Joshua R. Austin
Petroleum Geologist
report for
Lebsack Oil Production, Inc.

COMPANY: LEBSACK OIL PRODUCTION INC.

LEASE: North River #6

FIELD: GROVE

SURFACE LOCATION: S2-N2-N2-NW (440' FNL & 1320' FWL)

SEC: 34 TWSP: 20s RGE: 10w

COUNTY: RICE STATE: KANSAS

KB: 1729' GL: 1718'

API # 15-159-22835-00-00

CONTRACTOR: STERLING DRILLING COMPANY (Rig #4)

Spud: 12/09/2016 Comp: 12/16/16

RTD: 3250 LTD: 3249

Mud Up: 2636' Type Mud: Chemical was displaced

Samples Saved From: 2400' to RTD

Geological Supervision From: 2750'to RTD

Geologist on Well: Josh Austin

Surface Casing: 8 5/8" @ 269'

Production Casing: 5 1/2" @ 3232'

NOTES

On the basis of the positive sturctural position, drill stem test and after reviewing the electric logs, it was recommended by all parties involved in the North River #6 to run 5 1/2" production casing to further test the Lansing zone.

Lebsack Oil Production Inc.
well comparison sheet

DRILLING WELL	COMPARISON WELL	COMPARISON WELL

	North River 6				North River 1				North River 5			
	1729 KB				1729 KB		Structural Relationship		1725 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Howard	2445	-716	2443	-714	2448	-719	3	5	2442	-717	1	3
Topeka	2547	-818	2544	-815	2546	-817	-1	2	2543	-818	0	3
Heebner	2832	-1103	2830	-1101	2830	-1101	-2	0	2828	-1103	0	2
Douglas	2856	-1127	2853	-1124	2853	-1124	-3	0	2855	-1130	3	6
Brown Lime	2969	-1240	2966	-1237	2965	-1236	-4	-1	2960	-1235	-5	-2
Lansing	2983	-1254	2982	-1253	2988	-1259	5	6	2976	-1251	-3	-2
"F" Zone	3068	-1339	3065	-1336	3062	-1333	-6	-3	3058	-1333	-6	-3
Total Depth	3250	-1521	3249	-1520	3137	-1408			3248	-1523		

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lebsack Oil Productions Inc.

PO Box 354
Chase, Kansas 67524

ATTN: Josh Austin

34/20S/10W/Rice

North River #6

Job Ticket: 63688 **DST#: 1**

Test Start: 2016.12.13 @ 04:34:00

GENERAL INFORMATION:

Formation: **Lansing zone C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:32:30
Time Test Ended: 10:28:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 72 Great Bend/50

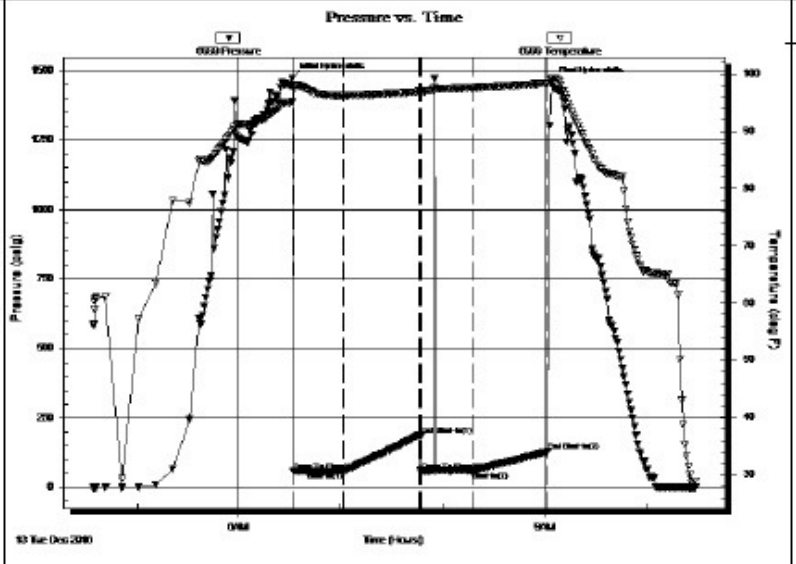
Interval: 3018.00 ft (KB) To 3038.00 ft (KB) (TVD)
Total Depth: 3038.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Poor

Reference Elevations: 1729.00 ft (KB)
1718.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6999 **Inside**
Press@RunDepth: 60.37 psig @ 3034.00 ft (KB)
Start Date: 2016.12.13 End Date: 2016.12.13
Start Time: 04:34:05 End Time: 10:28:29

Capacity: 8000.00 psig
Last Calib.: 2016.12.13
Time On Btm: 2016.12.13 @ 06:31:30
Time Off Btm: 2016.12.13 @ 09:03:30

TEST COMMENT: I.F. 30 minutes/tool slide 10 foot/Blow at 6 inches at open built to 7 1/2 inches
I.S.I. 45 minutes/no blow back
F.F. 30 minutes/w eak intermittent surface blow /flush tool no help/ blow died in 13 minutes
F.S.I. 45 minutes/no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1473.23	95.05	Initial Hydro-static
1	59.35	97.31	Open To Flow (1)
30	57.63	96.19	Shut-In(1)
75	188.76	96.90	End Shut-In(1)
76	59.88	96.91	Open To Flow (2)
106	60.37	97.61	Shut-In(2)
150	130.17	98.34	End Shut-In(2)
152	1458.80	99.27	Final Hydro-static

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
70.00	Mud with show of oil	0.34

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

DRILL STEM TEST REPORT

Lebsack Oil Productions Inc.

PO Box 354
Chase, Kansas 67524

ATTN: Josh Austin

34/20S/10W/Rice

North River #6

Job Ticket: 63689 **DST#: 2**

Test Start: 2016.12.13 @ 19:15:00

GENERAL INFORMATION:

Formation: **Lansing zone F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:50:30
Time Test Ended: 00:53:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 72 Great Bend/50

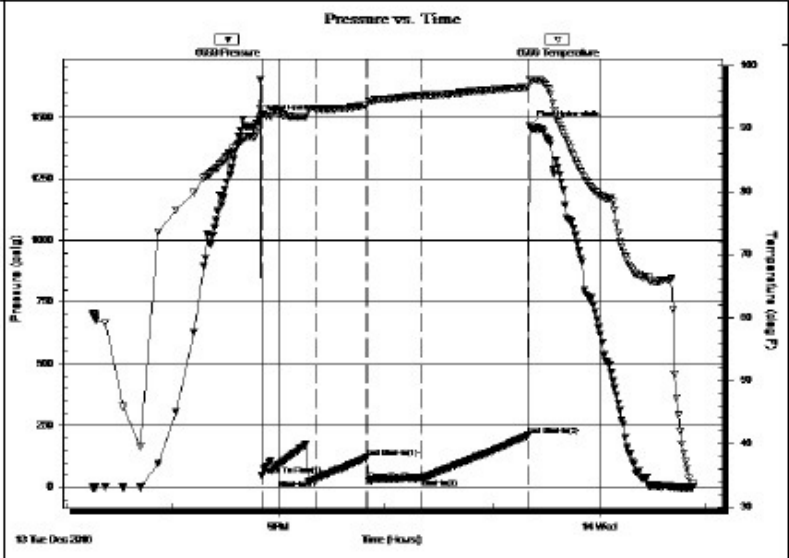
Interval: 3065.00 ft (KB) To 3080.00 ft (KB) (TVD)
Total Depth: 3080.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 1729.00 ft (KB)
1718.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6999 **Inside**
Press@RunDepth: 34.45 psig @ 3076.00 ft (KB)
Start Date: 2016.12.13 End Date: 2016.12.14
Start Time: 19:15:05 End Time: 00:52:59

Capacity: 8000.00 psig
Last Calib.: 2016.12.14
Time On Btm: 2016.12.13 @ 20:49:00
Time Off Btm: 2016.12.13 @ 23:20:30

TEST COMMENT: I.F. 30 minutes/Light surging build to 5 1/2 inches/ Strong surge at 25 minutes to BOB
I.S.I. 30 minutes/Light surface blow back
F.F. 30 minutes/Surging build to BOB in 17 minutes
F.S.I. 60 minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1491.64	91.84	Initial Hydro-static
2	49.96	92.23	Open To Flow (1)
32	30.99	93.21	Shut-In(1)
61	120.05	93.62	End Shut-In(1)
62	27.52	94.35	Open To Flow (2)
91	34.45	95.28	Shut-In(2)
151	211.33	96.59	End Shut-In(2)
152	1463.76	97.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Gassy Emulsified Oily Mud	0.30
0.00	Gas 20% Oil 20% Mud 60%	0.00

Gas Rates

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

0.00	120 feet of gas in pipe	0.00

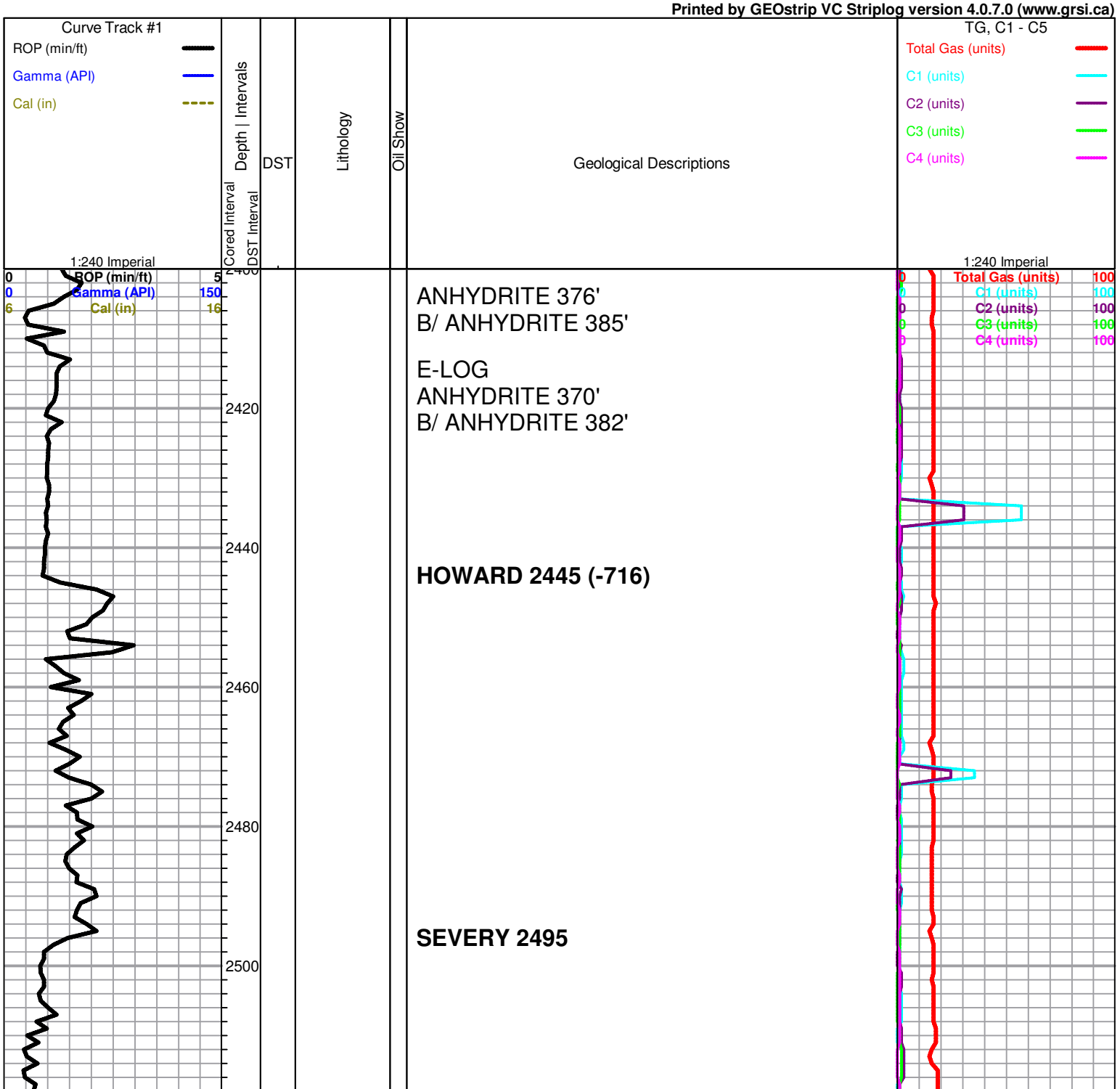
ROCK TYPES

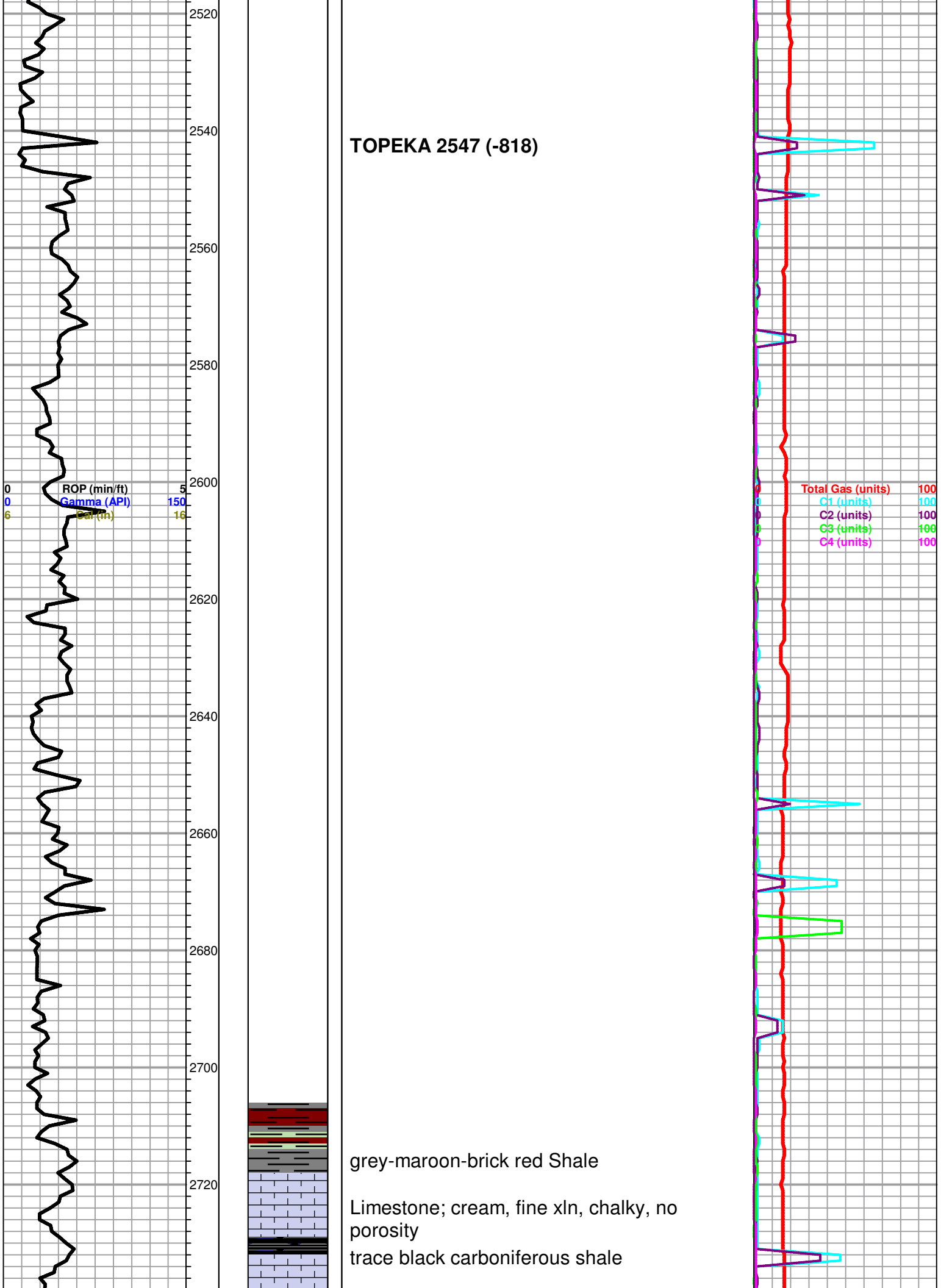
Lmst fw7>
shale, gry
shale, red
shale, grn
Carbon Sh

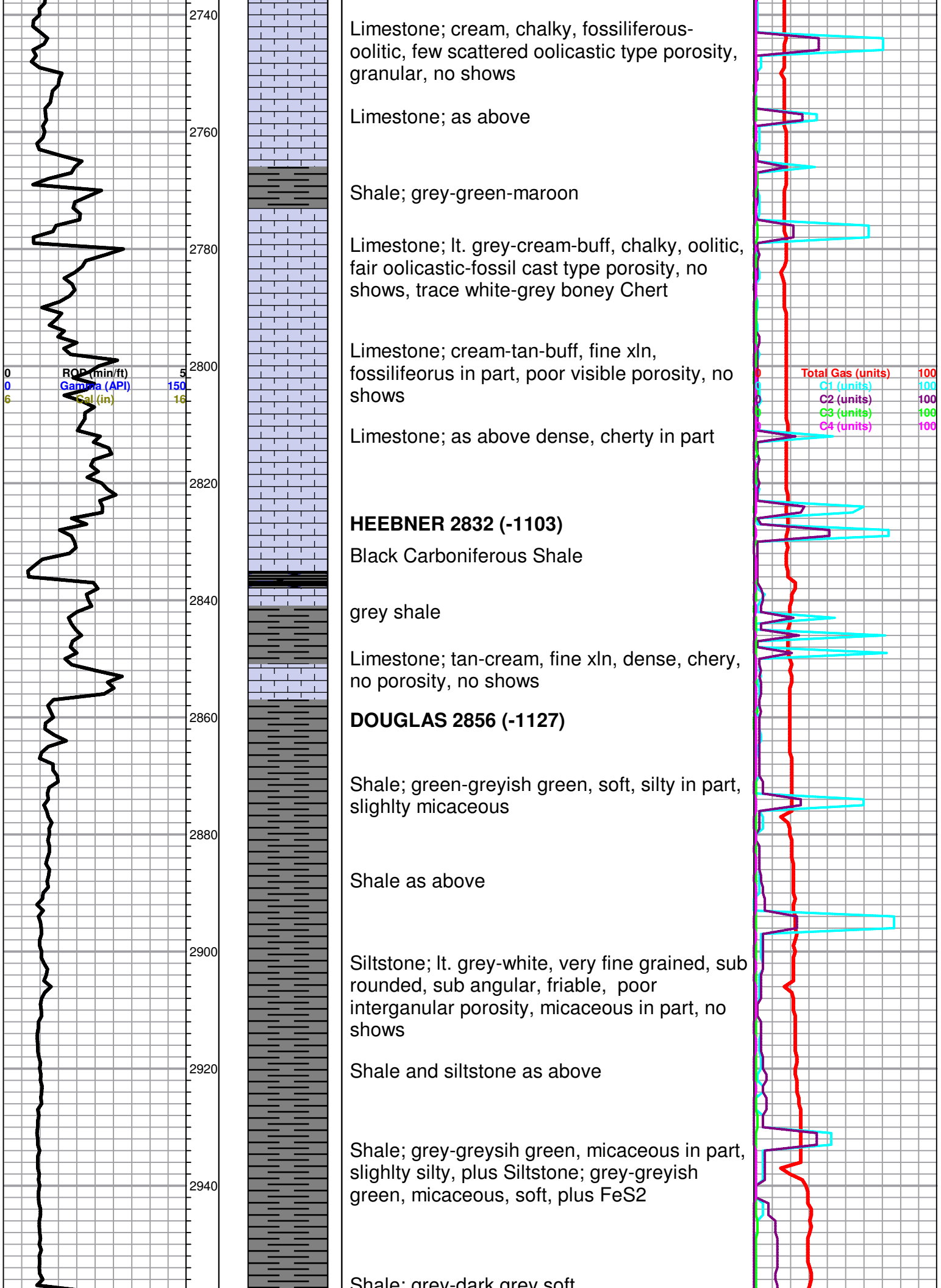
OTHER SYMBOLS

DST
DST Int
DST alt
Core
tail pipe

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




2520
2540
2560
2580
2600
2620
2640
2660
2680
2700
2720
0 ROP (min/ft) 5
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
TOPEKA 2547 (-818)
grey-maroon-brick red Shale
Limestone; cream, fine xln, chalky, no porosity
trace black carboniferous shale



Limestone; cream, chalky, fossiliferous-oolitic, few scattered oolicastic type porosity, granular, no shows

Limestone; as above

Shale; grey-green-maroon

Limestone; lt. grey-cream-buff, chalky, oolitic, fair oolicastic-fossil cast type porosity, no shows, trace white-grey boney Chert

Limestone; cream-tan-buff, fine xln, fossilifeorus in part, poor visible porosity, no shows

Limestone; as above dense, cherty in part

HEEBNER 2832 (-1103)

Black Carboniferous Shale

grey shale

Limestone; tan-cream, fine xln, dense, chery, no porosity, no shows

DOUGLAS 2856 (-1127)

Shale; green-greyish green, soft, silty in part, slighlty micaceous

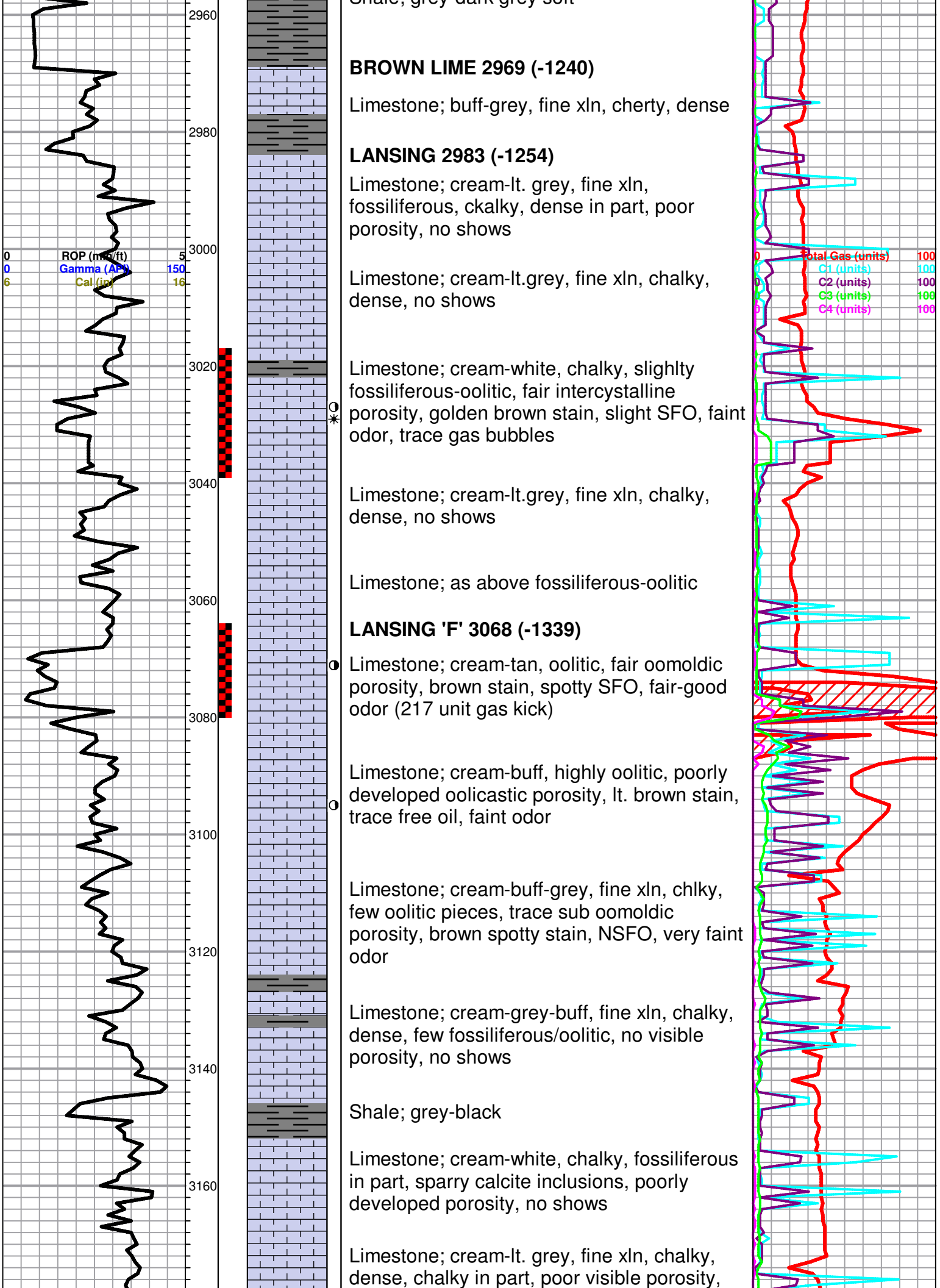
Shale as above

Siltstone; lt. grey-white, very fine grained, sub rounded, sub angular, friable, poor interganular porosity, micaceous in part, no shows

Shale and siltstone as above

Shale; grey-greysih green, micaceous in part, slighlty silty, plus Siltstone; grey-greyish green, micaceous, soft, plus FeS2

Shale; grey-dark grey soft



Shale; grey-dark grey soft

BROWN LIME 2969 (-1240)

Limestone; buff-grey, fine xln, cherty, dense

LANSING 2983 (-1254)

Limestone; cream-lt. grey, fine xln, fossiliferous, ckalky, dense in part, poor porosity, no shows

Limestone; cream-lt.grey, fine xln, chalky, dense, no shows

Limestone; cream-white, chalky, slighlty fossiliferous-oolitic, fair intercystalline porosity, golden brown stain, slight SFO, faint odor, trace gas bubbles

Limestone; cream-lt.grey, fine xln, chalky, dense, no shows

Limestone; as above fossiliferous-oolitic

LANSING 'F' 3068 (-1339)

Limestone; cream-tan, oolitic, fair oomoldic porosity, brown stain, spotty SFO, fair-good odor (217 unit gas kick)

Limestone; cream-buff, highly oolitic, poorly developed oolicastic porosity, lt. brown stain, trace free oil, faint odor

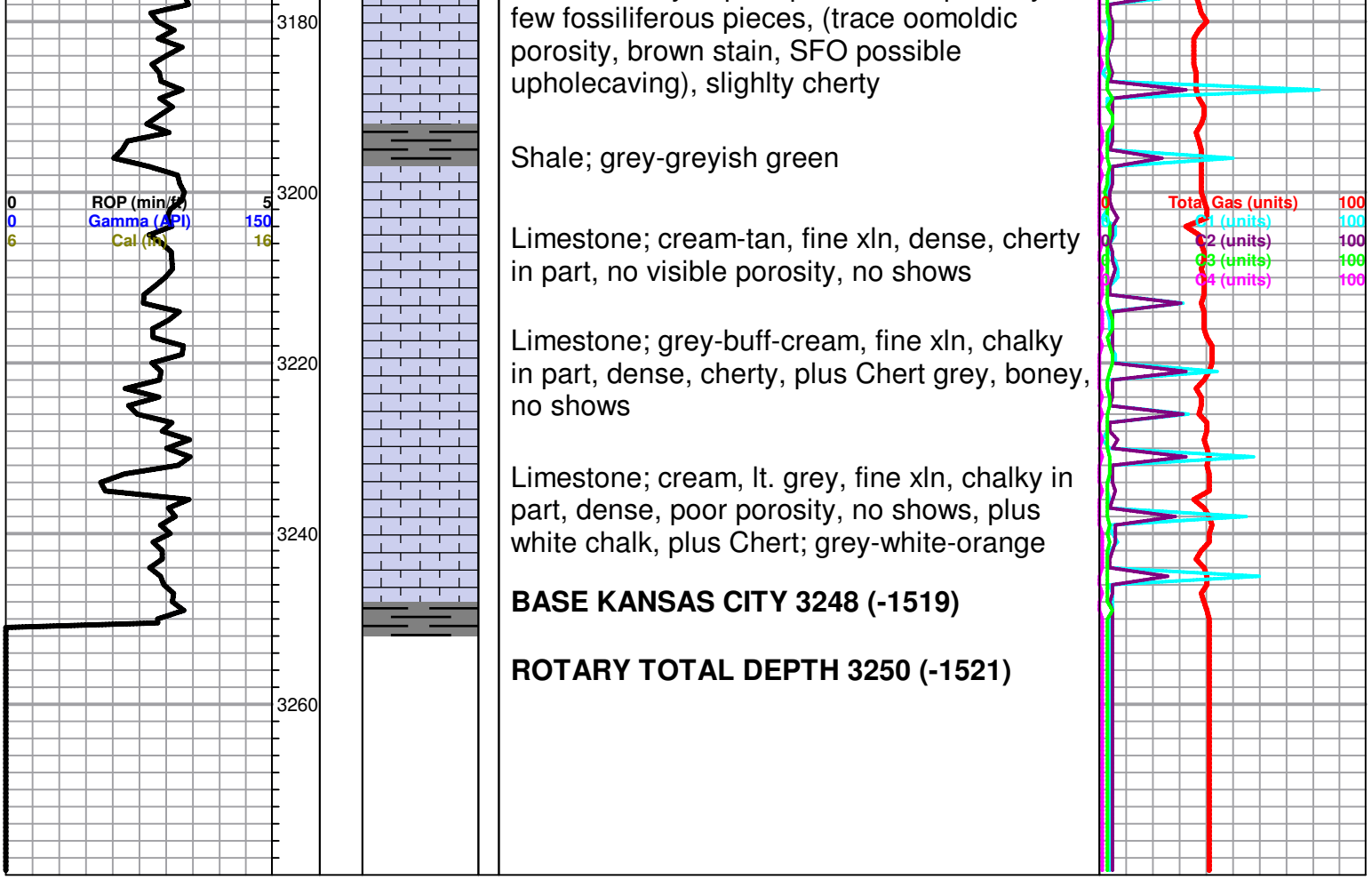
Limestone; cream-buff-grey, fine xln, chlky, few oolitic pieces, trace sub oomoldic porosity, brown spotty stain, NSFO, very faint odor

Limestone; cream-grey-buff, fine xln, chalky, dense, few fossiliferous/oolitic, no visible porosity, no shows

Shale; grey-black

Limestone; cream-white, chalky, fossiliferous in part, sparry calcite inclusions, poorly developed porosity, no shows

Limestone; cream-lt. grey, fine xln, chalky, dense, chalky in part, poor visible porosity,



few fossiliferous pieces, (trace oomoldic porosity, brown stain, SFO possible upholecaving), slighlty cherty

Shale; grey-greyish green

Limestone; cream-tan, fine xln, dense, cherty in part, no visible porosity, no shows

Limestone; grey-buff-cream, fine xln, chalky in part, dense, cherty, plus Chert grey, boney, no shows

Limestone; cream, lt. grey, fine xln, chalky in part, dense, poor porosity, no shows, plus white chalk, plus Chert; grey-white-orange

BASE KANSAS CITY 3248 (-1519)

ROTARY TOTAL DEPTH 3250 (-1521)