

OPERATOR

Company: Falcon Exploration, Inc.
 Address: 125 N. Market
 Suite 1252
 Wichita, KS 67202
 Contact Geologist: Brian Fisher
 Contact Phone Nbr: 316-262-1378
 Well Name: Garetson Bros. #1-36
 Location: Sec. 36 - T27S - R31W
 Pool: Sec. 36 - T27S - R31W
 State: Kansas
 API: 15-081-21966-0000
 Field: Wildcat
 Country: USA

Scale 1:240 Imperial

Well Name: Garetson Bros. #1-36
 Surface Location: Sec. 36 - T27S - R31W
 Bottom Location:
 API: 15-081-21966-0000
 License Number: 5316
 Spud Date: 10/10/2011 Time: 00:00
 Region: Haskell County
 Drilling Completed: 10/22/2011 Time: 07:12
 Surface Coordinates: 1680' FNL & 2310' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 2845.00ft
 K.B. Elevation: 2858.00ft
 Logged Interval: 2600.00ft To: 5550.00ft
 Total Depth: 5550.00ft
 Formation: Mississippian
 Drilling Fluid Type: Chemical/Fresh Water Gel

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: Latitude:
 N/S Co-ord: 1680' FNL
 E/W Co-ord: 2310' 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: KLG #136 Name: Keith Reavis

CONTRACTOR

Contractor: Sterling Drilling Company
 Rig #: 5
 Rig Type: mud rotary
 Spud Date: 10/10/2011 Time: 00:00
 TD Date: 10/22/2011 Time: 07:12
 Rig Release: Time:

ELEVATIONS

K.B. Elevation: 2858.00ft Ground Elevation: 2845.00ft
 K.B. to Ground: 13.00ft

NOTES

A Sterling Drilling Company Tooke Daq gas detector was operational from surface casing to TD. The curves from the gas detector were imported into this log.

After review of drill stem test data and analysis of electrical logs, it was determined that the Garetson Bros. #1-36 should be plugged and abandoned as a dry test.

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

Respectfully submitted,
 Keith Reavis

Falcon Exploration, Inc
daily drilling report

DATE	7:00 AM DEPTH	REMARKS
10/14/2011	2802	Geologist Keith Reavis on location @ 0120 hrs, 2621 ft., drilling ahead permian and Chase, Ft. Riley, Neva, displaced at 3200'
10/15/2011	3529	drilling Neva, Foraker, Stotler, Tarkio, Topeka
10/16/2011	4114	drilling Lecompton, Heebner, Douglas, Lansing
10/17/2011	4549	drilling ahead, LKC, Marmaton
10/18/2011	4871	drilling ahead, Marmaton, Pawnee, Cherokee, shut down for mud pump repairs, short trip to surface - appx 8 hrs
10/19/2011	5042	drilling ahead, Cherokee, Morrow shale, Inola lime show warrants DST, conduct and complete DST #1, successful test, TOH w/tools
10/20/2011	5116	TIH/w bit, resume drilling, Morrow, Chester, St. Gen., St. Louis show in St. Lo warrants DST
10/21/2011	5310	TIH w/tools, conducting DST #2, complete DST #2, successful test, trip back in hole, resume drilling
10/22/2011	5550	drilling ahead, St. Lo, Salem, rathole, TD, TOH for logs, conduct logging operations, geologist off location @ 1900 hrs

Falcon Exploration, Inc.
well comparison sheet

DRILLING WELL					COMPARISON WELL				COMPARISON WELL			
Garetson Bros. #1-36 1680' FNL & 2310' FEL Sec 36-T27S-R31W					McCoy Pet. - Koehn B #1-25 1980' FSL & 660' FWL Sec 25-T27S-R31W				Falcon - Smith #1-5 1460' FNL & 330' FWL Sec 5-T28S-R30W			
2858 KB					2822 KB		Structural Relationship		2832 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Chase	2684	174	2684	174	2664	158	16	16	2673	159	15	15
Winfield	2768	90	2767	91	2740	82	8	9	2750	82	8	9
Towanda	2818	40	2808	50	2787	35	5	15	2799	33	7	17
Ft. Riley	2864	-6	2859	-1	2838	-16	10	15	2849	-17	11	16
Neva	3196	-338	3186	-328	3158	-336	-2	8	3179	-347	9	19
Foraker	3306	-448	3303	-445	3268	-446	-2	1	3293	-461	13	16
Stotler	3544	-686	3542	-684	3508	-686	0	2	3530	-698	12	14
Tarkio	3618	-760	3614	-756	3580	-758	-2	2	3602	-770	10	14
Topeka	3810	-952	3808	-950	3773	-951	-1	1	3802	-970	18	20
Heebner	4134	-1276	4131	-1273	4093	-1271	-5	-2	4140	-1308	32	35
Lansing	4232	-1374	4232	-1374	4190	-1368	-6	-6	4237	-1405	31	31
Stark Sh.	4585	-1727	4583	-1725	4546	-1724	-3	-1	4590	-1758	31	33
Marmaton	4729	-1871	4728	-1870	4689	-1867	-4	-3	4739	-1907	36	37
Pawnee	4818	-1960	4821	-1963	4772	-1950	-10	-13	4822	-1990	30	27
Cherokee	4865	-2007	4863	-2005	4813	-1991	-16	-14	4870	-2038	31	33
Morrow	5070	-2212	5068	-2210	5016	-2194	-18	-16	5070	-2238	26	28
Mississippi	5126	-2268	5124	-2266	5144	-2322	54	56	5154	-2322	54	56
St. Lo Por	5290	-2432	5289	-2431	5276	-2454	22	23	5310	-2478	46	47
Total Depth	5550	-2692	5552	-2694	5396	-2574	-118	-120	5552	-2720	28	26

Drill Stem Test #1

RICKETTS TESTING

(620) 326-5830

Page 1

Company: Falcon Exploration, Inc.
 Address: 125 North Market, Suite 1252
 CSZ: Wichita, KS 67202
 Attn: Keith Reavis
 Lease Name: Garetson Brothers NE
 Lease #: 1-36
 Legal Desc: S/2 NW SW NE Job Ticket: 3449
 Section: 36 Range: 31W
 Township: 27S
 County: Haskell State: KS
 Drilling Cont: Sterling Drilling #5

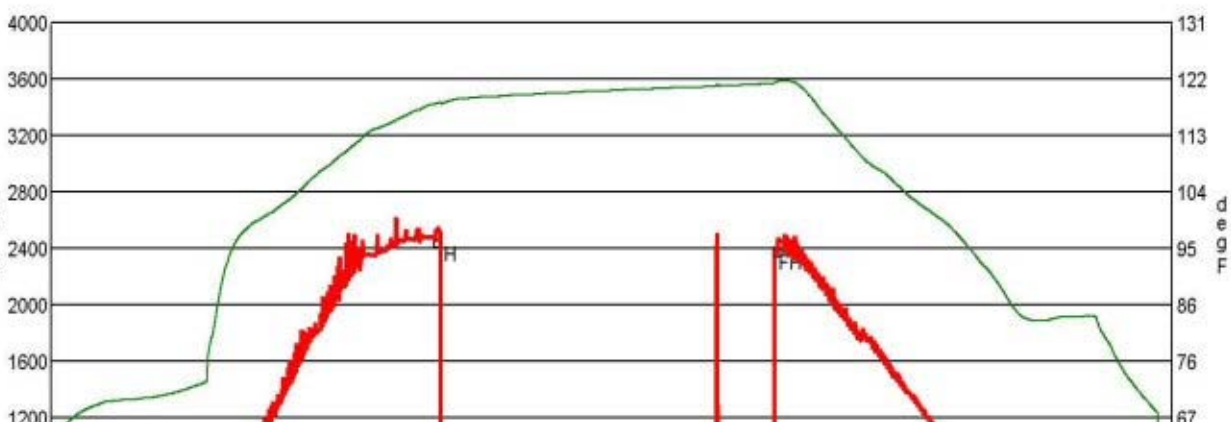
Comments: Field: Wildcat

GENERAL INFORMATION

Test #1: Jimmy Ricketts Test Date: 10/19/2011
 Tester: Conventional Bottom Hole
 Test Type: Successful Test
 # of Packers: 2.0 Packer Size: 6 3/4
 Mud Type: Gel Chem Viscosity: 54.0
 Mud Weight: 9.2 Chlorides: 1700
 Filtrate: 8.4
 Drill Collar Len: 334.0
 Wght Pipe Len: 0
 Formation: Inola & Morrow
 Interval Top: 5024.0 Bottom: 5077.0
 Anchor Len Below: 53.0
 Total Depth: 5077.0
 Blow Type: Surface blow throughout initial flow period. No blow throughout final flow period. Flushed tool 25 minutes into final flow period, no help.
 Times: 5, 90, 45, 5.
 Chokes: 3/4 Hole Size: 7 7/8
 Top Recorder #: 13767
 Mid Recorder #:
 Bott Recorder #: w1022
 Mileage: 232 Approved By:
 Standby Time: 0
 Extra Equipmnt: Jars & Safety Joint
 Time on Site: 2:15 PM
 Tool Picked Up: 3:00 PM
 Tool Layed Dwn: 10:30 PM
 Elevation: 2845.00 Kelley Bushings: 2853.00
 Start Date/Time: 10/19/2011 2:53 PM
 End Date/Time: 10/19/2011 10:58 PM

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
30	Drilling mud	0% Off	0% Off	0% Off	100% 30ft
DST Fluids: 0					





	Date	Time	Pressure	Temp	
IH	10/19/2011 5:38:00 PM	2.75	2444.578	117.958	Initial Hydro-static
IF1	10/19/2011 5:40:30 PM	2.791667	67.317	117.908	Initial Flow (1)
IF2	10/19/2011 5:45:30 PM	2.875	68.123	118.558	Initial Flow (2)
IS	10/19/2011 7:15:00 PM	4.366667	164.375	120.423	Initial Shut-In
FF1	10/19/2011 7:16:30 PM	4.391667	72.333	120.421	Final Flow (1)
FF2	10/19/2011 7:59:45 PM	5.1125	65.2	121.097	Final Flow (2)
FS	10/19/2011 8:05:15 PM	5.204167	63.295	121.159	Final Shut-In
FH	10/19/2011 8:05:45 PM	5.2125	2382.045	121.491	Final Hydro-static

Drill Stem Test #2

RICKETTS TESTING

(620) 326-5830

Page 1

Company Address
Falcon Exploration, Inc.
125 North Market, Suite 1252
Wichita, KS 67202
 Attn: **Keith Reavis**

Lease Name **Garetson Brothers NE**
 Lease # **1-36**
 Legal Desc **S/2 NW SW NE**
 Section **36**
 Township **27S**
 County **Haskell**
 Drilling Cont **Sterling Drilling #5**
 Job Ticket **3449**
 Range **31W**
 State **KS**

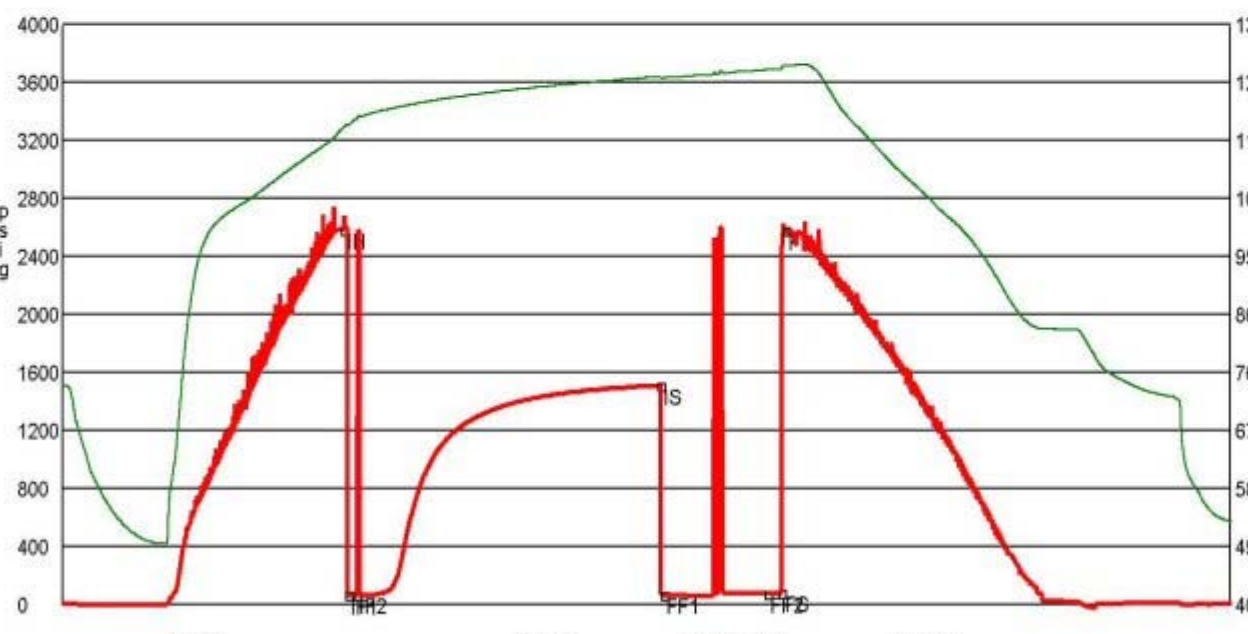
Comments **Field: Wildcat**

GENERAL INFORMATION

Test # **2** Test Date **10/21/2011** Chokes **3/4** Hole Size **7 7/8**
 Tester **Jimmy Ricketts** Top Recorder # **13767**
 Test Type **Conventional Bottom Hole Successful Test** Mid Recorder #
 Bott Recorder # **w1022**
 # of Packers **2.0** Packer Size **6 3/4** Mileage **0** Approved By
 Standby Time **0**
 Mud Type **Gel Chem** Extra Equipmnt **Jars & Safety Joint**
 Mud Weight **9.0** Viscosity **55.0** Time on Site **1:00 AM**
 Filtrate **8.4** Chlorides **2050** Tool Picked Up **2:40 AM**
 Tool Layed Dwn **9:00 AM**
 Drill Collar Len **334.0** Elevation **2845.00** Kelley Bushings **2853.00**
 Wght Pipe Len **0**
 Formation **Saint Louis** Start Date/Time **10/21/2011 2:22 AM**
 Interval Top **5280.0** Bottom **5310.0** End Date/Time **10/21/2011 10:25 AM**
 Anchor Len Below **30.0** Between **0**
 Total Depth **5310.0**
 Blow Type **Weak blow building to 1/4 inch initial flow period. Inadvertantly flushed tool at start of initial shut-in period. No blow final flow period. Flushed tool twice at 23 minutes, no help. Times: 4, 126, 45, 5.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
45	Drilling mud	0% Oft	0% Oft	0% Oft	100% 45ft



	Date	Time	Pressure	Temp	
IH	10/21/2011 4:16:45 AM	1.9125	2583.125	114.848	Initial Hydro-static
IF1	10/21/2011 4:18:30 AM	1.941667	67.777	115.1	Initial Flow (1)
IF2	10/21/2011 4:22:00 AM	2	70.673	116.118	Initial Flow (2)
IS	10/21/2011 6:28:30 AM	4.108333	1510.847	122.779	Initial Shut-In
FF1	10/21/2011 6:29:30 AM	4.125	70.03	122.581	Final Flow (1)
FF2	10/21/2011 7:12:45 AM	4.845833	76.363	123.85	Final Flow (2)
FS	10/21/2011 7:18:45 AM	4.945833	82.745	124.015	Final Shut-In
FH	10/21/2011 7:20:30 AM	4.975	2579.636	124.442	Final Hydro-static

ROCK TYPES

△△△△△ Cht	▨ sdy lmst	▨ shale, grn	▨ shale, red
▨ Dolprim	▨ Lmst fw<7	▨ shale, gry	▨ Ss
▨ Dolsec	▨ Lmst fw>	▨ Carbon Sh	

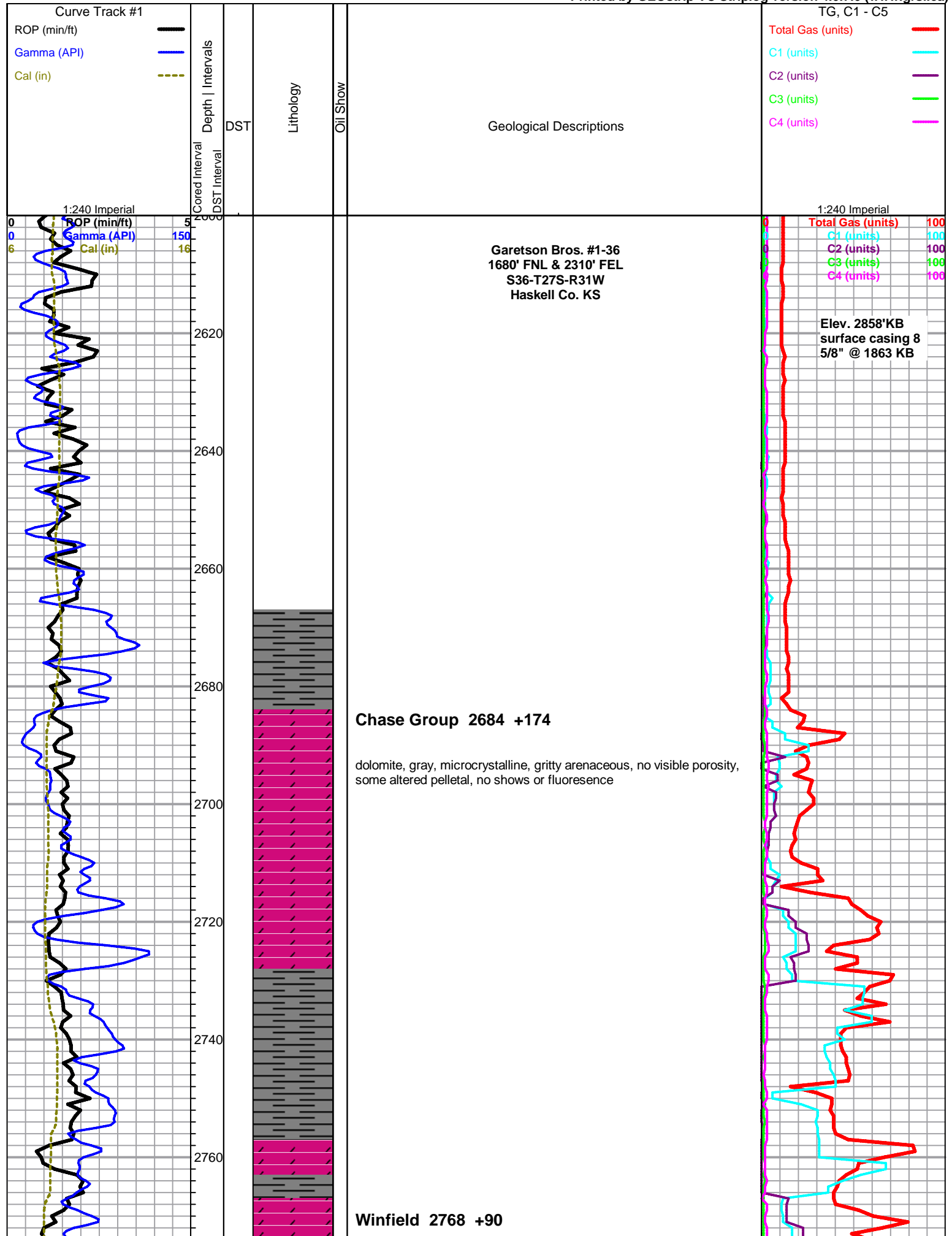
ACCESSORIES

MINERAL	FOSSIL	STRINGER	TEXTURE
— Argillaceous	∩ Bioclastic or Fragmental	▨ Dolomite	C Chalky
⊥ Calcareous	F Fossils < 20%	▨ Limestone	CX Cryptocrystalline
▨ Chert, dark	∅ Oolite	▨ Sandstone	L Lithogr
▨ Chert, tripolitic	∅ Pellets	▨ Siltstone	
▨ Dolomitic	∅ Plant Remains	▨ Shale	
∩ Glauconite	∅ Plant Remains	▨ green shale	
× Mineral Crystals	∅ Oomoldic	▨ carb shale	
P Pyrite			
• Sandy			
• Varicolored chert			
△ Chert White			
▨ Argillaceous/Shale			

OTHER SYMBOLS

MISC	DST
DR Daily Report	▨ DST Int
Digital Photo	▨ DST alt
Document	▨ Core
Folder	
Link	
Vertical Log File	
Horizontal Log File	
Core Log File	
Drill Cuttings Rpt	

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visible porosity, with gray soft argillaceous, no shows or fluorescence

red and gray shales

Towanda 2818 +40

dolomite, light gray, microcrystalline, arenaceous, abundant gray fossiliferous chert

grading to dolomite, dark gray, arenaceous to fossiliferous, grainy, no shows

Ft. Riley 2864 -6

dolomite, mixed gray, slightly arenaceous, microcrystalline, some grainy, fairly dense, mostly poor samples, abundant red shales and anhydrite

as above

samples clean back up, limestone to dolomitic limestone, gray, microcrystalline, grainy fossiliferous, cream to light gray sub-sucrosic and cream to light gray, cryptocrystalline, compact lithographic, abundant chalk, milky wash, no shows

as above, increasing chalk, lithographic facies drops out

limestone, light gray to cream and white, very fossiliferous, grainy, some pinpoint porosity, abundant chalk, no shows, some amber/orange cherts

as above

Cottonwood

limestone, cream to light gray to white, bioclastic, microcrystalline, grainy, some pinpoint porosity, no shows

limestone, white to cream and light gray, bioclastic to oolitic, some scattered porosity, with some dense oolitic and cryptocrystalline white limestone, lithographic, abundant chalk, no shows, fair bluish white to bright light green fluorescence

limestone as above, with mixed fossiliferous limestone, poor samples, flood red shales, samples wash red

Neva 3196 -338

limestone, white to cream, microcrystalline to cryptocrystalline, fossiliferous to lithographic, abundant shale, some white boney cherts, no shows, spotty light fluorescence

limestone, gray, mottled, fossiliferous, soft, chalky, some with sub sucrosic texture, poor visible porosity, no shows or fluorescence

flood red shales

limestone, cream to tan, cryptocrystalline, fossiliferous, dense, with abundant chalk in samples, no shows, some light fluorescence

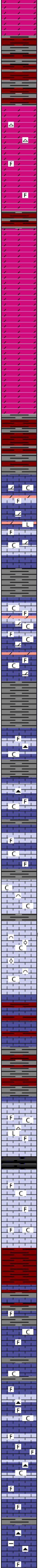
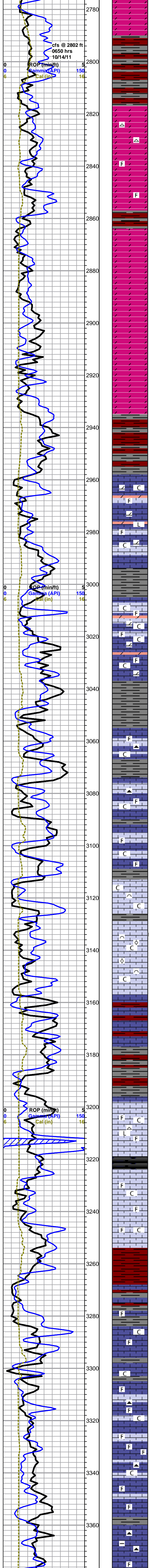
as above, some smooth compact lithographic

Foraker 3306 -448

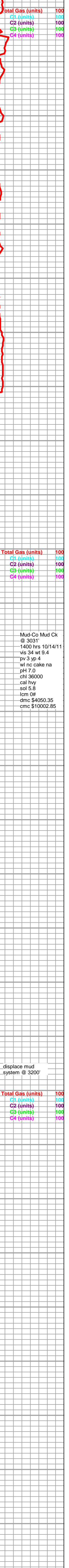
limestone, gray, mottled, microcrystalline, very fossiliferous, some large clasts, dense to weathered chalky, poor visible porosity, some scattered fossiliferous gray cherts, no shows or fluorescence

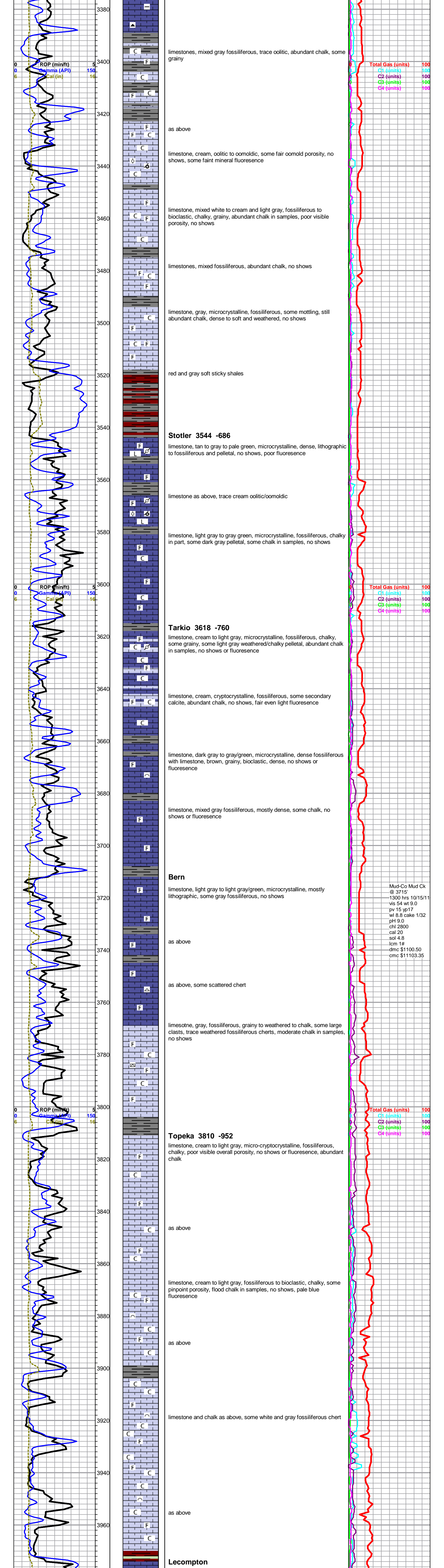
as above

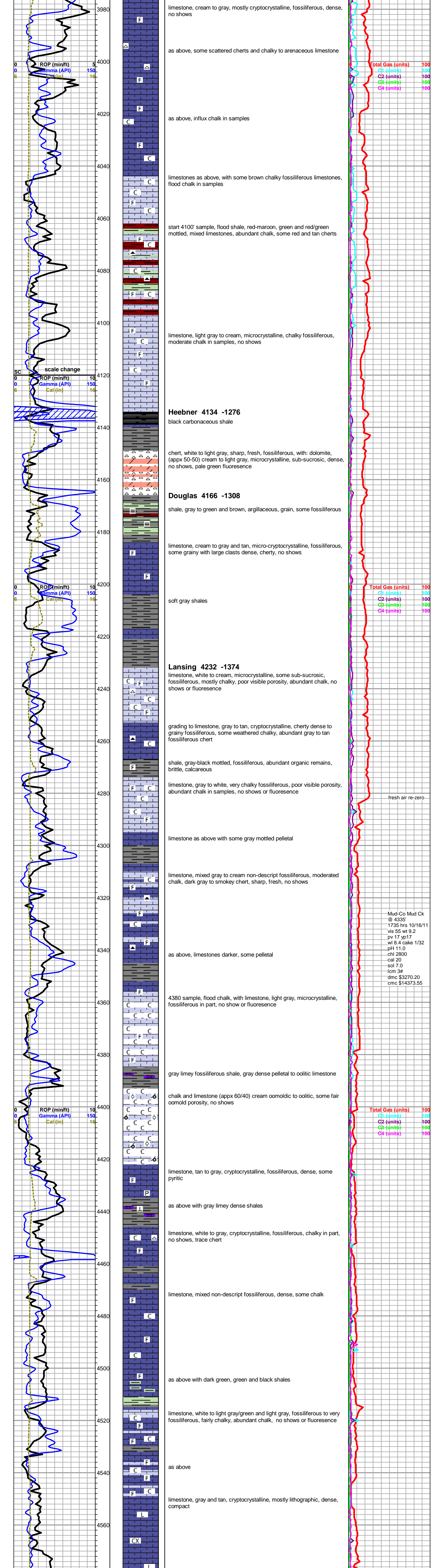
limestone, gray to dark gray, microcrystalline, slightly fossiliferous, dense, some arenaceous, with chert, variable gray, fossiliferous, no shows

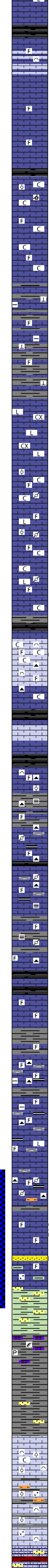
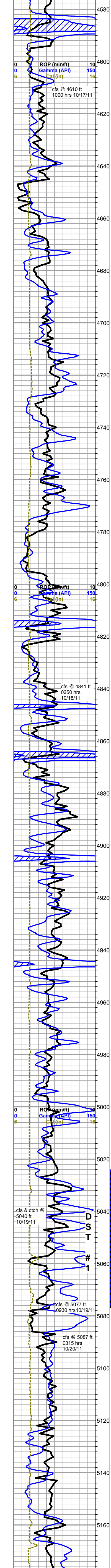


Log descriptions and annotations including 'red and gray shales', 'Towanda 2818 +40', 'dolomite, light gray, microcrystalline, arenaceous, abundant gray fossiliferous chert', 'grading to dolomite, dark gray, arenaceous to fossiliferous, grainy, no shows', 'Ft. Riley 2864 -6', 'dolomite, mixed gray, slightly arenaceous, microcrystalline, some grainy, fairly dense, mostly poor samples, abundant red shales and anhydrite', 'as above', 'samples clean back up, limestone to dolomitic limestone, gray, microcrystalline, grainy fossiliferous, cream to light gray sub-sucrosic and cream to light gray, cryptocrystalline, compact lithographic, abundant chalk, milky wash, no shows', 'as above, increasing chalk, lithographic facies drops out', 'Mud-Co Mud Ck @ 3031 1400 hrs 10/14/11 vis 34 wt 9.4 pv 3 yp 4 wl nc cake na pH 7.0 chl 36000 cal hvy sol 5.8 lcm 0# dmc \$4050.35 cmc \$10002.85', 'limestone, light gray to cream and white, very fossiliferous, grainy, some pinpoint porosity, abundant chalk, no shows, some amber/orange cherts', 'as above', 'Cottonwood', 'limestone, cream to light gray to white, bioclastic, microcrystalline, grainy, some pinpoint porosity, no shows', 'limestone, white to cream and light gray, bioclastic to oolitic, some scattered porosity, with some dense oolitic and cryptocrystalline white limestone, lithographic, abundant chalk, no shows, fair bluish white to bright light green fluorescence', 'limestone as above, with mixed fossiliferous limestone, poor samples, flood red shales, samples wash red', 'displace mud system @ 3200'', 'Neva 3196 -338', 'limestone, white to cream, microcrystalline to cryptocrystalline, fossiliferous to lithographic, abundant shale, some white boney cherts, no shows, spotty light fluorescence', 'limestone, gray, mottled, fossiliferous, soft, chalky, some with sub sucrosic texture, poor visible porosity, no shows or fluorescence', 'flood red shales', 'limestone, cream to tan, cryptocrystalline, fossiliferous, dense, with abundant chalk in samples, no shows, some light fluorescence', 'as above, some smooth compact lithographic', 'Foraker 3306 -448', 'limestone, gray, mottled, microcrystalline, very fossiliferous, some large clasts, dense to weathered chalky, poor visible porosity, some scattered fossiliferous gray cherts, no shows or fluorescence', 'as above', 'limestone, gray to dark gray, microcrystalline, slightly fossiliferous, dense, some arenaceous, with chert, variable gray, fossiliferous, no shows'









Stark Shale 4585 -1727

black carbonaceous shale

limestone, cream to gray, cryptocrystalline, lithographic, with some limestone, light gray to white, grainy, chalky, bioclastic, no visible porosity, no show gas, no mineral or cut fluorescence, moderate chalk in samples

as above - decrease in chalky facies - with flood of gray and red shales - sluff (?)

Hushpuckney

limestone, tan to brown, oolitic to oomoldic, some fair oomold porosity, no shows, light even green fluorescence, appx 25% chalk in samples

grades to limestone, gray, mottled, very fossiliferous, large clasts, with mix of gray to light gray chalky pelletal, some scattered oolitic, dense to some weathered to near chalk, no shows, light fluorescence, abundant chalk in samples

limestone, dark gray, microcrystalline, dense, cherty, shaley and arenaceous to shale, dense, dark gray, calcareous with: limestone, gray, microcrystalline, fossiliferous, some secondary calcite, dense, no shows

Marmaton 4729 -1871

limestone, cream to gray, cryptocrystalline, dense lithographic, trace fossiliferous, no shows

limestone, tan to light brown, microcrystalline, pelletal to fossiliferous to trace oolitic, grainy, some secondary calcite, dense, with abundant chalk

limestone as above, with some brown chalky pelletal and limestone, cream to white, fossiliferous, chalky, poor visible porosity, some gray and green argillaceous and fossiliferous shales

as above, influx limestone, blue/gray, cryptocrystalline, lithographic, no shows

as above, some blue/gray fossiliferous, increase in brown dense fossiliferous facies

Pawnee 4818 -1960

limestone, white to light gray, spongy chalky bioclastic, to white to gray cryptocrystalline fossiliferous, poor overall visible porosity, good bright green fluorescence, no cut, no gas show, very appx 20% chalk in samples, some scattered gray fossiliferous chert

limestone, brown, cryptocrystalline, dense, fossiliferous, with: limestone, gray, chalky fossiliferous, with dark gray/grown fossiliferous cherts, no shows

black carbonaceous shale

limestone, gray, microcrystalline, fossiliferous, grainy, chalky, some tan cherty cryptocrystalline, no shows

Cherokee 4865 -2007

black carbonaceous shale

limestones, gray, fossiliferous, chalky: brown, oolitic/pelletal to bioclastic, dense, abundant brown fossiliferous chert, sharp, fresh: shale, dark gray, dense, limy

as above, picking up dark gray arenaceous dense cherty limestones

limestones, gray, fossiliferous to very fossiliferous, dense to chalky: brown to gray, oolitic/pelletal to bioclastic, dense, abundant brown fossiliferous chert a.a., abundant mixed black and gray shales, no shows, scattered very faint fluorescence

mixed gray to brown and tan fossiliferous to pelletal limestone, chalky to cherty, mixed black, brown and gray shales, some argillaceous, trace brown chert, no shows or fluorescence

limestone, light gray, cryptocrystalline, fossiliferous, dense, fairly homogeneous, dense, no shows or fluorescence

limestones, mixed brown to gray, fossiliferous, cherty to chalky, some argillaceous, abundant mixed cherts, black and gray shales, no shows or fluorescence

limestone, dark gray, microcrystalline, lithographic to fossiliferous, dense, with: shale, dark gray to black, very dense, calcareous, abundant dark gray/black fossiliferous cherts

DST #1 - 5024'-5077', 5-90-45-5, rec. 30 ft mud, IF 67-68#, FF 72-65 #, ISIP 164#, FSIP 63#, HSH 2444-2382#, BHT 121 deg. F

limestone, brown to tan, cryptocrystalline, fossiliferous to pelletal, some gray chalky limestone, abundant brown fossiliferous to pelletal cherts, sharp, fresh, no shows or fluorescence

few clusters pale green siltstone in cfs samples

5060 & 5070 samples, limestone, brown, microcrystalline, fossiliferous, grainy, cherty, some small interclast vugs, no odor, show heavy tarry free oil in tray, show gassy, free oil on break, light green fluorescence, good milky streaming cut

5077 cfs grades to limestone, dark gray, microcrystalline, some secondary calcite, fossiliferous, pyritic, dense, with light gray to tan chalky fossiliferous limestones, some free oil in tray, no visible shows, faint spotty fluorescence

Morrow 5070 -2212

5077 30 and 60 min samples, some sandy gray limestone as above, brown limestones, pale green fissile to green mushy shales, some green fine grained quartz sandstone, barren, abundant pyrite nodules, few clusters dark stained asphaltic quartz sand, no show free oil or odor

light green pyritic shale as above, pyritic in part, some olive shale, green dirty fine grain sandstone a.a., barren, lots of soft mushy shale

5100 some pale green cryptocrystalline lithographic limestone, flood lavender/gray shale, some pyritic, black foss/plant remnants

shale, now grading to lighter gray, with some cryptoxn-lithographic green limestone, heavy gray milky wash, no sand, some gray bioclastic (large clasts), friable, no show, pale fluorescence

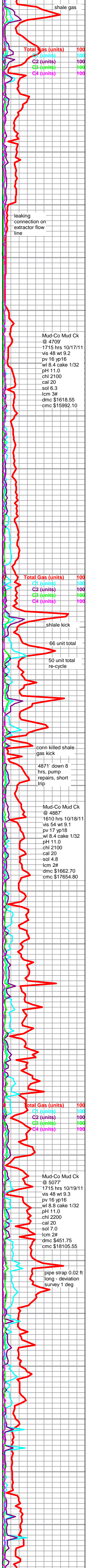
5120 sample, shale a.a., limestone falls out, trace gray shale loaded sandstone to very fine grained sandstone, well cemented, no show

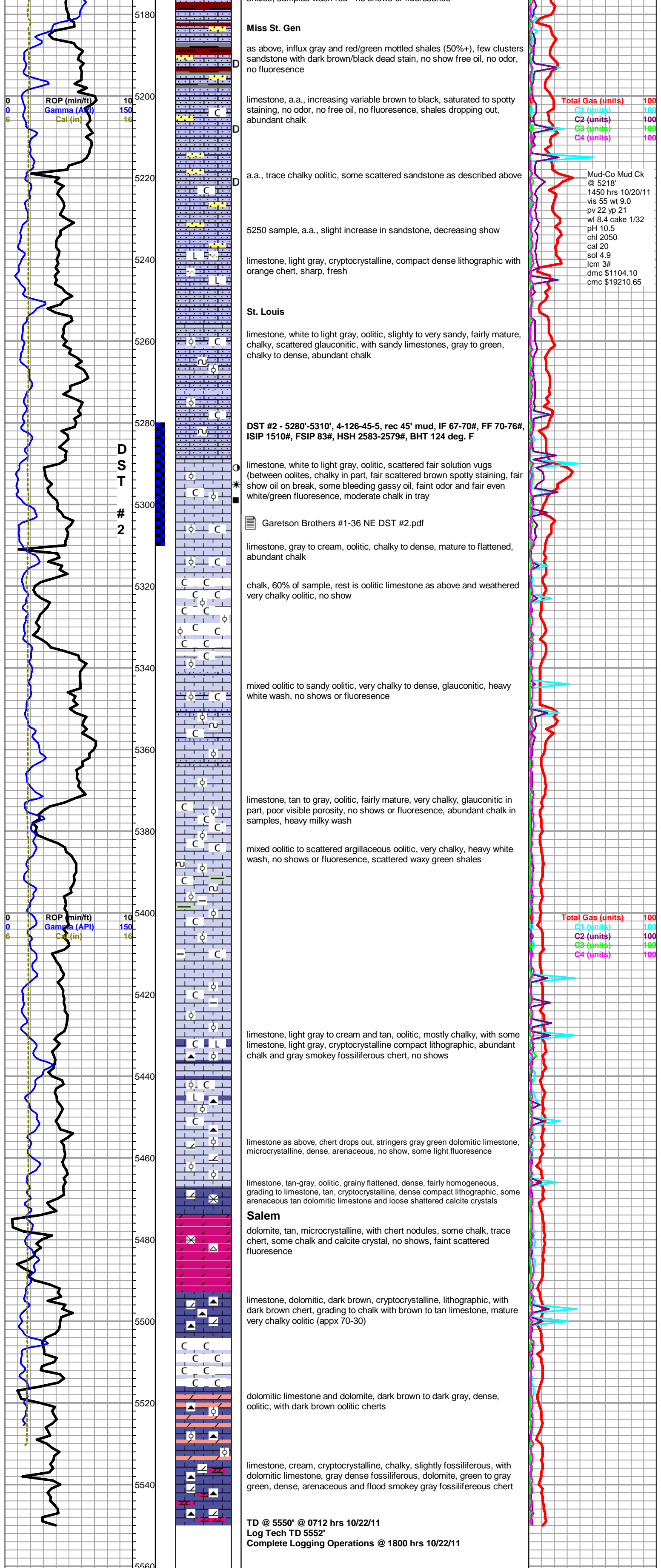
Miss (Chester LS) 5126 -2268

limestone, gray to blue/gray and cream, oolitic and bioclastic, some large clasts, chalky in part, poor visible porosity, no shows,

flood brown/gray splintery shale, limestone as above, with limestone, pale green, sandy, chalky to dense, some pale green siltstone

limestone, white to green, microcrystalline, very sandy, cherty and dense to friable/chalky, with sandstone, white to green, very fine grain, well sorted and rounded, mostly well cemented, with flood brick red shales. samples wash red - no shows or fluorescence





Miss St. Gen

as above, influx gray and red/green mottled shales (50%+), few clusters sandstone with dark brown/black dead stain, no show free oil, no odor, no fluorescence

limestone, a.a., increasing variable brown to black, saturated to spotty staining, no odor, no free oil, no fluorescence, shales dropping out, abundant chalk

a.a., trace chalky oolitic, some scattered sandstone as described above

5250 sample, a.a., slight increase in sandstone, decreasing show

limestone, light gray, cryptocrystalline, compact dense lithographic with orange chert, sharp, fresh

St. Louis

limestone, white to light gray, oolitic, slightly to very sandy, fairly mature, chalky, scattered glauconitic, with sandy limestones, gray to green, chalky to dense, abundant chalk

DST #2 - 5280'-5310', 4-126-45-5, rec 45' mud, IF 67-70#, FF 70-76#, ISIP 1510#, FSIP 83#, HSH 2583-2579#, BHT 124 deg. F

limestone, white to light gray, oolitic, scattered fair solution vugs (between oolites, chalky in part, fair scattered brown spotty staining, fair show oil on break, some bleeding gassy oil, faint odor and fair even white/green fluorescence, moderate chalk in tray

Garetson Brothers #1-36 NE DST #2.pdf

limestone, gray to cream, oolitic, chalky to dense, mature to flattened, abundant chalk

chalk, 60% of sample, rest is oolitic limestone as above and weathered very chalky oolitic, no show

mixed oolitic to sandy oolitic, very chalky to dense, glauconitic, heavy white wash, no shows or fluorescence

limestone, tan to gray, oolitic, fairly mature, very chalky, glauconitic in part, poor visible porosity, no shows or fluorescence, abundant chalk in samples, heavy milky wash

mixed oolitic to scattered argillaceous oolitic, very chalky, heavy white wash, no shows or fluorescence, scattered waxy green shales

Salem

dolomite, tan, microcrystalline, with chert nodules, some chalk, trace chert, some chalk and calcite crystal, no shows, faint scattered fluorescence

limestone, dolomitic, dark brown, cryptocrystalline, lithographic, with dark brown chert, grading to chalk with brown to tan limestone, mature very chalky oolitic (appx 70-30)

dolomitic limestone and dolomite, dark brown to dark gray, dense, oolitic, with dark brown oolitic cherts

limestone, cream, cryptocrystalline, chalky, slightly fossiliferous, with dolomitic limestone, gray dense fossiliferous, dolomite, green to gray green, dense, arenaceous and flood smokey gray fossiliferous chert