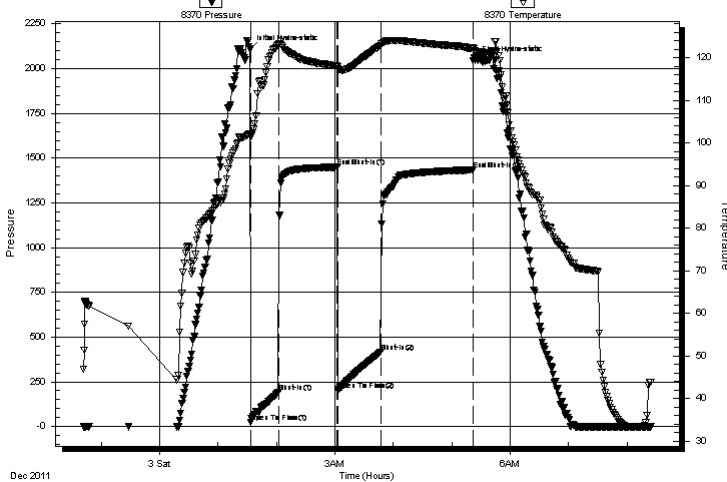
2011.12.03 @ 01:33:02

Time Off Btm:

2011.12.03 @ 05:24:17

TEST COMMENT: IF: Strong blow . B.O.B. in 11 mins.
IS: No blow .
FF: Strong blow . B.O.B. in 12 mins.
FS: No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2109.64	102.27	Initial Hydro-static
1	23.28	101.55	Open To Flow (1)
29	191.79	123.05	Shut-In(1)
90	1450.18	118.06	End Shut-In(1)
90	200.62	117.54	Open To Flow (2)
134	417.29	122.96	Shut-In(2)
229	1434.22	122.19	End Shut-In(2)
232	2048.19	121.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	WM 35%w 65% m	1.68
250.00	MW 28% m 72% w	3.51
510.00	MW 8% m 92% w / R/w .38ohms @ 45deg	7.15

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Caerus Kansas LLC

33-24s-143w Stafford Ks

P.O.Box 1378
Hays Ks.67601

Getty #33-34

Job Ticket: 44086

DST#: 4

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Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:33:47

Time Test Ended: 08:24:17

Test Type: Conventional Straddle (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4210.00 ft (KB) To 4282.00 ft (KB) (TVD)

Reference Elevations: 1979.00 ft (KB)

Total Depth: 4320.00 ft (KB) (TVD)

1970.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8167 Below (Straddle)

Press @ Run Depth: psig @ 4284.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.12.02

End Date: 2011.12.03

Last Calib.: 2011.12.03

Start Time: 22:49:03

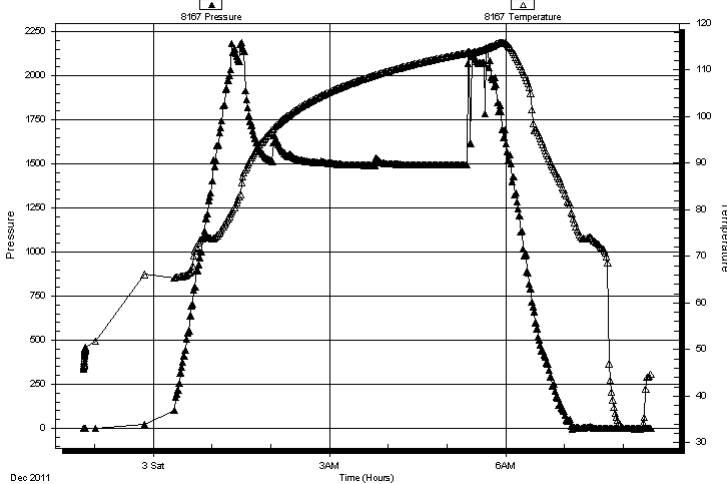
End Time: 08:28:17

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong blow . B.O.B. in 11 mins.
IS: No blow .
FF: Strong blow . B.O.B. in 12 mins.
FS: No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
120.00	WM 35%w 65% m	1.68
250.00	MW 28% m 72% w	3.51
510.00	MW 8% m 92% w /Rw .38ohms @45deg	7.15

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Caerus Kansas LLC

33-24s-143w Stafford Ks

P.O.Box 1378
Hays Ks.67601

Getty #33-34

Job Ticket: 44086

DST#: 4

ATTN: Jeff Lawler

Test Start: 2011.12.02 @ 22:42:02

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:

29000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	WM 35%w 65%m	1.683
250.00	MW 28%m 72%w	3.507
510.00	MW 8%m 92%w /Rw .38ohms @45deg	7.154

Total Length: 880.00 ft

Total Volume: 12.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

