OPERATOR

Company:	American Warrior, Inc.		
Address:	3118 Cummings Road P.O. Box 399 Garden City, KS 67846		
Contact Geologist:	Kevin Wiles		
Contact Phone Nbr:	620-275-2963		
Well Name:	Blaesi #4-6		
Location:	Sec. 6 - T15S - R41W		
API:	15-199-20410-0000		
Pool:		Field:	Okeson NW Ext.
State:	Kansas	Country:	USA

Scale 1:240 Imperial

Well Name:	Blaesi #4-6		
Surface Location:	Sec. 6 - T15S - R41W		
Bottom Location:			
API:	15-199-20410-0000		
License Number:	4058		
Spud Date:	7/14/2014	Time:	4:45 PM
Region:	Wallace County		
Drilling Completed:	7/22/2014	Time:	10:00 PM
Surface Coordinates:	335' FSL & 1112' FEL		
Bottom Hole Coordinates:			
Ground Elevation:	3771.00ft		
K.B. Elevation:	3780.00ft		
Logged Interval:	4000.00ft	To:	5200.00ft
Total Depth:	5200.00ft		
Formation:	Mississippian		
Drilling Fluid Type:	Chemical/Fresh Water Gel		

SURFACE CO-ORDINATES

Well Type:	Vertical
Longitude:	
Latitude:	
N/S Co-ord:	335' FSL
E/W Co-ord:	1112' FEL

LOGGED BY

Keith Reavis
Consulting Geologist

Company:	Keith Reavis, Inc.		
Address:	3420 22nd Street Great Bend, KS 67530		
Phone Nbr:	620-617-4091		
Logged By:	Logan Walker	Name:	

CONTRACTOR

Contractor:	Duke Drilling Company, Inc		
Rig #:	4		
Rig Type:	mud rotary		
Spud Date:	7/14/2014	Time:	4:45 PM
TD Date:	7/22/2014	Time:	10:00 PM
Rig Release:		Time:	

ELEVATIONS

K.B. Elevation:	3780.00ft	Ground Elevation:	3771.00ft
K.B. to Ground:	9.00ft		

NOTES

Due to favorable results of DST #1, it was determined that 5 1/2" production casing be set and cemented and the Blaesi #4-6 be further tested through perforations and stimulation in the Morrow Sand.

An MBC gas detection unit was employed on this well, however, after getting stuck during the short trip at 4704', oil was used to get loose and this rendered the unit fairly useless for the remainder of the well do to mud contamination.

All log tops on this well were consistently 4-7 ft. low to measured log top. The gamma ray and caliper curves were imported into this mudlog from the electrical log suite. No curves were not shifted to provide an exact match, but rather left as recorded in the field.

The samples were saved and will be available for review at the Kansas Geological Survey Well Sample Library located in Wichita, KS.

Respectfully submitted
Logan Walker and Keith Reavis

American Warrior, Inc.

daily drilling report

DATE	7:00 AM DEPTH	REMARKS
07/19/2014	4269	Geologist Logan Walker on location @ 0717 hrs, 4273 ft, drilling ahead
07/20/2014	4663	drilling ahead, LKC and Marmaton, short trip @4704, stuck in hole, pump down oil, got loose, back on bottom, resume drilling
07/21/2014	4837	drilling ahead Cherokee and Morrow, show in Morrow Sand warrants test, TOH for DST #1, conducting DST #1
07/22/2014	4985	complete DST #1, successful test, TIH w/bit, resume drilling, TD @ 5200' 2200 hrs, ctch, TOH for logs
07/23/2014	5200	complete logging operations, TIH to lay down, geologist off loc 1000 hrs

American Warrior, Inc.

well comparison sheet

	DRILLING WELL Blaesi #4-6 335' FSL & 1112' FSL Sec 6-T15S-R41W				COMPARISON WELL Blaesi #2-6 1260' FSL & 450'FEL Sec 6-T15S-R41W				COMPARISON WELL Blaesi #1-6 2490' FSL & 1370' FEL Sec 6-T15S-R41W			
	3780 KB				3772 KB		Structural Relationship		3782 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Lansing	4207	-427	4210	-430					4214	-432	5	2
Marmaton	4558	-778	4562	-782	4553	-781	3	-1	4564	-782	4	0
Pawnee	4648	-868	4654	-874	4635	-863	-5	-11	4651	-869	1	-5
Cherokee	4716	-936	4720	-940	4701	-929	-7	-11	4710	-928	-8	-12
Morrow Shale	4945	-1165	4949	-1169	4938	-1166	1	-3	4950	-1168	3	-1
Morrow Sand	4958	-1178	4966	-1186	4948	-1176	-2	-10	4986	-1204	26	18
Morrow Lime	5055	-1275	5059	-1279	5042	-1270	-5	-9	5042	-1260	-15	-19
Mississippian	5117	-1337	5110	-1330	not	reached			5096	-1314	-23	-16
Total Depth	5200	-1420	5194	-1414	5120	-1348	-72	-66	5150	-1368	-52	-46

DST #1

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

PO Box 399
Garden City KS 67846

ATTN: Logan Walker

6-15s-41w Wallace,KS

Blaes #4-6

Job Ticket: 59104 **DST#: 1**

Test Start: 2014.07.21 @ 22:25:15

GENERAL INFORMATION:

Formation: **Morrow Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:52:15
Time Test Ended: 07:32:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Mike Roberts
Unit No: 65

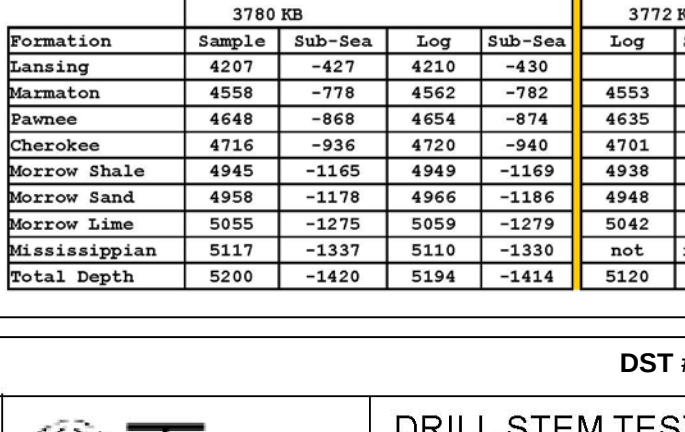
Interval: 4908.00 ft (KB) To 4985.00 ft (KB) (TVD)
Total Depth: 4985.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3780.00 ft (KB)
3771.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8846 **Inside**
Press@RunDepth: 485.54 psig @ 4910.00 ft (KB)
Start Date: 2014.07.21 End Date: 2014.07.22
Start Time: 22:25:15 End Time: 07:32:00

Capacity: 8000.00 psig
Last Calib.: 2014.07.22
Time On Btm: 2014.07.22 @ 00:51:45
Time Off Btm: 2014.07.22 @ 03:49:00

TEST COMMENT: IF:BOB in 1 min. GTS in 9 min.
IS:Bled off for 10 min. BOB in 3 min.
FF:BOB instantly GTS TSTM
FS:Bled off for 10 min. BOB in 4 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2464.04	134.50	Initial Hydro-static
1	320.48	135.56	Open To Flow (1)
12	300.68	144.85	Shut-In(1)
55	630.28	144.25	End Shut-In(1)
55	341.35	144.10	Open To Flow (2)
85	485.54	147.17	Shut-In(2)
177	629.82	145.14	End Shut-In(2)
178	2349.84	145.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP= 3688	0.00
340.00	gcm 4%g 96%m	4.77
186.00	w cgmo 10%w 15%g 25%m 50%o	2.61
62.00	w cog 30% w 30% o 40%g	0.87
310.00	mogw 10%m 10%o 20%g 60%w	4.35
248.00	mcow g 3%m 17%o 25%w 55%g	3.48

Gas Rates

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

ROCK TYPES

sdy lmst | Lmst fw7> | shale, gry | shale, red
Lmst fw<7 | shale, grn | Carbon Sh | Ss

ACCESSORIES

MINERAL
Glauconite

FOSSIL
Bioclastic or Fragmenta

STRINGER
Chert

TEXTURE
Chalky

P Pyrite
Crinoids
F Fossils < 20%
Oolite
Sandstone
CX Cryptocrystalline

OTHER SYMBOLS

Oil Show
- Good Show
- Fair Show
- Poor Show
- Spotted or Trace
- Questionable Stn
- D Dead Oil Stn
- Fluorescence
- Gas

DST
- DST Int
- DST alt
- Core
- tail pipe

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)

Curve Track #1
ROP (min/ft)
Gamma (API)
Cal (in)
1:240 Imperial
0 ROP (min/ft) 10
0 Gamma (API) 150
6 Cal (in) 16

Depth | Intervals
Cored Interval
DST Interval
DST
Lithology
Oil Show
Geological Descriptions

TG, C1 - C5
Total Gas (units)
C1 (units)
C2 (units)
C3 (units)
C4 (units)
1:240 Imperial
0 Total Gas (units) 100
0 C1 (units) 100
0 C2 (units) 100
0 C3 (units) 100
0 C4 (units) 100

4020 4040 4060 4080 4100 4120 4140 4160 4180 4200 4220 4240 4260 4280 4300 4320 4340 4360 4380 4400 4420 4440 4460 4480 4500

20' samples
10' samples

Limestone, white to cream, microcrystalline, sub bioclastic, oolitic fossiliferous, chalky, soft to dense, pin hole wormy vugs, spotty dead black staining, fleeting odor no shows

Shale to sandstone, gray wash to red to black carbonaceous to pale green, silty, fine grain, well cemented, well sorted,

Lansing 4207 -427

Limestone, cream, microcrystalline oto cryptocrystalline, oolitic, fossilifeous, chackly, white chert , surface etching, pyritic, pin hole wormy vugs, sharp, no shows

Limestone, cream to tan, microcrystalline, fossiliferous, cubic pyritic, pin hole vugs, surface etching, soft to dense, white to opaque chert, no shows

Limestone, cream to light gray, cryptocrystalline, fossiliferous, dense, no shows

Shale, gray wash to black crabonaceous, sandstone, fine grain, well sorted, well cemented

Limestone, cream to light gray, microcrystalline, sub bioclastic, sub oolitic, fossiliferous, chalky, surface etching, spotty dead black stain, pyritic, sharp, soft to dense, no shows

Limestone, cream, microcrystalline, sub bioclastic, sub chalky, weathered, soft to dense, no shows

Limstone, cream, microcrystalline, sub bioclastic, fossiliferous, chalky, surface etching, soft to dense, no shows

Limestone to sandy lime stone, cream to light gray, microcrystalline to cryptocrystalline, fossiliferous, weathered, soft to dense, chalky, pyritic, no shows

Shale, gray wash to black carbonaceous

Limestone, cream to light gray microcrystalline, fossiliferous, glauconite, chalky, weathered, soft, no shows

Limestone, cream, microcrystalline, fossiliferous, weathered, soft to dense, sub chalky, opaque chert, no shows

Shale, gray wash, to pale green to black carbonaceous, gray gummy

Shale, gray wash to pale green, black carbonaceous, gray gummy

Limstone, cream, cryptocrystalline, fossiliferous, pyritic, chalky, soft to dense, opaque/gray chert, no shows

Limestone, cream, microcrystalline, sub bioclatic, fossiliferous, white dolomite, white to gray chert, dense, sub chalky, no shows

Limestone, cream to gray, microcrystalline, fossilierous, dense, slightly sadny, glauconite, no shows

Limestone to sandy limestone, whie to cream, microcrystalline, sub bioclastic, fossiliferous, surface ething, soft, sharp, no shows

Limestone, cream, microcrystalline, bioclastic, fossiliferous, weathered, , soft, sharp, white to opaque chert.

Shale, gray wash to pale green to black carbonaceous, sandstone, fine grain, well cemented, well sorted

Limestone, cream to gray, cryptocrystalline, fossiliferous, pyritic, sharp, soft, gray chert, , no shows

LImestone, white to cream, microcrystalline, bioclastic, fossiliferous, pin hole wormy vugs, oolitic, sub chalky, no shows

Sanstone, fine grain, well cemented, well sorted,

Limestone, cream to tan, cryptocrstalline to microcrystalline, fossilierous, pyritic, recrystallized fossils, gray chert, sub chalky, no shows

Limestone, light gray, microcrystalline, fossiliferous, dense, sub chalky, gray chert, no shows,

Limestone, white to cream, microcrystalline, bioclastic, fossiliferous, chalky, oolitic, glauconite, pyritic, no shows,

Limestone, cream to light gray to gray, microcrystalline to

Mud-Co chk
@ 4253 ft.
0600 hrs. 7/19/14
Vis. 50 Wt. 8.9
PV 16 YP 18
WL 7.2
Cake 1/32,
pH 10.0
CHL 2800 ppm
Ca 40 ppm
Sol 4.5 LCM 3#
DMC $94.75
CMC $12053.00

cryptocrystalline, fossiliferous, sub chalky, pyritic,

Limstone, cream to light gray, microcystalling, bioclastic, fossiliferous, recrystallized fossils, dense, gray/opaque chert, no shows

Limestone to sandy limestone, cream to light gray, microcrystalline, oolitic, fossiliferous, sub chalky, recrystallized fossils, fine grain, well sorted, well cemented, no shows

Limestone, cream, cryptocrystalline, fossiliferous, oolitic, brown chert, recrystallized fossils, no shows,

Shale, gray wash to black carbonaceous

Marmaton 4558 -778

LImestone, cream to light gray, microcrystallin to cryptocrystalline, fossiliferous, oolitic, sub chalky, dense, no shows

LImestone, cream to tan, cryptocrystallie, sub bioclastic, oolitic, fosilierous, soft to dense, sub chalky, no shows

Limestone, cream to light gray, microcrystalline, fossiliferous, white/opaque chert, oolitic, sub chalky, no shows

Limestone, cream, cryptocrystalline to microcrystalline, fossiliferous, pyritic, dense, opaque chert, no shows

Limestone, cream, cryptocrystalline, fossiliferous, chalky, sub oolitic, opaque chert, no shows

limestone, cream, microcrystalline, fossiliferous, quarts, soft to dense, no shows

Pawnee 4648 -868

Limestone, cream to light gray, cryptocrystalline, fossiliferous, quarts, dense, recrystallized fossils, no shows

LImestone, cream microcrystalline, bioclastic, fossiliferous, chalky, opaque chert, dense, no shows

Limestone, cream to light gray, microcrystalline, bioclastic fossiliferous, pyritic, white to brown chert, soft to dense, no shows

Shale, black to gray wash

Shale, red wash to gray to pale green to black, silty,

LImestone, cream to light gray, microcrystalline to cryptocrystalline, bioclastic, fossiliferous, pyritic, soft to dense, white/opaque chert weathered, no shows,

Cherokee 4716 -936

Limestone, cream to light gray, cryptocrystalline, fossiliferous, oolitic, chalky, quarts, surface etching, no shows

LImestone, cream to light gray to gray, cryptocrystalline, sub bioclastic, fossilierous, oolitic, pyritic, surface etching, sub chalky, no shows

LImestone to sandy limestone, cream to gray, microcrstalline, fossiliferous, pyritic, sub chalky, surface etching, dense, no shows

LImestone, cream, light gray to gray, microcrystalline, fossiliferous, pyritic, surface etching, sub chalky, no shows

LImestone, light gray, cryptocrystalline, sub bioclastic, fossiliferous, sub chalky, pyritic, no shows

Limstone, tan to light gray, cryptocrystalline to microcrystalline, fossiliferous, chalky, brown chert, dense, no shows

Limestone, white to cream, microcrystalline, bioclastic, fossiliferous, sub chalky, weahered, soft to dense, no shows

Shale, gray wash to red to pale green to black

Limestone, cream to light gray, mircocrystalline, sub bioclastic, fossiliferous, pyritic, oolitic, soft to dense, no shows,

Shlae gray wash to red to black

Limestone, cream to tan, microcrystalline to cryptocrystalline, fossiliferous, chalky, white to brown chert, pyritic, dense, no shows

Limestone, cream to tan to light gray, microcrystalline, sub bioclastic, fossiliferous, white/brown chert, pyritic, chalky, soft to dense, weathered, no shows

Liimestone, cream to tan, microcrystalline, sub bioclastic, fossilliferous, chalky, pyritic, weathered, soft to dense, no shows

Limestone, cream to tan, cryptocrystalline, fossiliferous, pyritic, chalky, weathered, soft to dense, no shows

Limestone, whte to light gray, microcrystalline, sub bioclastic, fossiliferous, chalky, weathered, soft, no shows,

Shale, gray wash to red to pale green to black, Limestone stringers

Morrow Shale 4945 -1165

Shale, gray wash, silty , pyritic

Morrow Sand 4958 -1178

Sandstone, clear to frosted, quarts, fine to medium grain, fair to poor sorting, sub-round to angular, fair to poor cemented, fair porosity, abundant free pyrite, spotty free oil on break, faint fleeting odor

same as above, very gassy, better show of free oil on break, good fluoresence, good cut, fleeting odor

Shale, black wash to gray to red to pale green, sandtone same as above

Morrow Lime 5055 -1275

Limstone, cream to tan, cryptocrystalline, fossiliferous, chalky, pyritic, dense no shows

Limestone, cream to tan, microcrystalline, fossiliferous, chalky, glauconite, soft to dense, surface etching, weathered, no shows

LImestone, white to cream, microcrystalline, fossiliferous, pyritic, chalky, soft, weathered, no shows

Limestone, white to cream to tan, microcrystalline, fossiliferous, pyritic, glauconite, chalky, weathered soft, no shows

Mississippian (Log Top) 5110 -1330

Mississippian (Sample Top) 5117 -1337

Mud-Co chk
@ 4253 ft.
0415 hrs. 7/20/14
Vis. 64 Wt. 8.9
PV 18 YP 22
WL 8.8
Cake 1/32,
pH 10.0
CHL 3600 ppm
Ca 40 ppm
Sol 4.1 LCM 4#
DMC $1286.75
CMC $13339.75

30 stand short trip @ 4704', Stuck 11 stands out, got loose with oil in hole

Mud-Co chk
@ 4796 ft.
0430 hrs. 7/21/14
Vis. 50 Wt. 8.8
PV 16 YP 15
WL 10.4
Cake 2/32,
pH 9.0
CHL 9000 ppm
Ca 40 ppm
Sol 3.0 LCM 3#
DMC $296.25
CMC $13609.00

Mud-Co chk
@ 4985 ft.
0530 hrs. 7/22/14
Vis. 48 Wt. 9.1
PV 15 YP 16
WL 8.8
Cake 1/32,
pH 10.0
CHL 7000 ppm
Ca 40 ppm
Sol 5.1 LCM 3#
DMC $2624.75
CMC $16233.75

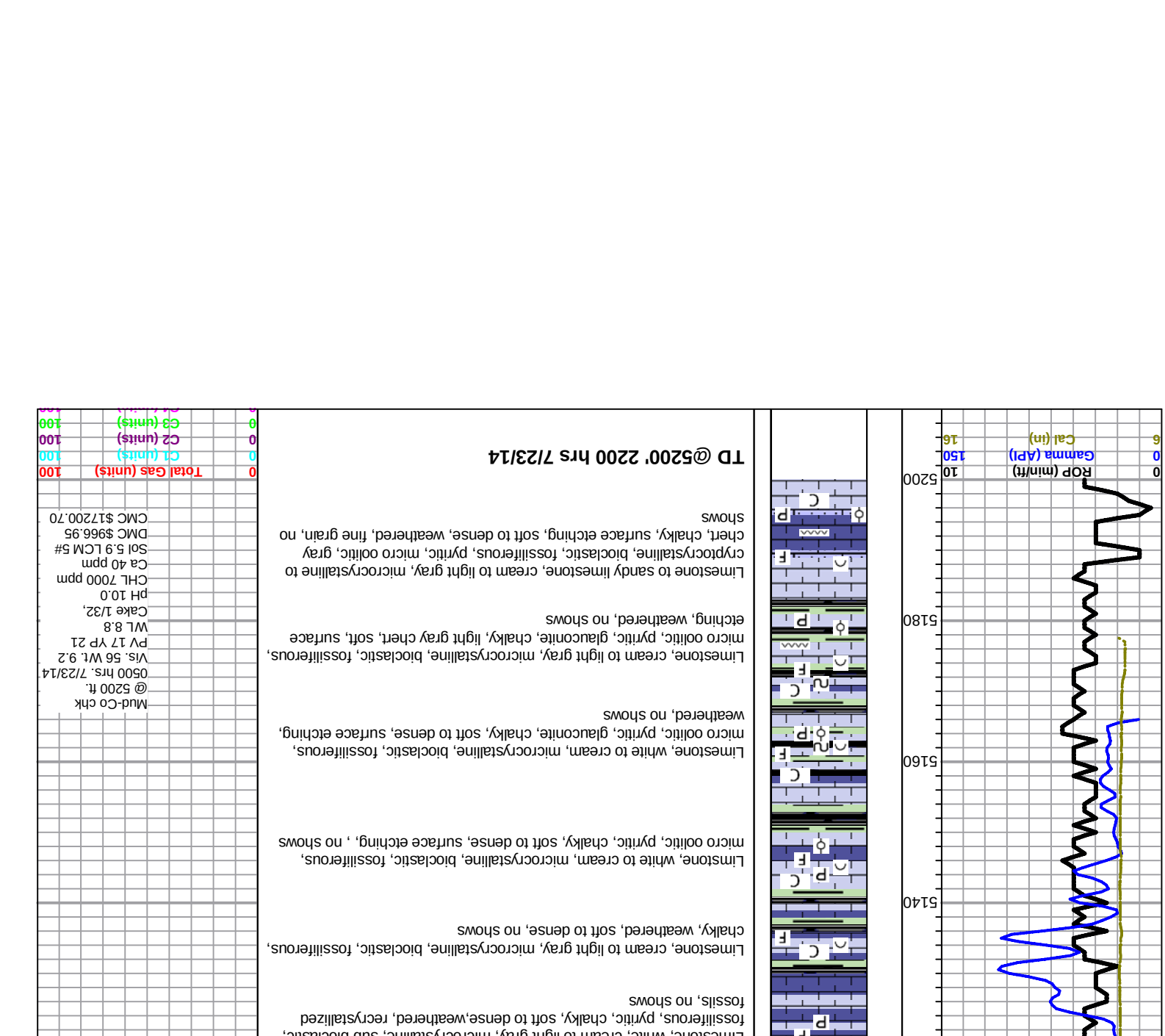
0 ROP (min/ft) 10
0 Gamma (API) 150
6 Cal (in) 16
0 Total Gas (units) 100
0 C1 (units) 100
0 C2 (units) 100
0 C3 (units) 100
0 C4 (units) 100

cfs @4704'
0930 hrs 7/20/14

DST #1

cfs @4972' 1515 hrs 7/21/14

cfs @4985' 1700 hrs 7/21/14



Limestone, white, cream to light gray, microcrystalline, sub bioclastic, fossiliferous, pyritic, chalky, soft to dense,weathered, recrystallized fossils, no shows

Limestone, cream to light gray, microcrystalline, bioclastic, fossiliferous, chalky, weathered, soft to dense, no shows

Limstone, white to cream, microcrystalline, bioclastic, fossiliferous, micro oolitic, pyritic, chalky, soft to dense, surface etching, , no shows

Limestone, white to cream, microcrystalline, bioclastic, fossiliferous, micro oolitic, pyritic, glauconite, chalky, soft to dense, surface etching, weathered, no shows

Limestone, cream to light gray, microcrystalline, bioclastic, fossiliferous, micro oolitic, pyritic, glauconite, chalky, light gray chert, soft, surface etching, weathered, no shows

Limestone to sandy limestone, cream to light gray, microcrystalline to cryptocrystalline, bioclastic, fossiliferous, pyritic, micro oolitic, gray chert, chalky, surface etching, soft to dense, weathered, fine grain, no shows

TD @5200' 2200 hrs 7/23/14

Mud-Co chk
@ 5200 ft.
0500 hrs. 7/23/14
Vis. 56 Wt. 9.2
PV 17 YP 21
WL 8.8
Cake 1/32,
pH 10.0
CHL 7000 ppm
Ca 40 ppm
Sol 5.9 LCM 5#
DMC $966.95
CMC $17200.70

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