

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1096745  
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: \_\_\_\_\_

1096745

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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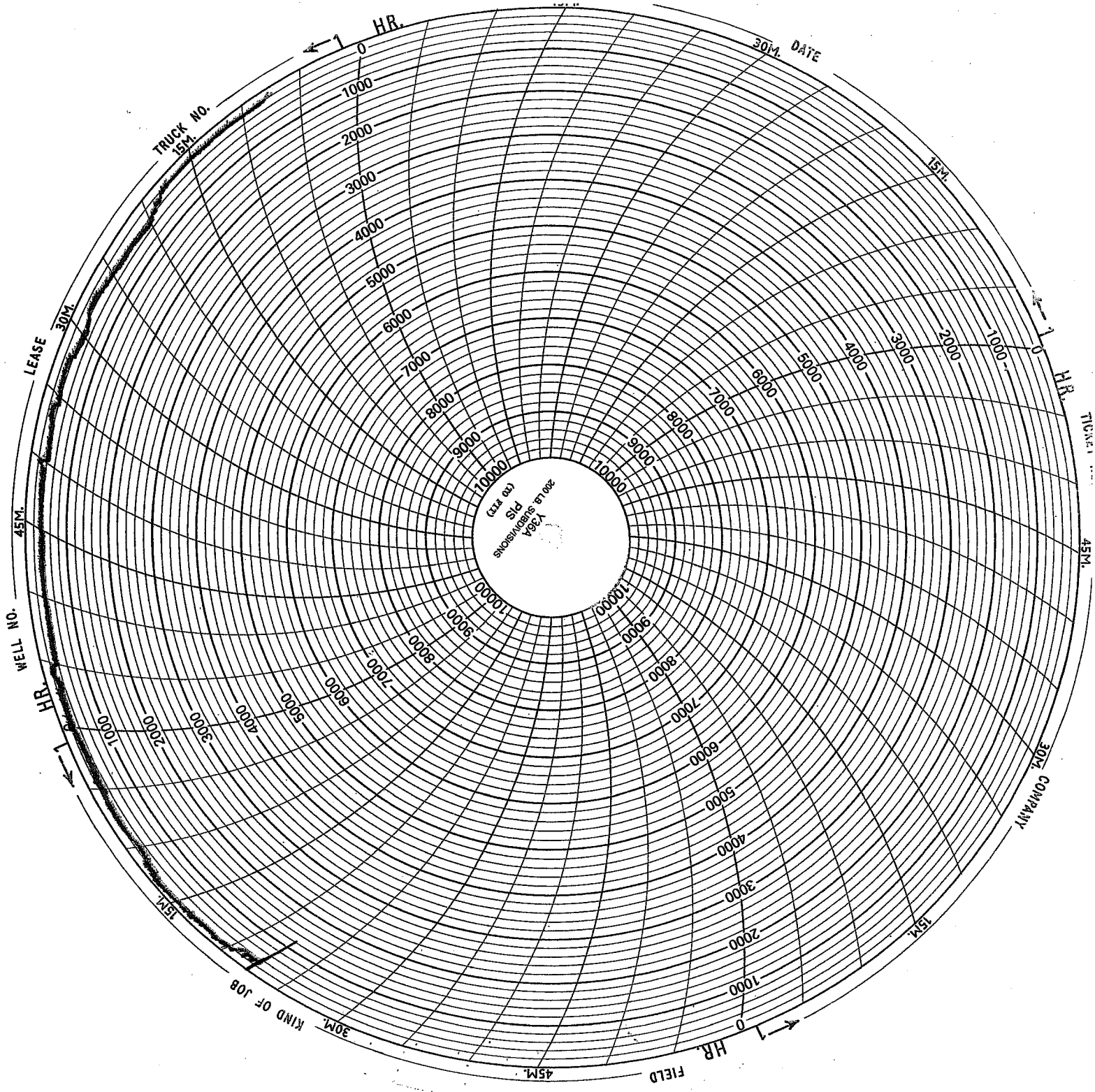
Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	Baughman Foundation 4-20
Doc ID	1096745

All Electric Logs Run

Compact Photo Density Compensated Neutron Log
Array Induction Shallow Focused Electric Log
Compensated Sonic w/Integrated Transit Time Log
Microresistivity Log
Sonic Cement Bond Log







6-28-12  
 Steibar  
 Baughman Foundation #4-20  
 8 5/8" surf csg



# Cement Report

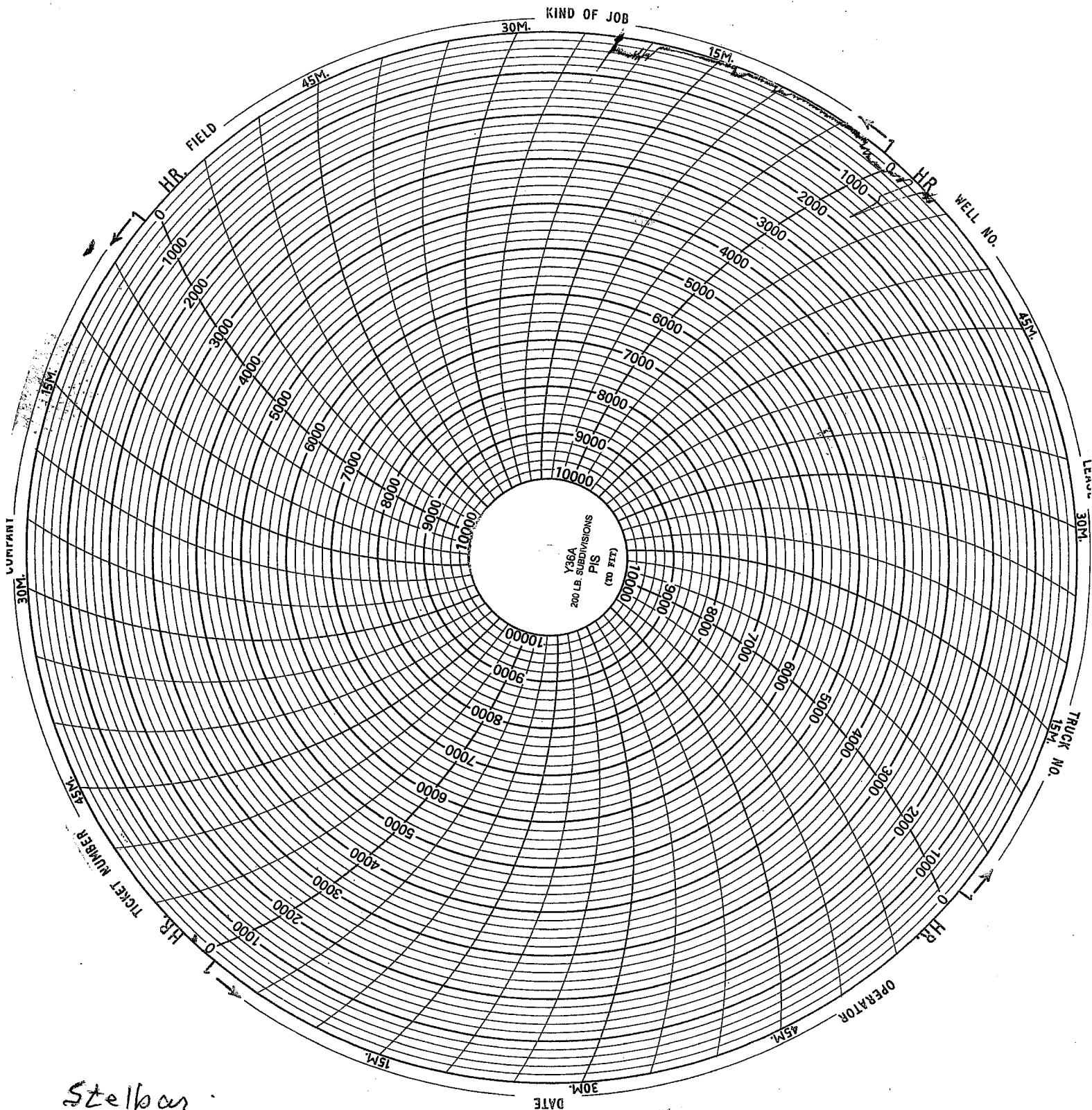
Customer <i>Stelbar</i>	Lease No.	Date <i>7-4-12</i>
Lease <i>Baighman Foundation</i>	Well # <i>4-20</i>	Service Receipt <i>02793</i>
Casing <i>4 1/2</i>	Depth <i>4530</i>	County <i>Stanton</i> State <i>KS</i>
Job Type <i>242 Long String</i>	Formation	Legal Description <i>20-29-41</i>

Pipe Data		Perforating Data		Cement Data
Casing size <i>4 1/2 10.5</i>	Tubing Size	Shots/Ft		Lead
Depth <i>4530</i>	Depth <i>5530</i>	From	To	Tail in <i>2755k AA 2</i> <i>1.57 FFSK</i> <i>6.6366 SK 14.8#</i>
Volume <i>8765</i>	Volume	From	To	
Max Press <i>200</i>	Max Press	From	To	
Well Connection <i>4 1/2</i>	Annulus Vol.	From	To	
Plug Depth <i>4490</i>	Packer Depth <i>5490</i>	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>530</i>					<i>Arrive On Location</i>
<i>700</i>					<i>Safety Meeting - Rig Up</i>
<i>800</i>					<i>Rig Runny Casing</i>
<i>1000</i>					<i>Circulate w/ Rig</i>
<i>1100</i>					<i>Hook up to TSES</i>
<i>1105</i>	<i>1500</i>		<i>1.0</i>	<i>1.0</i>	<i>Pressure Test</i>
<i>1110</i>	<i>250</i>		<i>5</i>	<i>4.0</i>	<i>Pump Water Spacer</i>
<i>1115</i>	<i>250</i>		<i>12</i>	<i>4.0</i>	<i>Pump Super Flush</i>
<i>1118</i>	<i>200</i>		<i>5</i>	<i>4.0</i>	<i>Pump Water Spacer</i>
<i>1120</i>	<i>150</i>		<i>60</i>	<i>5.5</i>	<i>Pump out @ 14.8#</i>
<i>1135</i>					<i>Drop Plug - Wash Up</i>
<i>1140</i>	<i>300</i>		<i>78</i>	<i>6.5</i>	<i>Displace</i>
<i>1155</i>	<i>700</i>		<i>10</i>	<i>2.5</i>	<i>Stop Pump - Displace</i>
<i>1200</i>	<i>1200</i>		<i>1</i>	<i>1</i>	<i>Land Plug - Float Held</i>
<i>1245</i>					<i>Job Complete</i>
					<i>Plus Rat &amp; Mouse Holes</i>
					<i>Thanks For Using Basic Energy Services</i>

Service Units	<i>19820</i>	<i>27462</i>	<i>30464-37547</i>		
Driver Names	<i>J. Chvez</i>	<i>Eddie</i>	<i>Sulian</i>		

Bill \_\_\_\_\_ Customer Representative  
 Tony Bent \_\_\_\_\_ Station Manager  
 Samuel Chvez \_\_\_\_\_ Cementer  
 Taylor Printing, Inc.



Stelbar:  
Baughman Foundation # 4-20  
4 1/2" Long string



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



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

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

Sam Brownback, Governor

October 15, 2012

William H. Blagrave  
Stelbar Oil Corporation, Inc.  
1625 N WATERFRONT PKWY  
WICHITA, KS 67206-6602

Re: ACO1  
API 15-187-21206-00-00  
Baughman Foundation 4-20  
NE/4 Sec.20-29S-41W  
Stanton 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,  
William H. Blagrave

**OPERATOR**

Company: STELBAR OIL CORPORATION, INC.  
 Address: 1625 N. WATERFRONT PARKWAY, #200  
 WICHITA, KS, 67206-6602

Contact Geologist: KENT SCRIBNER  
 Contact Phone Nbr: 316-264-8378  
 Well Name: BAUGHMAN FOUNDATION #4-20  
 Location: 1445' FNL, 1886' FEL, 20-T29S-R41W API: 15-187-21206-0000  
 Pool: OIL DEVELOPMENT Field: ARROYO  
 State: KS Country: STANTON

**Scale 1:240 Imperial**

Well Name: BAUGHMAN FOUNDATION #4-20  
 Surface Location: 1445' FNL, 1886' FEL, 20-T29S-R41W  
 Bottom Location:  
 API: 15-187-21206-0000  
 License Number:  
 Spud Date: 6/27/2012 Time: 10:00 AM  
 Region: SW KANSAS  
 Drilling Completed: 7/4/2012 Time: 12:00 AM  
 Surface Coordinates:  
 Bottom Hole Coordinates:  
 Ground Elevation: 3434.00ft  
 K.B. Elevation: 3447.00ft  
 Logged Interval: 4800.00ft To: 5540.00ft  
 Total Depth: 5540.00ft  
 Formation: MISSISSIPPIAN  
 Drilling Fluid Type: CHEMICAL

**ELEVATIONS**

K.B. Elevation: 3447.00ft Ground Elevation: 3434.00ft  
 K.B. to Ground: 13.00ft

**TOTAL DEPTH**

Measurement Type:	Measurement Depth:	TVD:
STRAP	5542.50	0.00
LOGGER	5544.00	0.00

**LOGGED BY**

Company: LARRY P. FRIEND  
 Address: 1639 BURNS  
 WICHITA, KS, 67203-2757  
 Phone Nbr: 316-265-2228  
 Logged By: Geologist Name:

**CONTRACTOR**

Contractor: STERLING DRILLING CO.  
 Rig #: 5  
 Rig Type: DOUBLE  
 Spud Date: 6/27/2012 Time: 10:00 AM  
 TD Date: 7/4/2012 Time: 12:00 AM  
 Rig Release: Time:

**CASING SUMMARY**

	Surface	Intermediate	Main		
Bit Size	12.25 in		7.88 in		
Hole Size	12.25 in		7.88 in		
	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8.625 in	1630 ft	24#	39	
Int Casing					
Prod Casing	4.5 in	5538 ft	10.5#	130	










**CASING SEQUENCE**

Type	Hole Size	Casing Size	At
	0.00 in	0.00	0.00 ft

**Formation Depths**

FORMATION DEPTHS	SAMPLE	LOG	COMPARISON TO: STELBAR OIL CORP. #2-20 BAUGHMAN NE-NW-NE, 20-29-41W
ATOKA	4923 (-1476)	4926 (-1479)	FLAT
MORROW SHALE	5022 (-1575)	5027 (-1580)	+1
LW. MORROW MKR	5325 (-1878)	5328 (-1881)	FLAT
UP. KEYES SAND	5403 (-1956)	5407 (-1960)	-1
MISS. CHESTER	5430 (-1983)	5433 (-1986)	-4
MISS. ST. GEN.	5441 (-1994)	5445 (-1998)	+10

**ROCK TYPES**

 Coal	 Lmst fw7>	 Shgy	 Slst	 CglSandy
 Lmst fw<7	 Ss	 Shblk	 CglPebble	

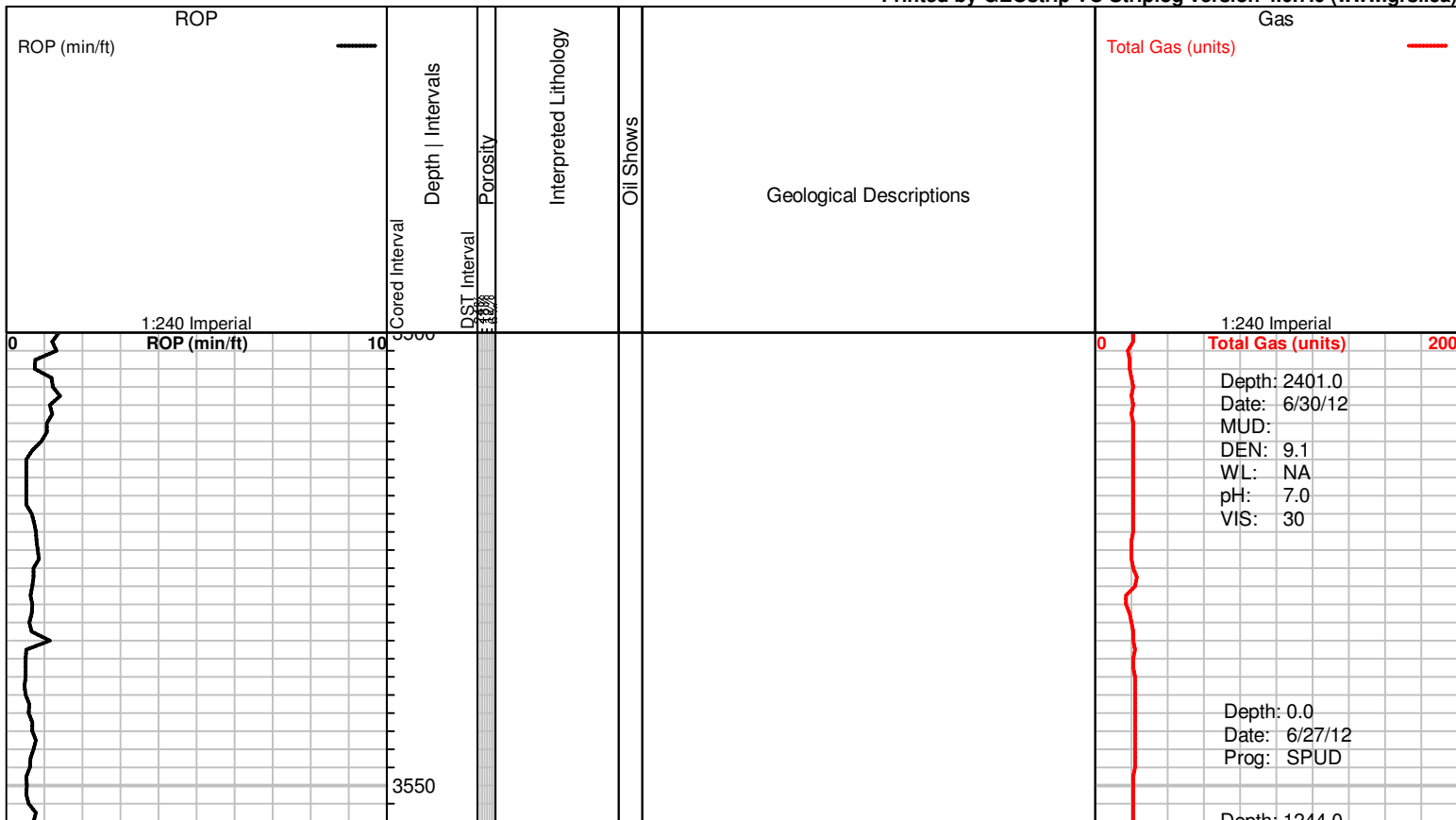
**ACCESSORIES**

MINERAL	FOSSIL
⊥ Calcareous	◊ Oolites
* Sandy	
.. Silty	
⊕ Ls gn	

**OTHER SYMBOLS**

- OIL SHOWS**
- Even Stn
  - Spotted Stn 50 - 75 %
  - Spotted Stn 25 - 50 %
  - Spotted Stn 1 - 25 %
  - Questionable Stn
  - Dead Oil Stn
  - Fluorescence

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

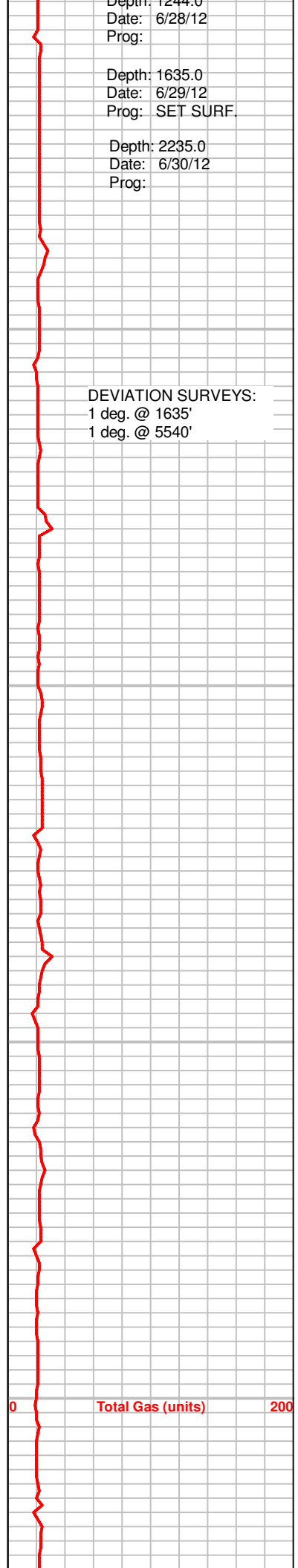
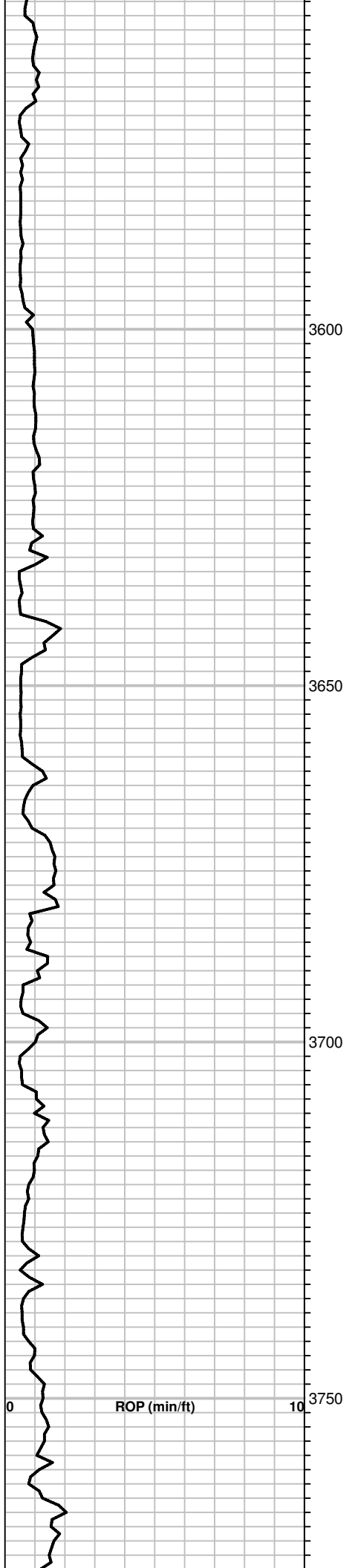


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Date: 6/28/12  
Prog:

Depth: 1635.0  
Date: 6/29/12  
Prog: SET SURF.

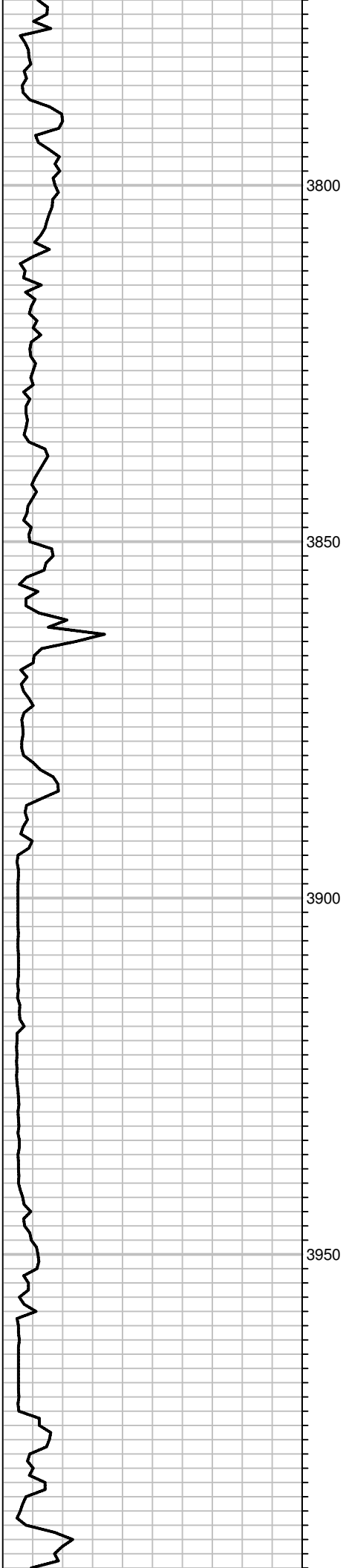
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Date: 6/30/12  
Prog:

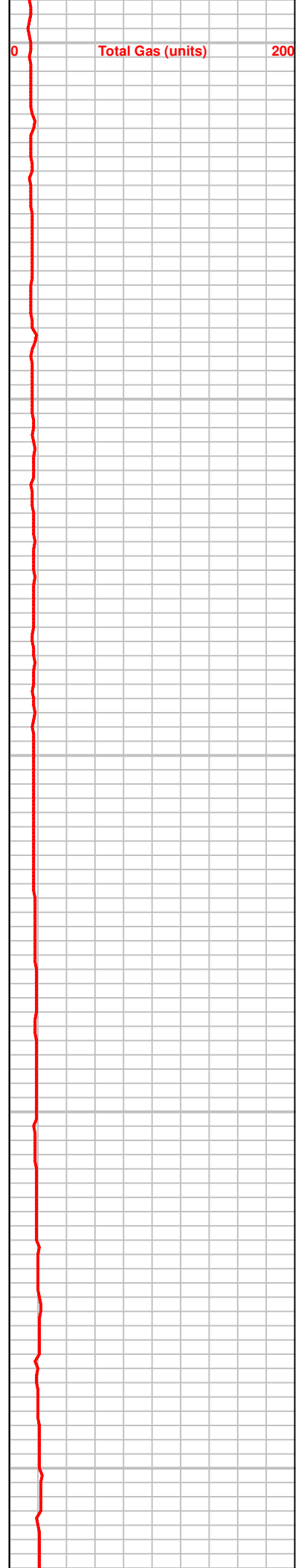
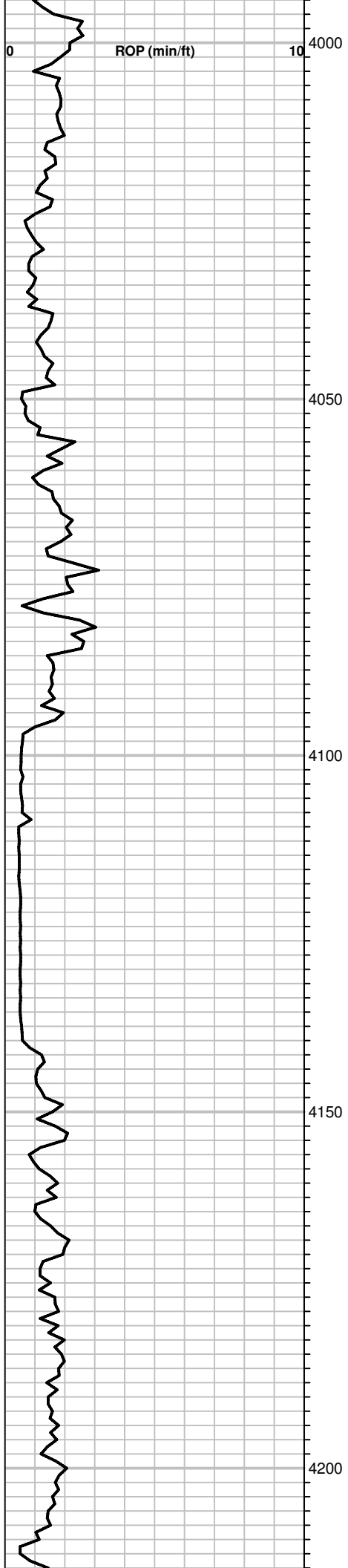
DEVIATION SURVEYS:  
1 deg. @ 1635'  
1 deg. @ 5540'

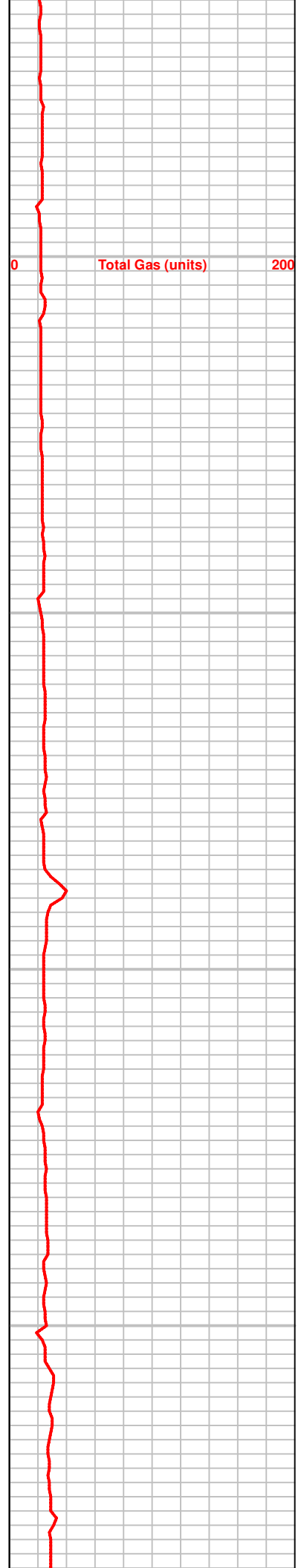
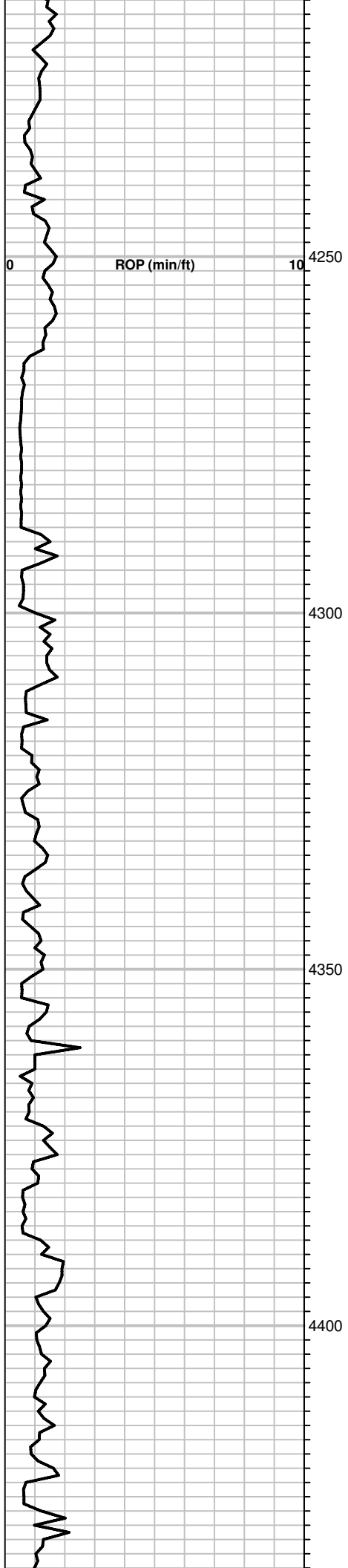


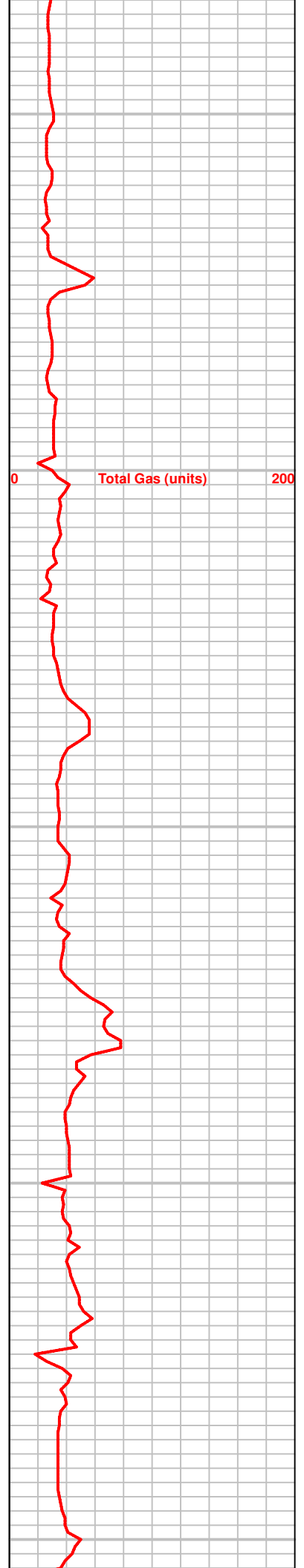
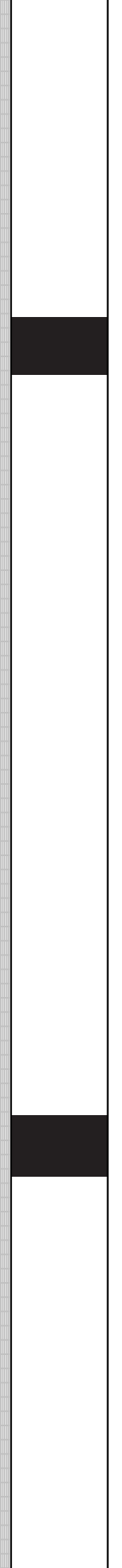
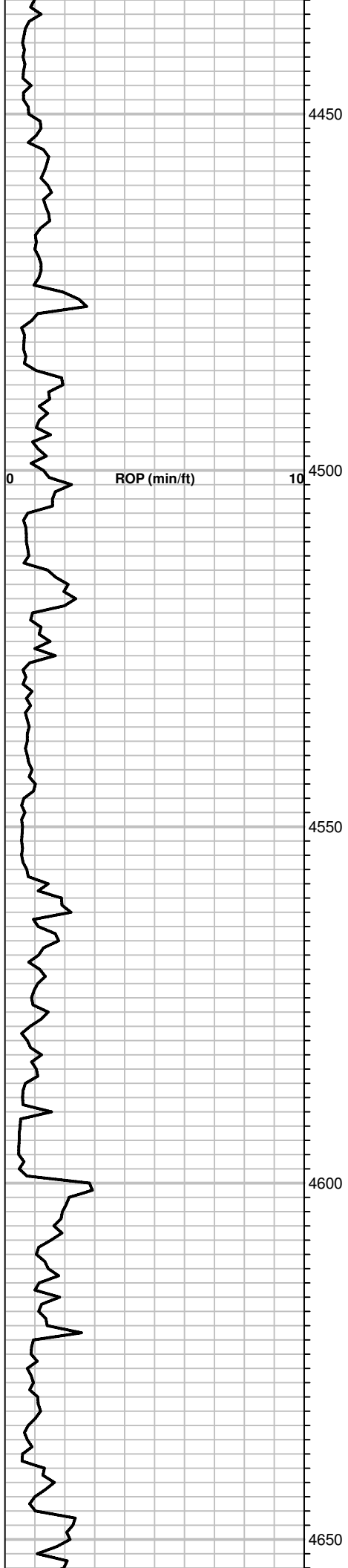
Depth: 3780.0  
Date: 7/1/12  
Prog:

Depth: 3821.0  
Date: 7/1/12  
MUD:  
DEN: 9.2  
WL: 8.0  
pH: 10.5  
VIS: 44

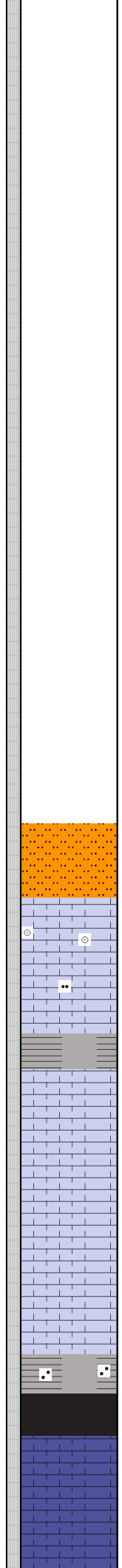
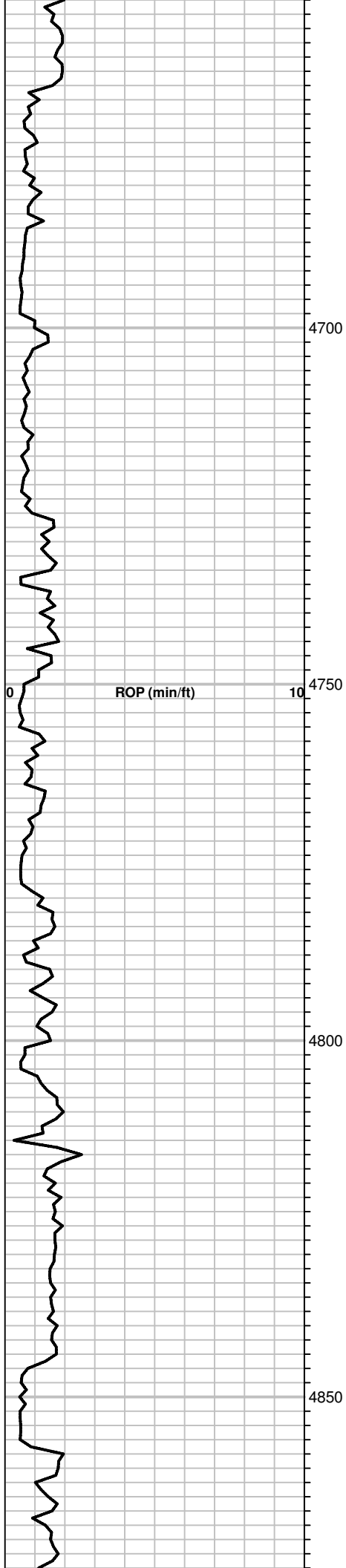












100: GRY, LMY SILTSTONE.

10: LS, TAN, FXLN, V. FOSS / OOL? W/ PR - TR. FR. XLN. POR; NS

20: DK. GRY, SHALE, SOME LMY/SILTY; LS, CRM-BRN, FXLN; NS

30: LS, CRM - DIRTY, DK. BRN, SOME FOSS, PR - TR. FR. XLN. POR; NS

40: LS, DK. BRN, FXLN, FOSS, PR. POR; SHALE, BLK; NS

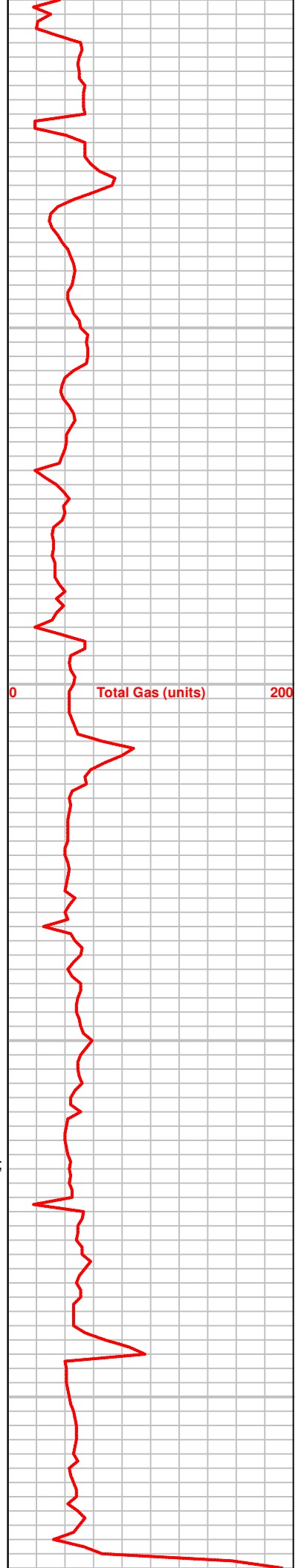
50: LS, AS ABV, SLI. FOSS, PR - FR. XLN. POR; NS

60 & 70: LS, BRN, VFXLN, DSE TO SLI. WEATH; NS

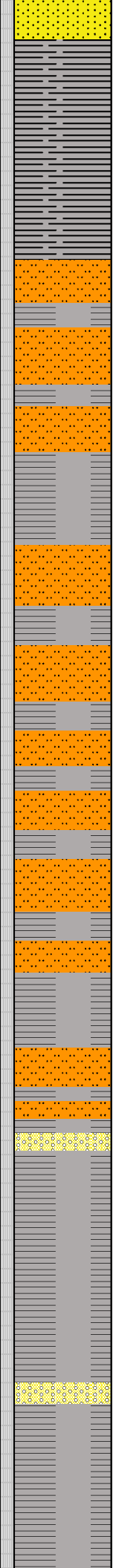
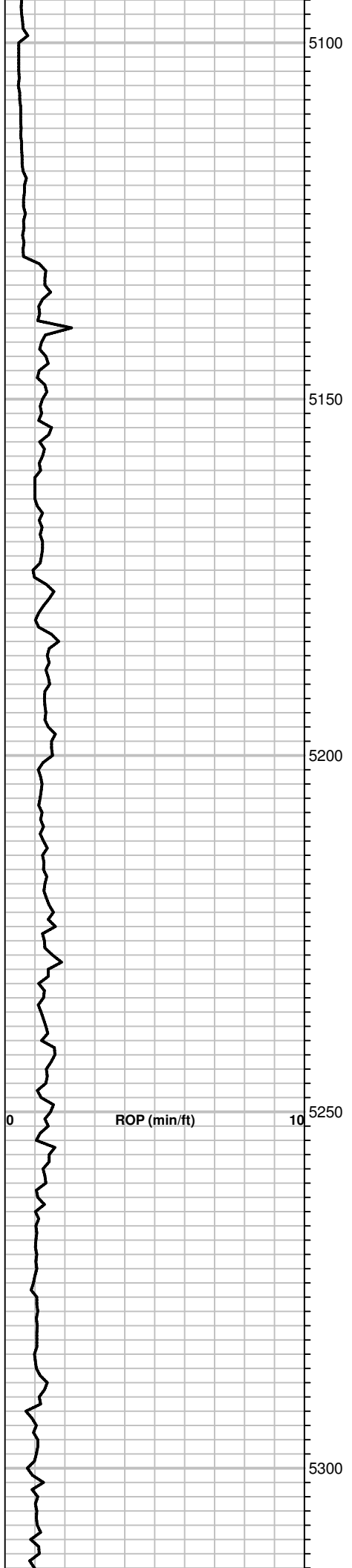
80: SHALE, BLK, SLI. PYRITIC.

90: LS, BRN, VFXLN, DSE TO SOME CRM, WEATH; NS

100: LS, AS ABV & TR. SOFT, LMY SST; NS







SLI. GLAUC. FR. - GD. POR, TR. DK. CARB, SPKS; SHALE, GRY-BLK; NS, NO FLUOR, NO CUT.

70: SHALE, GRY, BLK, TR. LMY.

80 & 90: SHALE, GRY, BLK.

100 & 10: GRY SILTSTONE, TITE; SHALE, GRY, BLK.

20: SHALE, GRY.

30: SOME GRY, TITE SILTSTONE; AND SHALE, GRY.

40 & 50: GRY, SHLY. SILTSTONE AND SHALE, GRY.

60: TR. BRN, CALC., SILTY SHALE AND GRY SHALE.

70 & 80: SM. AMT. GRY, TITE SILTSTONE AND SHALE, GRY & BLK.

90: TR. TITE, GRY, SILTSTONE AND GRY. SHALE.

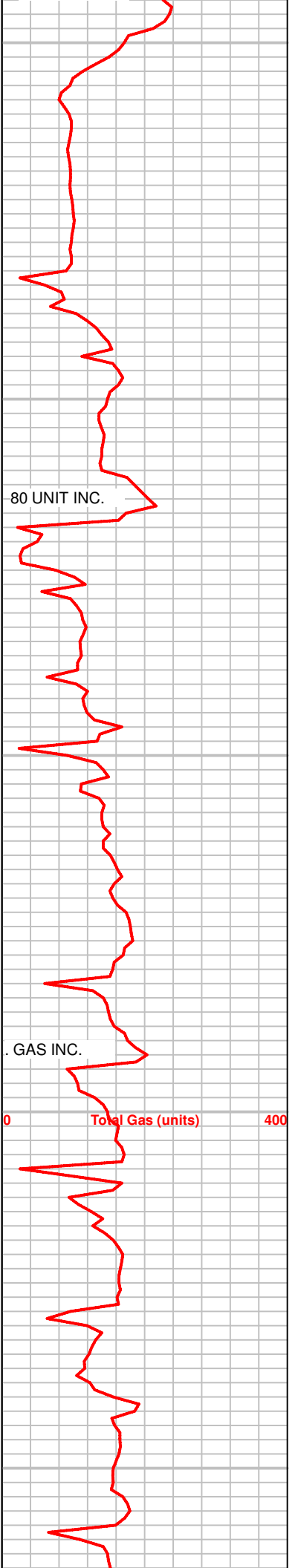
100: AS ABOVE.

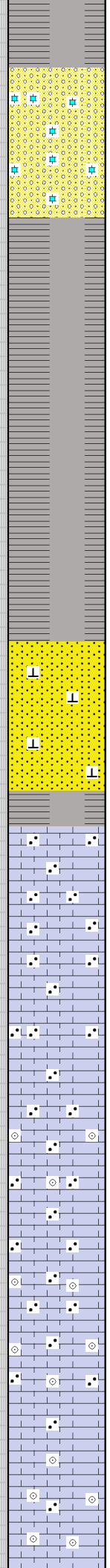
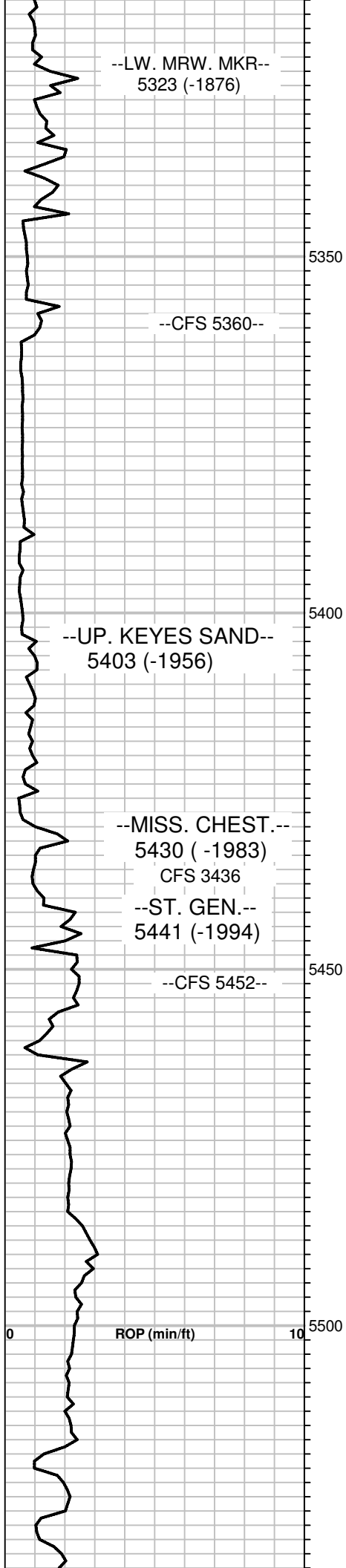
10: TR. CSE, QTZ. GRNS, TITELY CEM. W/ LMY. CEM; NS

20: SHALE, LT-DK. GRY AND TR. SILTSTONE.

30: SHALE, AS ABOVE.

40: SHALE, GRY-BLK; TR. QTZ. SST. AS ABOVE; NS.





50 & 60: SM. AMT. CONG. SST, FN-CSE, CLR-FROST, ANG-SBANG, SLI. GLAUC, FEW LS. GRNS INTERMIXED, TITE--FRIABLE, W/ PR - LIT. FR. POR; NS, NO FLUOR, NO CUT.

60 CIRC: SHALE, GRY, TR. BLK.

SHALE, GRY.

CIRC 15": SST, FN-MD, FRLY WELL SORT., CLR, SBANG, GLAUC, SOME CALC. CEM, FRIAB, W/ PR -GD. INTER-GRAN. POR; SEV. PCS. W/ SSFO & G (V. LT. OIL), PR. SPTY, LT. TAN SAT. STN, SLI. ODOR

40" CIRC: FLOOD GRY, LMY SILTSTONE & TR. TAN, ARENACEOUS LS W/ FR. XLN. POR; NS

52 CIRC: V. ARENACEOUS LS, TAN - MAROON PR - FR. XLN. POR; NS, NO FLUOR.

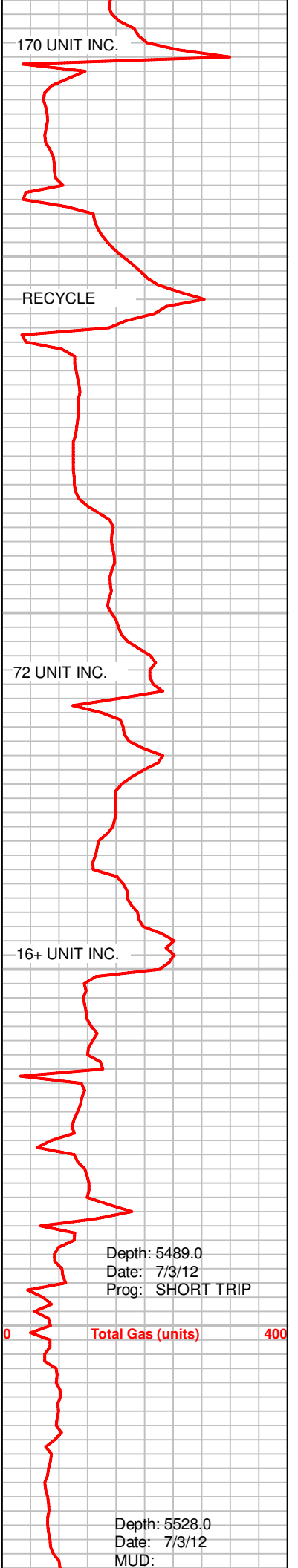
80 & 90: LS, TAN, ARENACEOUS, TR. MICRO-OOLITES, SOME FR-GD. XLN. POR; NS

100: LS, AS ABV AND LS, CRM-TAN, MICRO-OOLITIC W/ PR. - FR. XLN. POR; NS

10-30: MOSTLY LS, TAN ARENACEOUS, W/ FR. - GD. APPAR. XLN. POR; NS

40: SM. AMT. LS, TAN, FXLN, MICRO-OOLITIC, AREN., W/ FR. XLN. POR; NS

40 CIRC: LS, CRM-TAN, FXLN, V. OOLITIC / FOSS., SLI. CHLKY, SOFT; AND LS, AS ABOVE; NS



Depth: 5489.0  
 Date: 7/3/12  
 Prog: SHORT TRIP

**Total Gas (units) 400**

Depth: 5528.0  
 Date: 7/3/12  
 MUD:

RTD 5540  
LTD 5544

5550



DEN: 9.2  
WL: 7.2  
pH: 10  
VIS: 51

Depth: 5540.0  
Date: 7/4/12  
Prog: RTD