

Confidentiality Requested:

Yes  No

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

**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

Gas  DH  EOR

OG  GSW

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 EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Recompletion Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or Recompletion Date \_\_\_\_\_

API No.: \_\_\_\_\_

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  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
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> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	James P. Williams Enterprises, Inc.
Well Name	WEBSTER 1
Doc ID	1524007

All Electric Logs Run

Cement Bond Log
Compensated Density Neutron Log
Dual Induction Log
Radiation Guard Log
Micro Resistivity Log

Form	ACO1 - Well Completion
Operator	James P. Williams Enterprises, Inc.
Well Name	WEBSTER 1
Doc ID	1524007

Tops

Name	Top	Datum
Anhydrite	1565	+641
Base of Anhydrite	1599	+607
Topeka	3140	-934
Heebner	3349	-1143
Toronto	3368	-1162
Lansing	3388	-1182
BKC	3606	-1400
Simpson	3675	-1469
Arbuckle	3712	-1506
TD	3770	-1562



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071

Home Office P.O. Box 32 Russell, KS 67665

No. 2027

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
6/6/2020	34	9	19	Rooks	Kansas		4:45 pm
				Location Zurich 15 1/2 E Ninto			

Lease	Well No. #	Owner	
Webster	# 1	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Contractor	Type Job	Charge To	
Discovery #4	Surface	James P Williams	
Hole Size	T.D.	Street	
12 1/4	222		
Csg.	Depth	City	
8 5/8	221.5	State	
Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
		Cement Amount Ordered 150 <sup>50</sup> / <sub>20</sub> 3% cc 2% gel	
Cement Left in Csg.	Shoe Joint		
15 ft	15 ft		
Meas Line	Displace		
	13 bbl		

<b>EQUIPMENT</b>		Common
Pumptrk	No.	120
20		
Bulktrk	No.	Poz. Mix
15		30
Bulktrk	No.	Gel.
P.W.		3
		Calcium
		6

<b>JOB SERVICES &amp; REMARKS</b>		Hulls
Remarks:		Salt
Rat Hole		Flowseal
Mouse Hole		Kol-Seal
Centralizers		Mud CLR 48
Baskets		CFL-117 or CD110 CAF 38
D/V or Port Collar		Sand

Cement did Circulate to cellar

<b>FLOAT EQUIPMENT</b>	
Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge	Surface
Mileage	35

Signature	Tax
John Jordan	
	Discount
	Total Charge

Thanks

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 1351

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
6/11/2020	34	9	19	Rooks	Kansas		1100pm
				Location Zurich 15 1/2 E Ninto			

Lease Webster	Well No. #1	Owner
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Contractor Discovery #4	Bottom Stage	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
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Type Job DV Job		Charge To James P Williams
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Hole Size 7 7/8	T.D. 3770	Street
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Csg. 5 1/2 17#	Depth 3766	City State
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Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
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Tool DV tool #43	Depth 2037 to 2032 <sup>2028 as per James</sup>	
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Cement Left in Csg. 19.78	Shoe Joint 19.78	Cement Amount Ordered 200 com 10% salt 5% gilsonite
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Meas Line	Displace 878L	500 gal mud flush
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EQUIPMENT		Common 200
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Pumptrk 20 No.	Cementer Helper Tim Craig David	Poz. Mix
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Bulktrk 21 No.	Driver Phyllis Doug	Gel.
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Bulktrk #15 No.	Driver Lane	Calcium
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JOB SERVICES & REMARKS		Hulls
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Remarks:	Salt 17
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Rat Hole	Flowseal
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Mouse Hole	Kol-Seal 1000#
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Centralizers	Mud CLR 48 500 gal
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Baskets	CFL-117 or CD110 CAF 38
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D/V or Port Collar	Sand
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5 1/2 set at 3766. Insert at 3746	Handling 227
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est. Circulation pumped 106L mud flush	Mileage
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106L water spacer	FLOAT EQUIPMENT 5 1/2
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Cement 5 1/2 with 200sks 10% salt	Guide Shoe
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5% gilsonite cleared Lines and	Centralizer 12
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displaced plug. Displaced with	Baskets 4
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45bl water 36 BL mud 66 bl water	AFU Inserts DV Tool
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Plug landed at 1500'	Float Shoe 1
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Lifr pressure at 780'	Latch Down 1
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Dropped dart opened DV Tool circulated	
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30 min.	Pumptrk Charge prod string Bottom Stage
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	Mileage 35
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	Tax
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	Discount
--	----------

X Signature	Total Charge
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THANKS  
/s/

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1352

Date	Sec.	Twp.	Range	County	State	On Location	Finish
6/11/2020	34	9	19	Rooks	Kansas		2:30pm

Location Zurich 15 1/2 E N into

Lease <u>Webster</u>	Well No. <u>#1</u>	Owner
Contractor <u>Discovery #4</u>	<u>Top Stage</u>	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Type Job <u>DV Job</u>		Charge To <u>James P Williams</u>
Hole Size <u>7 7/8</u>	T.D. <u>3770</u>	Street
Csg. <u>5 1/2</u>	Depth <u>3766</u>	City
Tbg. Size	Depth	State
Tool <u>DV Tool #43</u>	Depth <del>2037</del> <u>2028 to 2032</u>	City <u>as per James</u>
Cement Left in Csg.	Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered	<u>350 9/20 Q.M.D.C 1/4 # flow</u>
Meas Line	Displace <u>47 1/2 bl</u>

EQUIPMENT			
Pumptrk <u>20</u>	No.	Cementer <u>Craig</u>	<u>David</u>
		Helper <u>Tim</u>	
Bulktrk <u>21</u>	No.	Driver <del>Tim</del>	<u>Doug</u>
		Driver <del>Tim</del>	
Bulktrk <u>15</u>	No.	Driver <u>Lane</u>	
		Driver <u>Lane</u>	

JOB SERVICES & REMARKS	
Remarks:	Hulls
Rat Hole <u>30 sks</u>	Salt
Mouse Hole <u>15 sks</u>	Flowseal <u>87 #</u>
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
<u>plug rat and mouse hole</u>	Sand
<u>Cement 5 1/2 with 305 sks</u>	Handling <u>350</u>
<u>Clear Lines and displaced plug</u>	Mileage
<u>Plug landed at 1500psi</u>	

FLOAT EQUIPMENT	
	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

<u>Cement Did Circulate</u>	Pumptrk Charge <u>prod string</u>	<u>Top Stage</u>
	Mileage <u>35</u>	

X Signature <u>John Lusher</u>	Tax
	Discount
	Total Charge

Thanks  
J





# Geologic Report

## Drilling Time and Sample Log

Operator <b>James P. Williams Enterprises, Inc.</b>			Elevation KB <b>2206'</b>	
Lease <b>Webster</b>		No. <b>1</b>	DF	<b>2198'</b>
API # <b>15-163-24413-0000</b>			Casing Record Surface <b>8 5/8" @ 222'</b>	
Field <b>Zurich Townsite South</b>			Production <b>5 1/2" @ 3766'</b> D/V @ <del>2050'</del> <b>2028'</b> <del>+2032'</del>	
Location <b>1548' FSL &amp; 2253' FEL</b>			Electrical Surveys CNL/CDL, DIL, MEL	
Sec. <b>34</b>	Twp. <b>9s</b>	Rge. <b>19w</b>		
County <b>Rooks</b>	State <b>Kansas</b>			
Formation	Sample tops	Log Tops	Datum	Struct Comp
<b>Anhydrite</b>	<b>1571'</b>	<b>1565'</b>	<b>+641</b>	<b>+7</b>
<b>Base</b>	<b>1603'</b>	<b>1599'</b>	<b>+607</b>	<b>+7</b>
<b>Topeka</b>	<b>3142'</b>	<b>3140'</b>	<b>-934</b>	<b>+8</b>
<b>Heebner</b>	<b>3352'</b>	<b>3349'</b>	<b>-1143</b>	<b>+9</b>
<b>Toronto</b>	<b>3371'</b>	<b>3368'</b>	<b>-1162</b>	<b>+8</b>
<b>Lansing</b>	<b>3391'</b>	<b>3388'</b>	<b>-1182</b>	<b>+9</b>
<b>BKC</b>	<b>3609'</b>	<b>3606'</b>	<b>-1400</b>	<b>+9</b>
<b>Simpson</b>	<b>3676'</b>	<b>3675'</b>	<b>-1469</b>	<b>+19</b>
<b>Arbuckle</b>	<b>3716'</b>	<b>3712'</b>	<b>-1506</b>	<b>NA</b>
<b>Total Depth</b>	<b>3770'</b>	<b>3768'</b>	<b>-1562</b>	
Reference Well For Structural Comparison <b>Petroleum Inc. Webster D #1</b> SW NW SE Sec. 34 T9s R19w Rooks Co. Kansas				

Drilling Contractor		Discovery Drilling Co., Inc. Rig #4		
Commenced	6-5-2020	Completed		6-11-2020
Samples Saved From		3100'	To	RTD
Drilling Time Kept From		3000'	To	RTD
Samples Examined From		3100'	To	RTD
Geological Supervision From		3100'	To	RTD
Displacement	3000'			
Mud Type	Chemical			

### Summary and Recommendations

**The location for the Webster #1 was found via subsurface study. The new well ran structurally higher than expected via the survey. No Drill Stem Tests were conducted. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Webster #1 well.**

Respectfully Submitted,

Jason T Alm  
Hard Rock Consulting, Inc.

**ROCK TYPES**

 Dolprim	 Lmst fw7>	 shale, gry	 shale, red	 Siltst
 Dolsec	 shale, gm	 Carbon Sh	 Ss	

**ACCESSORIES**

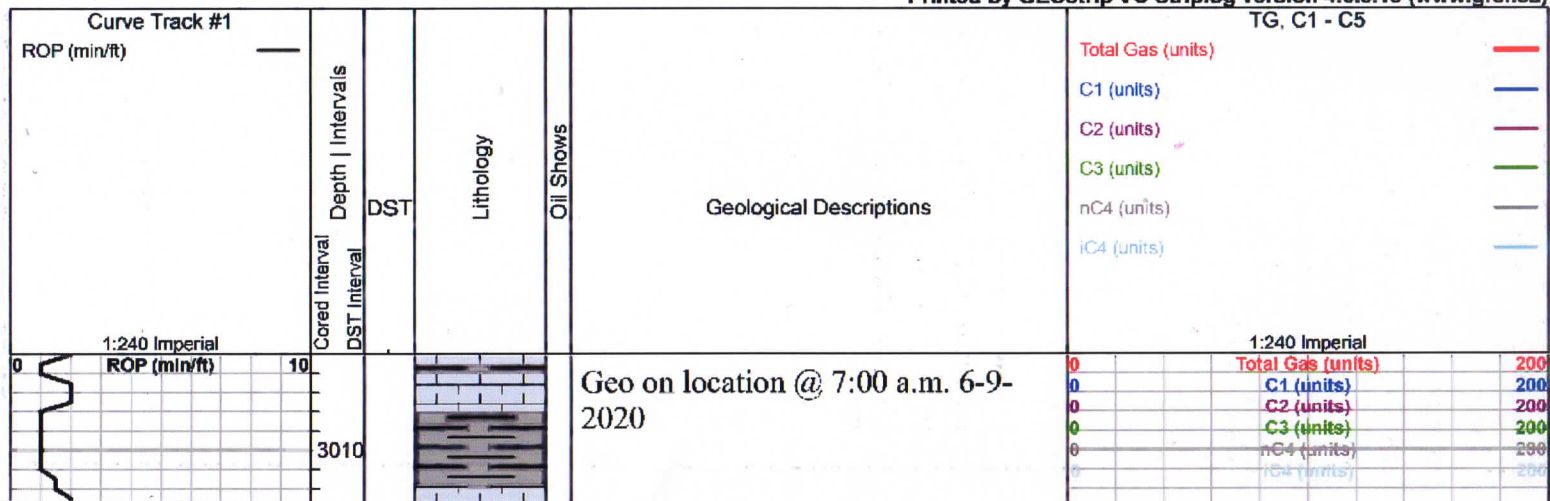
**STRINGER**

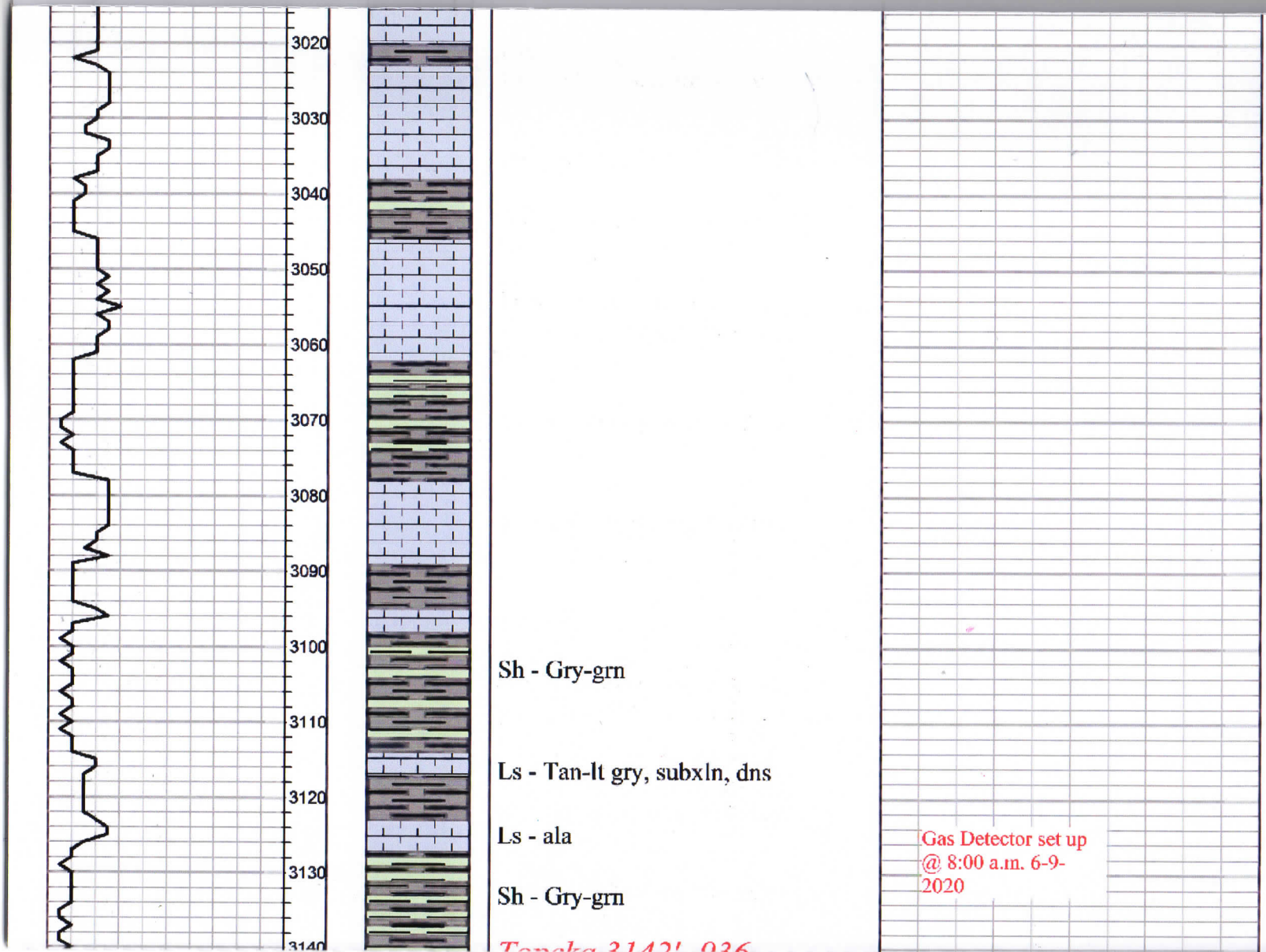
 Chert  
 Dolomite  
 Sandstone  
 Siltstone  
 green shale  
 red shale

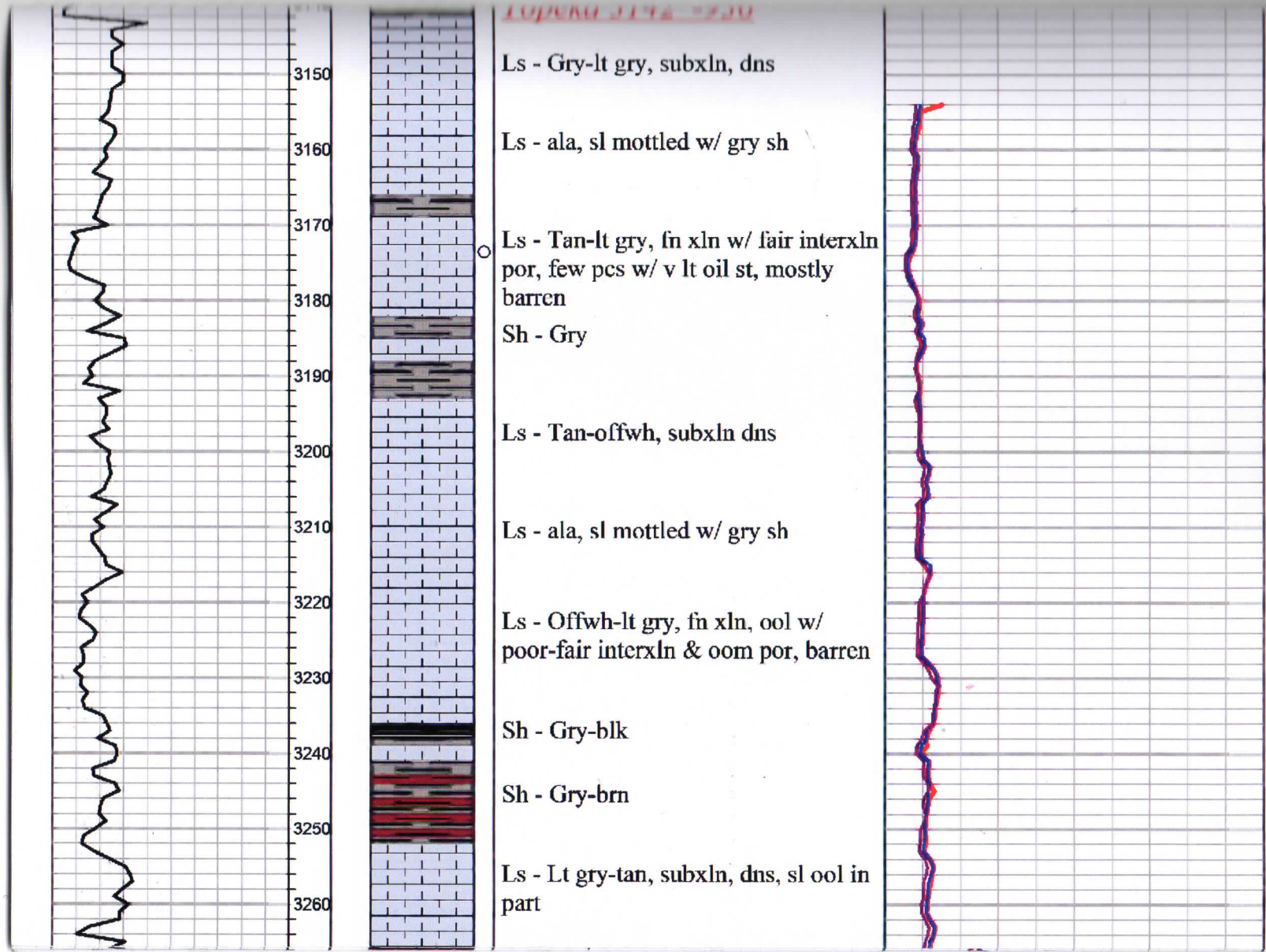
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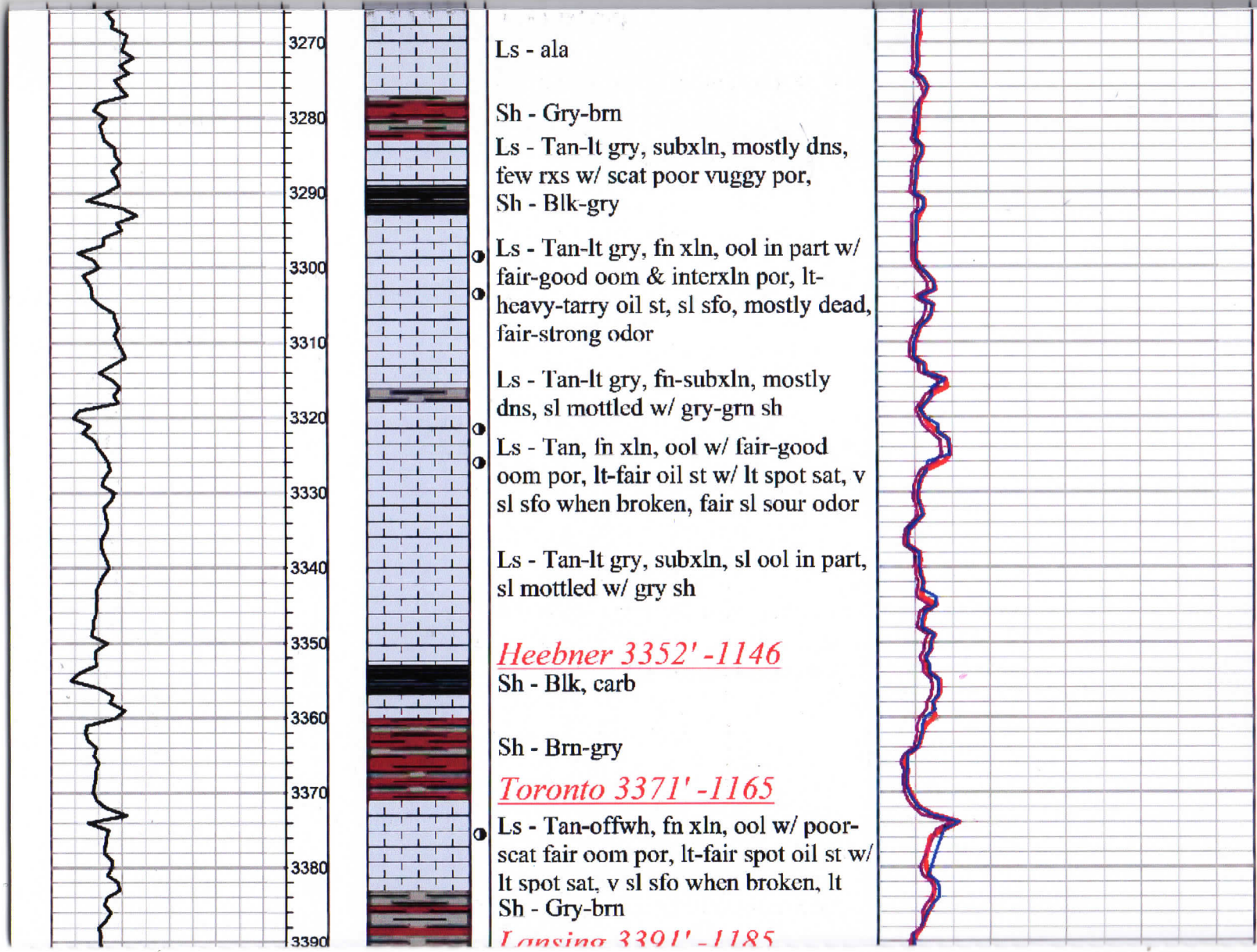
<p><b>OIL SHOWS</b></p> <p>● Even Stn                  ● Spotted Stn 50 - 75 %                  ● Spotted Stn 25 - 50 %                  ○ Spotted Stn 1 - 25 %                  ○ Questionable Stn                  D Dead Oil Stn                  ■ Fluorescence</p>	<p><b>DST</b></p> <p>■ DST Int                  ■ DST alt                  ■ Core                  ■ tail pipe</p>
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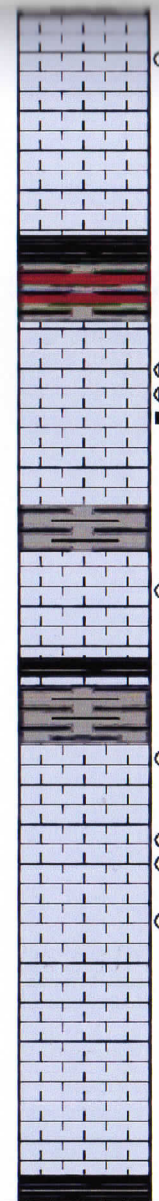
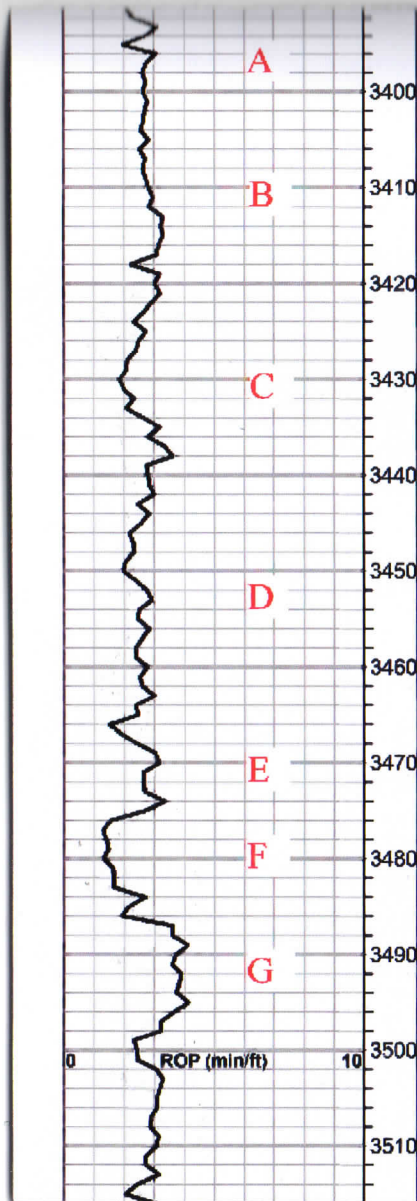
Printed by GEOstrip VC Striplog version 4.0.8.15 ([www.grsi.ca](http://www.grsi.ca))











Ls - Offwh-tan, fn xln, ool in part w/ poor-fair ooc & interxln por, lt-fair oil st, few rxs w/ lt spot sat, v sl sfo when broken, lt odor

Ls - ala, dns

Sh - Drk gry-gry-brn

Ls - Tan, fn xln, ool w/ fair oom & ooc por, lt-good oil st in por, lt spot sat, sl-fair sfo, good odor, bright yel fluor, good cut

Sh - Gry

Ls - Offwh, fn-subxln, ool pkst in part w/ poor-scat fair ooc por, lt spot oil st in por, nsfo, v lt odor, v dull

Sh - Blk-gry

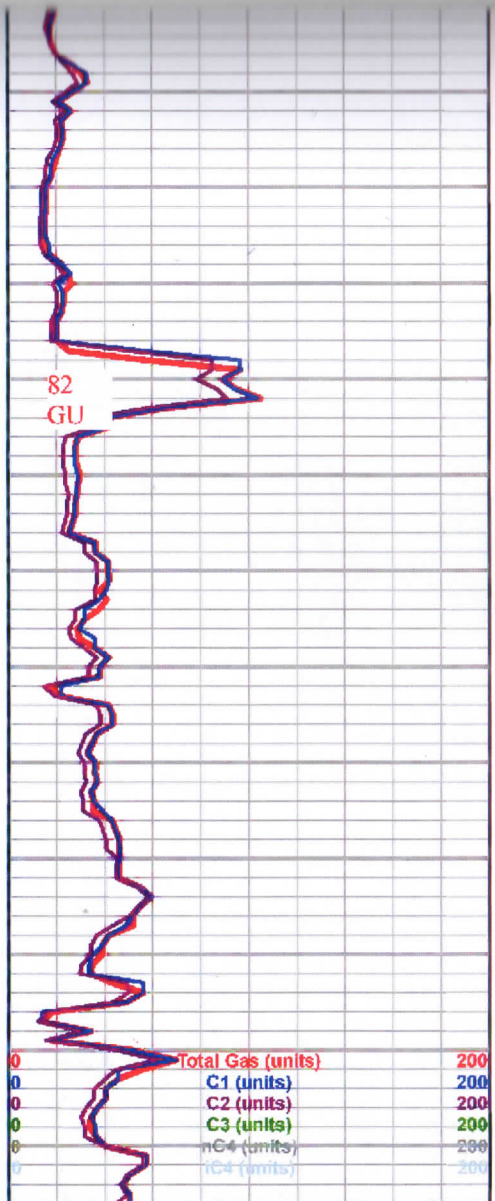
Ls - Tan, fn xln, sl ool w/ scat poor ooc & vuggy por, lt-scat fair spot oil st, v sl sfo, lt odor, dull yel flour

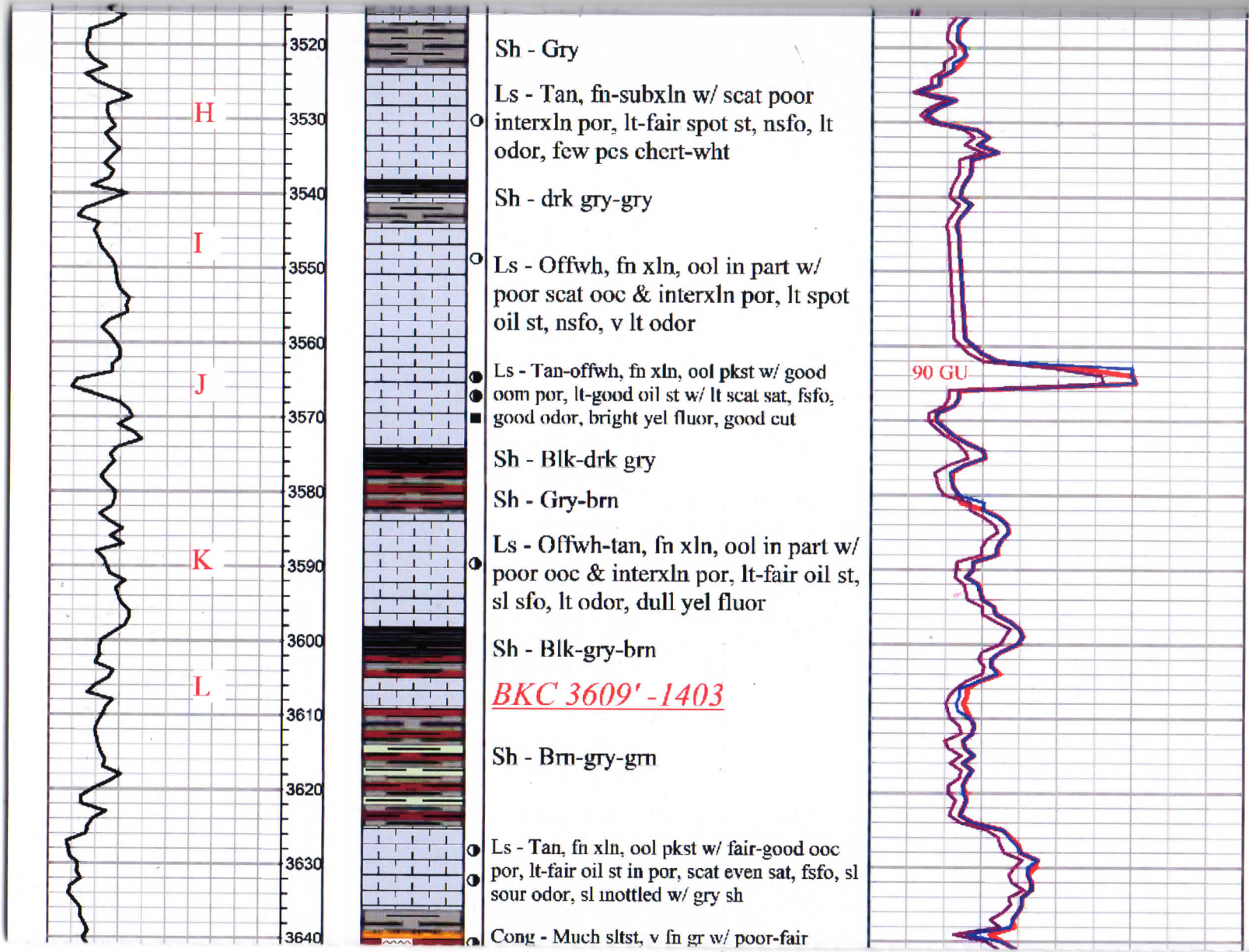
Ls - Tan-lt gry, fn xln, ool in part w/ fair-good vuggy & scat poor interxln por, lt-fair scat oil st, few rxs w/ lt sat, sl sfo, strong sour odor, dull scat yel fluor, chalky

Ls - Tan-offwh, fn-subxln, sl ool w/ scat poor-fair oom por, lt spot st, few rxs w/ v sl sfo when broken, mostly barren & dns, chert-wht-gry

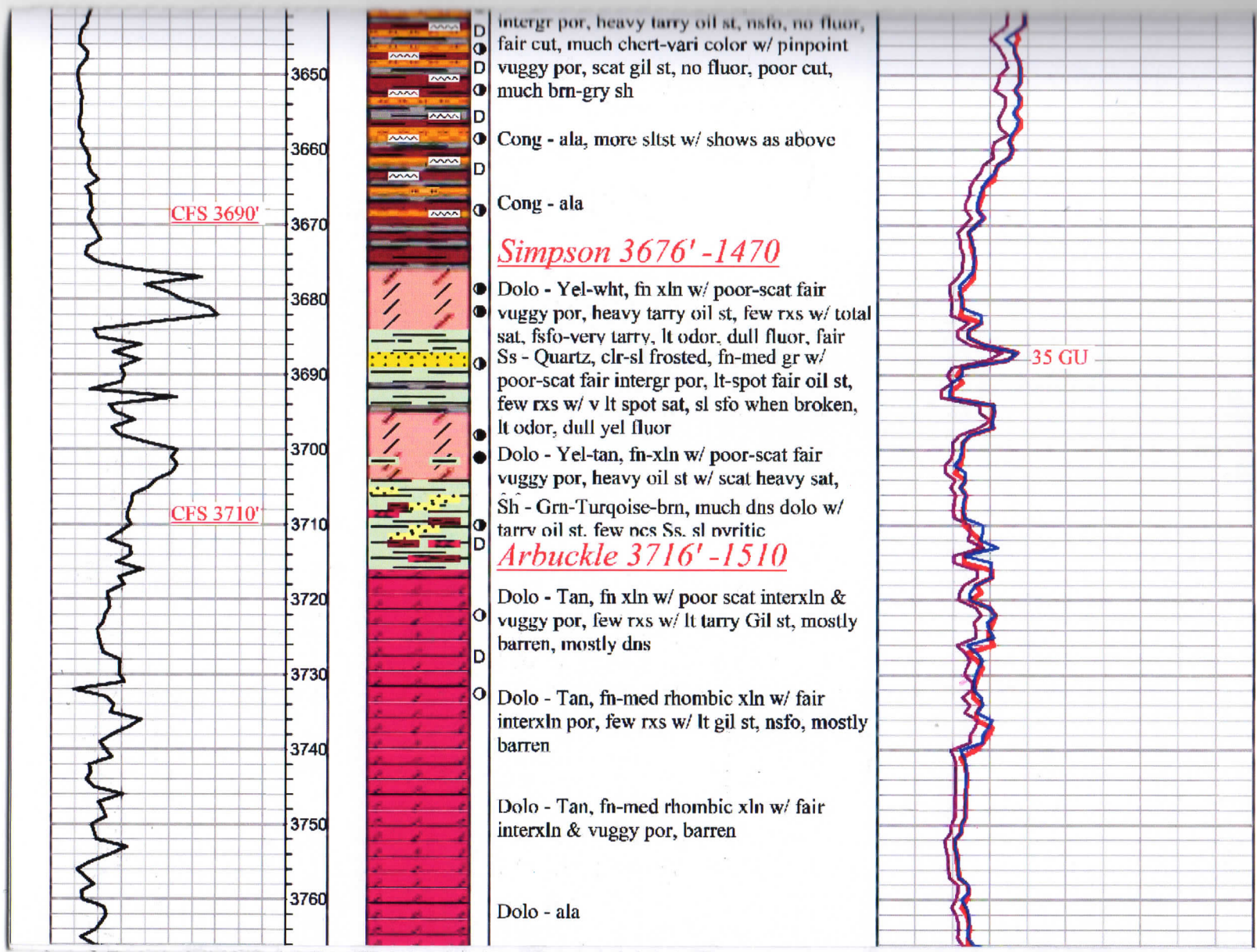
Ls - ala, scat poor oom por, barren

Sh - Blk, carb









intergr por, heavy tarry oil st, nsfo, no fluor,  
 fair cut, much chert-vari color w/ pinpoint  
 vuggy por, scat gil st, no fluor, poor cut,  
 much brn-gry sh

Cong - ala, more sltst w/ shows as above

Cong - ala

Simpson 3676' -1470

Dolo - Yel-wht, fn xln w/ poor-scat fair  
 vuggy por, heavy tarry oil st, few rxs w/ total  
 sat, fsfo-very tarry, lt odor, dull fluor, fair  
 Ss - Quartz, clr-sl frosted, fn-med gr w/  
 poor-scat fair intergr por, lt-spot fair oil st,  
 few rxs w/ v lt spot sat, sl sfo when broken,  
 lt odor, dull yel fluor

Dolo - Yel-tan, fn-xln w/ poor-scat fair  
 vuggy por, heavy oil st w/ scat heavy sat,  
 Sh - Grn-Turquoise-brn, much dns dolo w/  
 tarry oil st. few ncs Ss. sl nvrtric

Arbuckle 3716' -1510

Dolo - Tan, fn xln w/ poor scat interxln &  
 vuggy por, few rxs w/ lt tarry Gil st, mostly  
 barren, mostly dns

Dolo - Tan, fn-med rhombic xln w/ fair  
 interxln por, few rxs w/ lt gil st, nsfo, mostly  
 barren

Dolo - Tan, fn-med rhombic xln w/ fair  
 interxln & vuggy por, barren

Dolo - ala

CFS 3690'

CFS 3710'

35 GU

CFS 3770'	3770		<u>Total Depth 3770' -1564</u>	
	3780			
	3790			