



Confidentiality Requested:
 Yes No

KANSAS CORPORATION COMMISSION 1104437
 OIL & GAS CONSERVATION DIVISION

Form ACO-1
 August 2013

Form must be Typed
 Form must be Signed
 All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas 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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

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

- Confidentiality Requested
Date: _____
 - Confidential Release Date: _____
 - Wireline Log Received
 - Geologist Report Received
 - UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1104437

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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BASIC

energy services, L.P.

TREATMENT REPORT

Customer DCCAD E+P Partners LLC		Lease No.		Date	
Lease Dealy SWO		Well # 2-31		12-7-12	
Field Order # 07048A	Station Pratt	Casing 9-5/8"	Depth 4265	County Reno	State KS
Type Job 9-5/8 Long String	Formation Cmml 704265		Legal Description 31-24-9		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 9-5/8"	Tubing Size	Shots/Ft		Acid 1000 gal mud flush	RATE	PRESS	ISIP
Depth 4265	Depth	From	To	Pre Pad 455 SKs A-con @ 11.2 #	Max		5 Min.
Volume 317	Volume	From	To	Pad 175 SKs AA2	Min		10 Min.
Max Press 1500 #	Max Press	From	To	Frac	Avg		15 Min.
Well Connection PC	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 4183'	Packer Depth	From	To	Flush Disp H2O	Gas Volume		Total Load

Customer Representative John	Station Manager Scotty	Treater Allen
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Service Units	28443	19903	19905	70959	19918	19831	19862			
Driver Names	Allen	Mike	Matt	Dale	Phye	Scott	Callaway			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:00 PM					on loc. Discuss Safety Setup Plan Job
6:30					Rig Running 9-5/8 casing 40'
7:30					CIR w/ Rig. 40' in AIR.
8:30			24	5	Take 1-Joint out CIR approx 1-hr
					Start 1000 gal mud flush
					Pump 5 BBL N2O space
			256	5 1/2	start mix 455 SKs A-con @ 11.2 #
			43	5 1/2	start mix 175 SKs AA2 @ 15.2 #
					Finish mix Release Top
					Rubber Plug 8-5/8"
9:35				6 1/2	start Disp.
				6 1/2	CAUGHT Lift PSI @ 135 BBL on
10:30			317	4 1/2	plug down
					Release PSI - OK..
					Rack up Equip.
11:30					Job complete.
					cmf CIR to P.T
					Thanks
					Allen + Mike
					Dale + Scott

BASIC

energy services, L.P.

TREATMENT REPORT

Customer Dorado E&P Partners	Lease No.	Date 11-29-12
Lease Daily SWD	Well # 2-31	
Field Order # 1506	Station Pratt	Casing 13 3/8
		Depth 252
Type Job 13 3/8 Surface CNW	Formation	Legal Description 31-24-92
		County Reno State Ks

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 13 3/8	Tubing Size	Shots/Ft	260 sks	Acid	Common	RATE	PRESS
Depth 252	Depth	From	To 250	Pre Pad	1/4 # Cell Case	Max	5 Min.
Volume 39.42	Volume	From	To	Pad		Min	10 Min.
Max Press 300	Max Press	From	To	Frac		Avg	15 Min.
Well Connection P.C.	Annulus Vol.	From	To			HHP Used	Annulus Pressure
Plug Depth 250	Packer Depth	From	To	Flush	37.7	Gas Volume	Total Load

Customer Representative **John Conolly** Station Manager **Dave Scott** Treater **Steve Orlando**

Service Units	27283	27463	19826	19860				
Driver Names	Orlando	Wight	Calloway					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:30 PM					On location - Safety Meeting
					Run 6 sks H₂O @ 15 #/gal
					Centrifuges 2-4
					Casing on Bottom
					Break Circ w/ Rig
5:00	250		55	4	mix 260 sks common @ 15 #/gal
5:20	0		0	4	Start H₂O Displacement
5:25	300		23	4	Cement to Surface
5:30	300		37.7	4	Displacement Complete
5:30	300		37.7	4	Close In Valve
					Circulation thru Job
					Circulated 14 bbl TOPIT
					Job Complete
					Thanks, Steve



Scale: 5" / 100'
Measured Depth Log

Well Name Dealy SWD 2-31

Location Langdon

State Kansas

County Reno

Country United States

Rig Number Duke 20

API Number 15-155-21614

Field Wildcat

Drilling Completed 12/5/2012

Surface Coordinat... N/2 N/2 NE NE, Section 31. T24S-R9W

Ground Elevation 1,718

K.B. Elevation 1,730

Logged Interval 3,200 To 4,265

Total Depth 4,265

Formation Arbuckle

Operator

Company Dorado E&P Partners, LLC

Rock Types

UNKNOWN	DOLOMITE	SHALE GRAY	TILL
ANHYDRITE	CHERT	SHALE COLORED	BENTONITE
GYPSUM	COAL	SILTSTONE	TUFF
SALT	MARLSTONE	SANDSTONE	IGNEOUS
SIDERITE or LIMONITE	CLAYSTONE	CONGLOMERATE	METAMORPHIC
LIMESTONE	SHALE	BRECCIA	

Accessories

Fossils

- ALGAE
- AMPHIPORA
- BELEMNITE
- BIOCLASTIC
- BRACHIOPOD
- BRYOZOA
- CEPHALOPOD
- CORAL
- CRINOID
- ECHINOID

Fossil

- F FOSSIL
- GASTROPOD
- OOLITE
- OSTRACOD
- PELECYPOD
- PELLET
- PISOLITE
- PLANT REMAINS
- PLANT SPORES
- SCAPHOPOD
- STROMATOPOROID

Minerals

Argillaceous

- ARGILLACEOUS
- ARGILLITE GRAIN
- BENTONITE
- BITUMENOUS SUBSTANCE
- BRECCIA FRAGMENTS
- CALCAREOUS
- CARBONACEOUS FLAKES
- CHTDK
- CHTLT
- COAL - THIN BEDS
- DOLOMITIC
- FELDSPAR

Glauconite

- GLAUCONITE
- GYPSIFEROUS
- HEAVY MINERAL
- KAOLIN
- MARLSTONE
- MINERAL CRYSTALS
- NODULES
- PHOSPHATE PELLETS
- PYRITE
- SALT CAST
- SANDY
- SILICEOUS

Stringer

- ANHYDRITE STRINGER
- BENTONITE STRINGER
- COAL STRINGER
- DOLOMITE STRINGER
- GYPSUM STRINGER
- LIMESTONE STRINGER
- MARLSTONE (CALC) STRG
- MARLSTONE (DOL) STRG
- SANDSTONE STRINGER
- SHALE STRINGER

FISH

minerals

FERRUGINOUS PELLETT

SILTY

SILTSTONE STRINGER

FORAMINIFERA

ANHYDRITIC

FERRUGINOUS

TUFFACEOUS

Other Symbols

Oil Show

- DEAD
- EVEN
- QUESTIONABLE
- SPOTTED STAINING

Porosity

- E EARTHY
- FENESTRAL
- FRACTURE
- INTERCRYSTALLINE
- INTEROOLITIC

- MOLDIC
- ORGANIC
- PINPOINT
- VUGGY

Engineering

- BIT
- CONNECTION (LEFT)
- CONNECTION (RIGHT)
- CONNECTION GAS
- CORE - LOST
- CORE - RECOVERED
- DST INTERVAL

- FAULT
- FORMATION TOP
- GAS SHOW
- MN DEPTH
- NORMAL FAULT
- OIL SHOW
- OVERTURNED STRATA
- REVERSE FAULT
- SIDEWALL CORE (LEFT)
- SIDEWALL CORE (RIGHT)
- SLIDE
- SURVEY
- TRIP GAS

- WIRELINE TESTED - LEFT
- WIRELINE TESTED - RT

Rounding

- ANGULAR
- ROUNDED
- SUBANG
- SUBRND

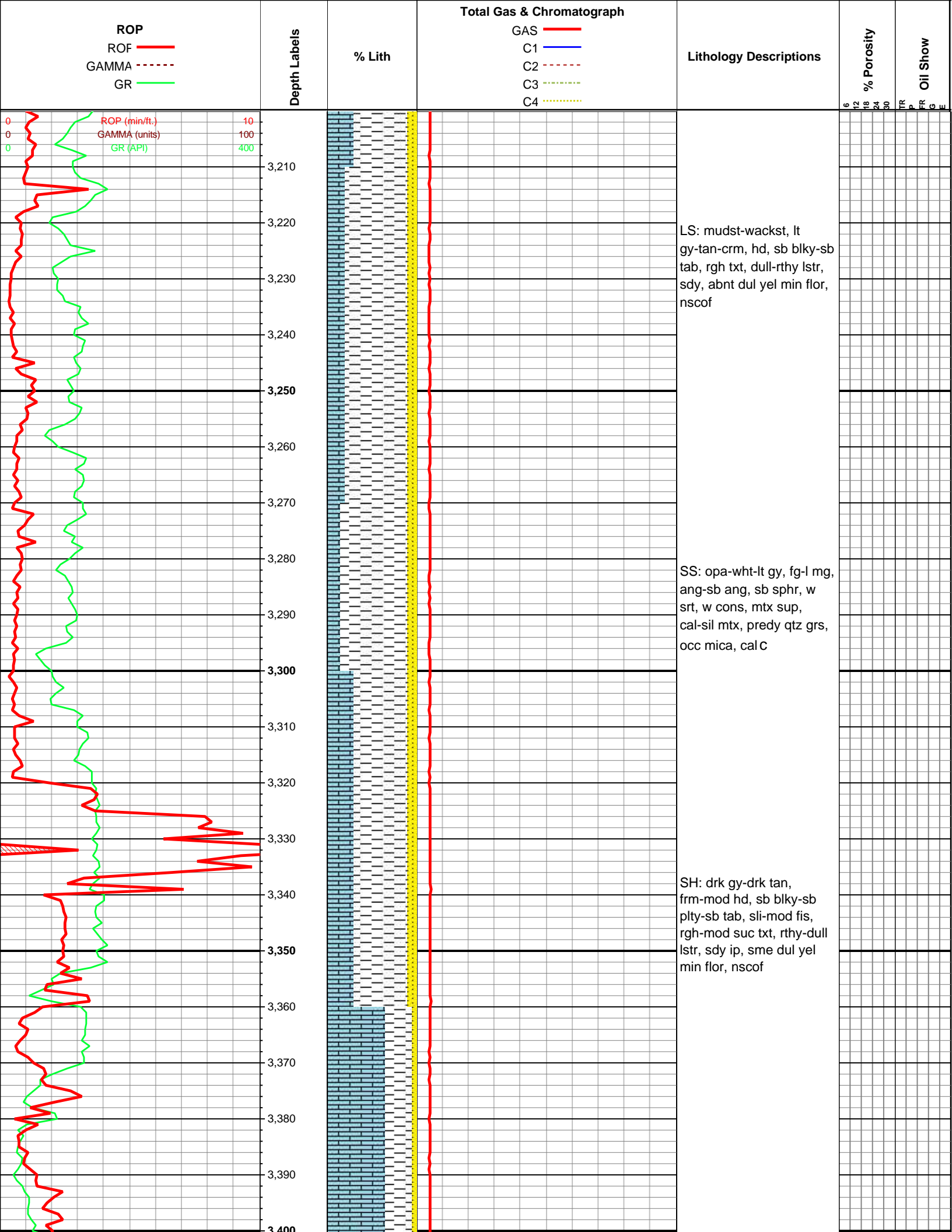
Textures

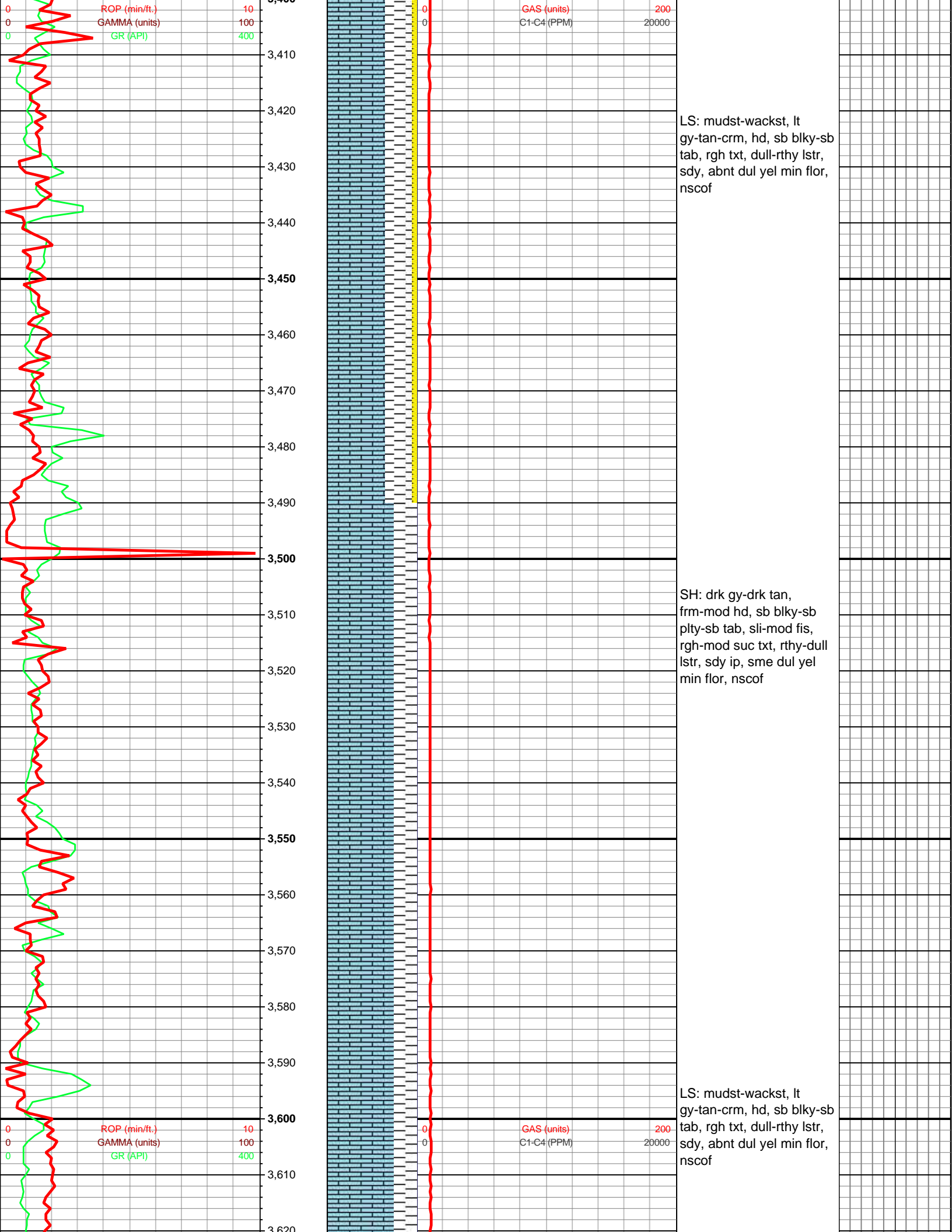
- BOUNDSTONE
- CHALKY
- CRYPTOXLN

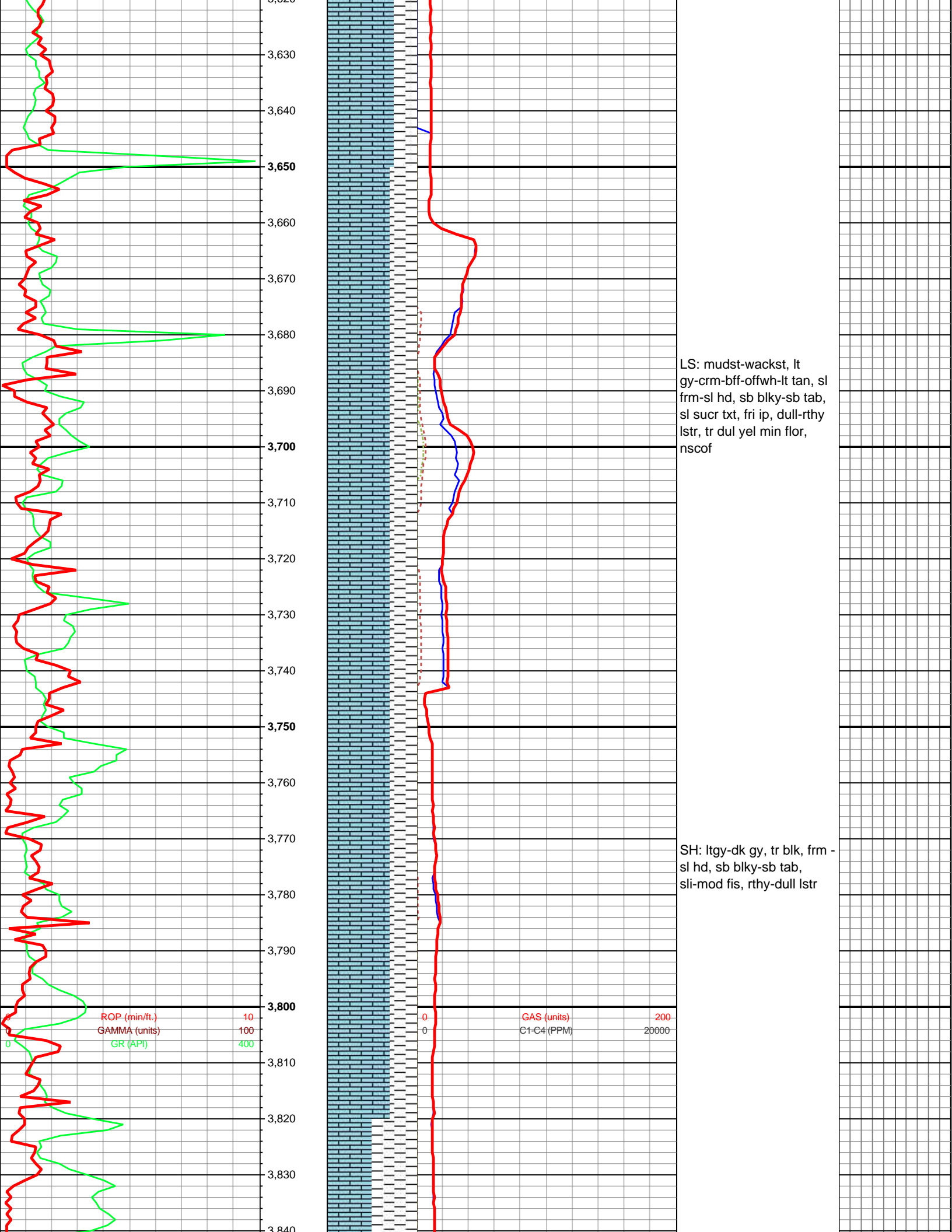
- E EARTHY
- FINELYXLN
- GRAINSTONE
- LITHOGRAPHIC
- MICROXLN
- MUDSTONE
- PACKSTONE
- WACKESTONE

Sorting

- MODERATE
- POOR
- WELL





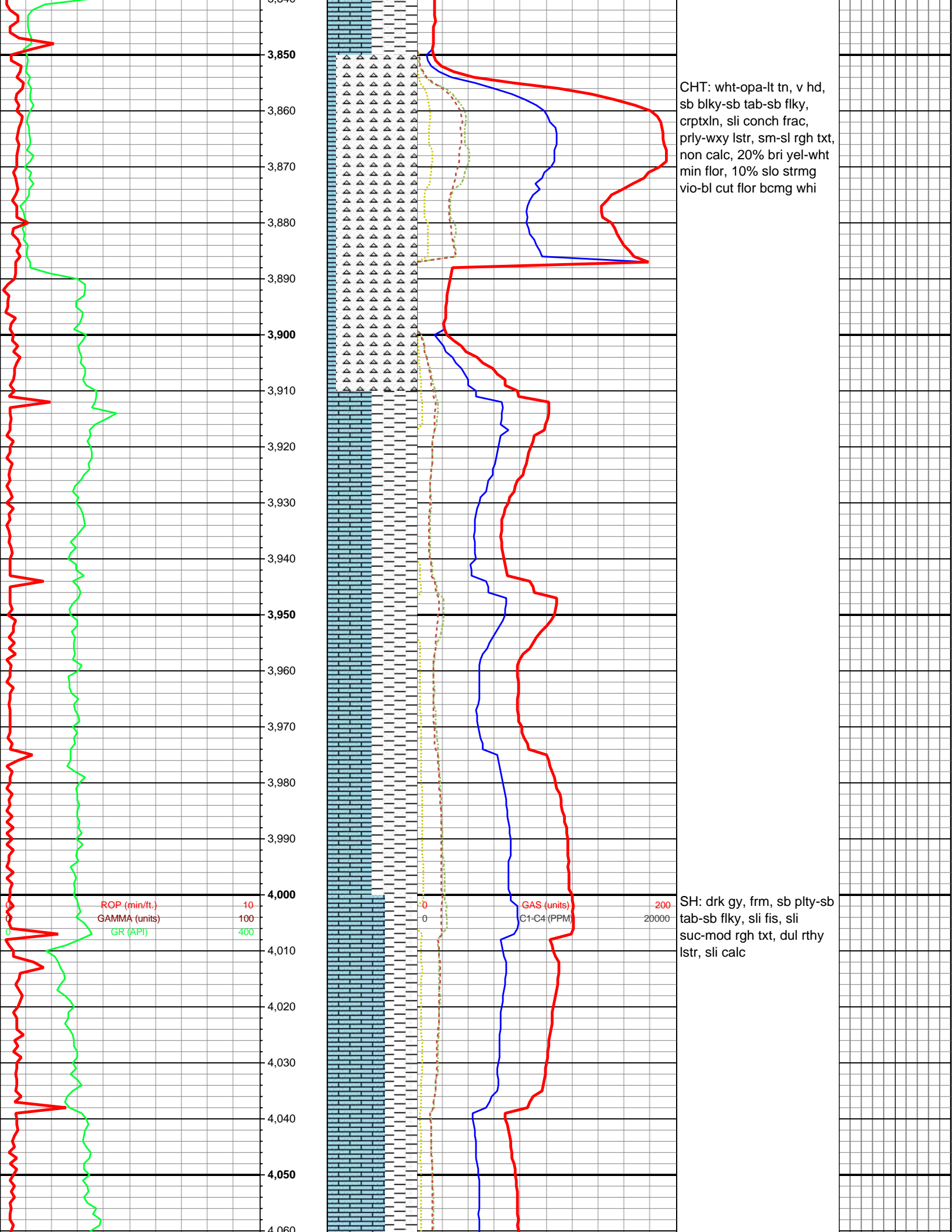


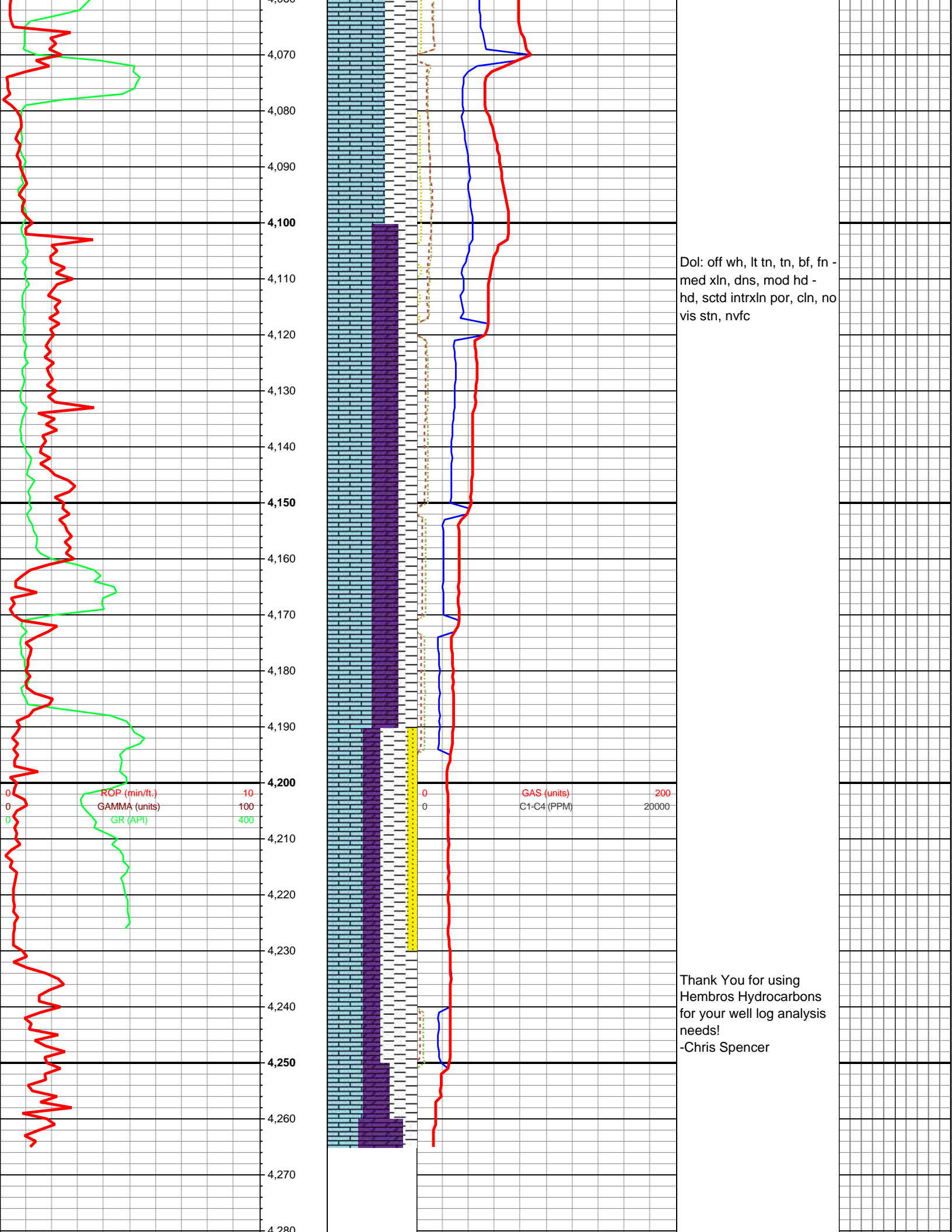
LS: mudst-wackst, lt gy-crm-bff-offwh-lt tan, sl frm-sl hd, sb blk-y-sb tab, sl sucr txt, fri ip, dull-rthy lstr, tr dul yel min flor, nscof

SH: ltgy-dk gy, tr blk, frm - sl hd, sb blk-y-sb tab, sli-mod fis, rthy-dull lstr

ROP (min/ft) 10
 GAMMA (units) 100
 GR (API) 400

GAS (units) 200
 C1-C4 (PPM) 20000



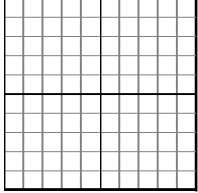
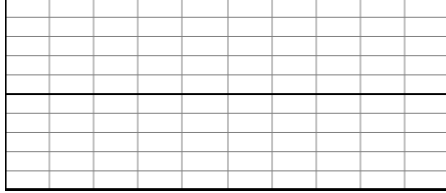
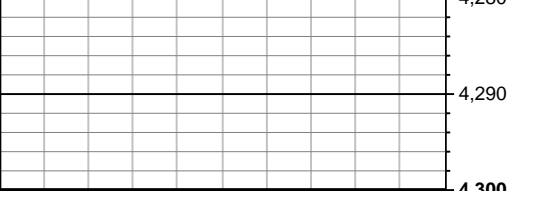


Dol: off wh, lt tn, tn, bf, fn -
 med xln, dns, mod hd -
 hd, sctd intrxn por, cln, no
 vis stn, nvfc

0 ROP (min/ft) 10
 0 GAMMA (units) 100
 0 GR (API) 400

0 GAS (units) 200
 0 C1-C4 (PPM) 20000

Thank You for using
 Hembros Hydrocarbons
 for your well log analysis
 needs!
 -Chris Spencer



Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
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<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

January 15, 2013

TINA MILLER
Dorado E&P Partners, LLC
1401 17th ST., STE 1500
DENVER, CO 80202

Re: ACO1
API 15-155-21614-00-00
Dealy SWD 2-31
NE/4 Sec.31-24S-09W
Reno County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
TINA MILLER