

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 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](mailto: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) (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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## LOCATION AND LEGALS DATA

### WellSight Systems

Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: Markley 2  
API: 15-049-22624  
Location: NW SE SW SW S25-T30S-R9E  
License Number: 31119  
Spud Date: 4/29/21  
Surface Coordinates: 600' FSL, 980' FWL  
Region: Elk County, KS  
Drilling Completed: 5/1/21

Bottom Hole  
Coordinates:  
Ground Elevation (ft): 1221'      K.B. Elevation (ft): 1230'  
Logged Interval (ft): Surface To: 2576'      Total Depth (ft): 2581'  
Formation: Mississippi  
Type of Drilling Fluid: Chemical

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

### OPERATOR

Company: Lone Wolf Oil & Gas Co. LLC  
Address: PO BOX 241  
Moline, KS 67353

### GEOLOGIST

Name: Brandon Wolfe  
Company:  
Address: 1016 N Biddle St  
Moline, KS 67353

### CONTRACTOR


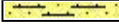

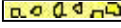










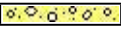






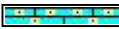


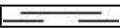


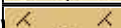

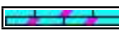
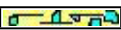



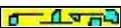
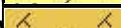
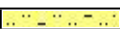






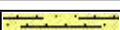
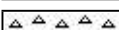
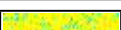
C&G Drilling Inc. 701 E River St. Eureka, KS 67045-2100

### COMMENTS

5 1/2" Casing was ran to 2370' and cemented in place w/100 sacks to futher evaluate the Mississippi Formation

<u>Formation</u>	<u>Sample Tops</u>	<u>Log Tops</u>
latan	1033' (+197)	1028' (+202)
Lansing	1100' (+130)	1094' (+136)
Bonner Springs	1334' (-104)	1328' (-98)
lola	1463' (-233)	1458' (-228)
Layton Sd	1483' (-253)	1477' (-247)
Kansas City	1574' (-344)	1566' (-336)
Doods Creek	1632' (-402)	1626' (-396)
B/ Kansas City	1730' (-500)	1723' (-493)
Lenapah	1778' (-548)	1771' (-541)
Altamont	1834' (-604)	1827' (-597)
Pawnee	1924' (-694)	1918' (-688)
Fort Scott	1980' (-750)	1972' (-742)
Cherokee	2018' (-782)	2012' (-776)
Mississippi Chert	2286' (-1056)	2280' (-1050)
Mississippi Lime	2295' (-1065)	2289' (-1059)

### ROCK TYPES

	Anhydrite		Shaly_ss_ii		Cherty_dolo		Qtz_wash
	Arkose		Sandstone		Dolomite		Qtz_wash_ii
	Ark_shale		Shaly_limy_ss		Limy_dolo		Argil_qtz_wash
	Granite		Washy_limy_ss		Cement		Ark_qtz_wash
	Coal		Limy_ss		Carb_wash		Sdy_gw
	Limy_sh		Sdy_ls		Sdy_carb_wash		Shaly_gw
	Shale		Limestone		Shaly_sdy_carb		Gw_a
	Hot_shale		Dolo_ls		Shaly_limy_qtz_w		Gw_b
	Hot_shale_ii		Shaly_ls		Shaly_limy_qtz_w		Gw_c
	Siltstone		Carb_shaly_ls		Limy_qtz_wash		Gw_d
	Siltstone_ii		Cherty_ls		Limy_qtz_wash_ii		
	Shaly_ss		Chert		Limy_qtz_wash_iii		

## ACCESSORIES

### FOSSIL

	Algae
	Amph
	Belm
	Bioclst
	Brach
	Bryozoa
	Cephal
	Coral
	Crin
	Echin
	Fish
	Foram
	Fossil
	Gastro
	Oolite
	Ostra
	Pelec
	Pellet
	Pisolite
	Plant
	Strom

### MINERAL

	Anhy
	Arggrn
	Arg
	Bent
	Bit
	Brecfrag
	Calc
	Carb
	Chtdk
	Chtlt
	Dol
	Feldspar
	Ferrpel
	Ferr
	Glau
	Gyp
	Hvymin
	Kaol
	Marl
	Minxl
	Nodule
	Phos
	Pyr

	Salt
	Sandy
	Silt
	Sil
	Sulphur
	Tuff

	Sandy ls str
	Shale
	Siltstone
	Sandstone

### STRINGER

	Arkosic inclusion
	Chert inclusion
	Anhydrite
	Arkosic qtz str
	Arkosic qtz str ii
	Arkosic str
	Arkosic str ii
	Carb wash str
	Sandy carb wash str
	Coal/carb sh
	Dolomite
	Granite str
	Limestone
	Limy ss str
	Qtz wash str
	Limy qtz wash str

### TEXTURE

	Boundst
	Chalky
	Cryxln
	Earthy
	Finexln
	Grainst
	Lithogr
	Microxln
	Mudst
	Packst
	Wackest

### OIL SHOW

	Gas show
	Even
	Spotted
	Ques
	Dead

## Sample Descriptions

**Lansing 1100' (+130)**  
1172'-1178'

Limestone - cream, fine crystalline, slightly dense, slightly cherty, good intercrystalline and vugular porosity, spotted oil stain, 20% bright yellow fluorescence, show of free oil, good odor.

**Kansas City 1574' (-344)**  
1600'-1615'

Limestone: cream to buff, fine to medium crystalline, highly weathered, chalky, cherty, crystalline inclusions, good intercrystalline porosity, scattered oil stain, 15% bright yellow fluorescence, show of free oil, fair odor.

**Doods Creek 1632' (-402)**  
1632'-1650'

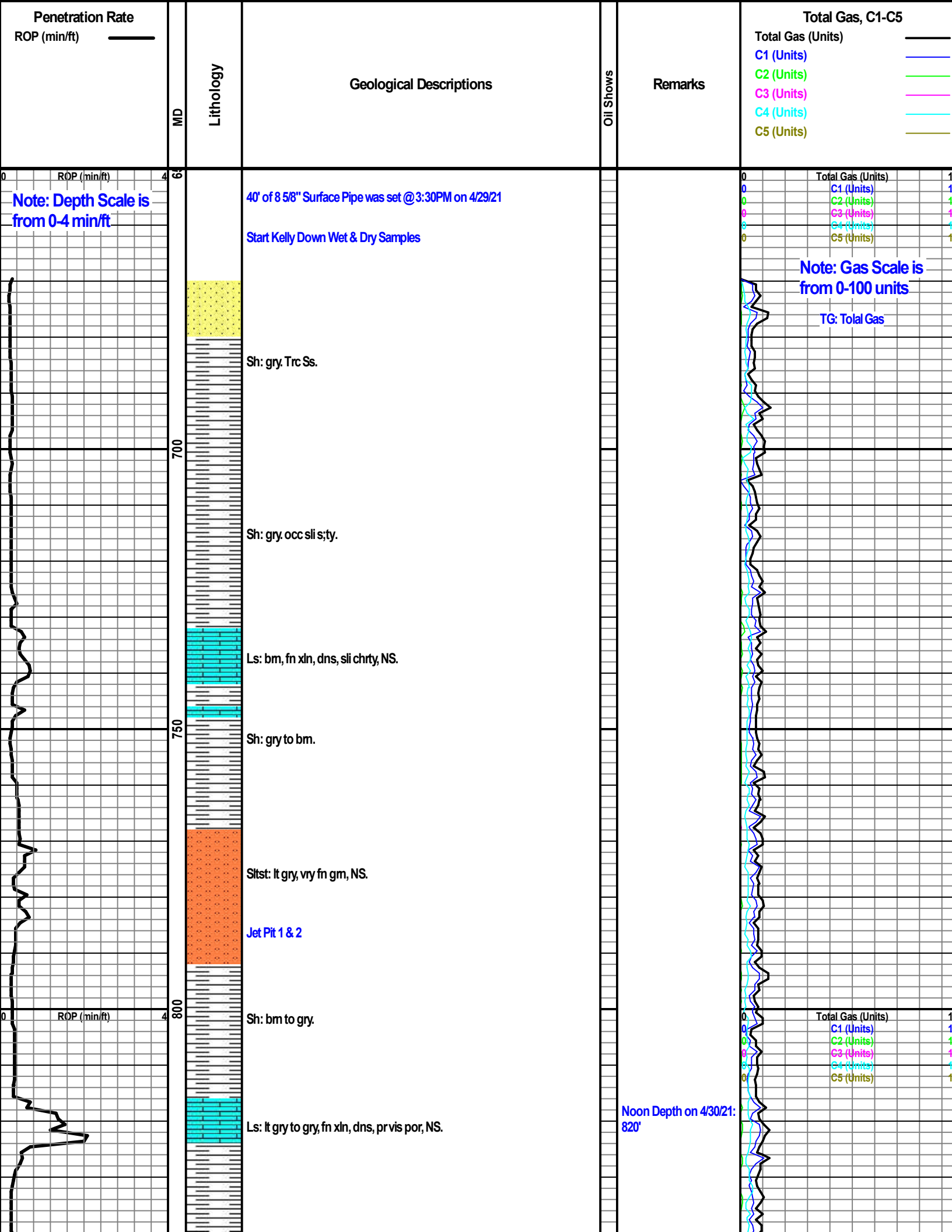
Sandstone: gry, fine to medium grain, moderatly sorted, sub angular, micaceous, non calcarius, good intergrannular porosity, brown oil stain, 20% dull yellow fluorescence, very slight show of free oil, show of gas bubbles, fair odor.

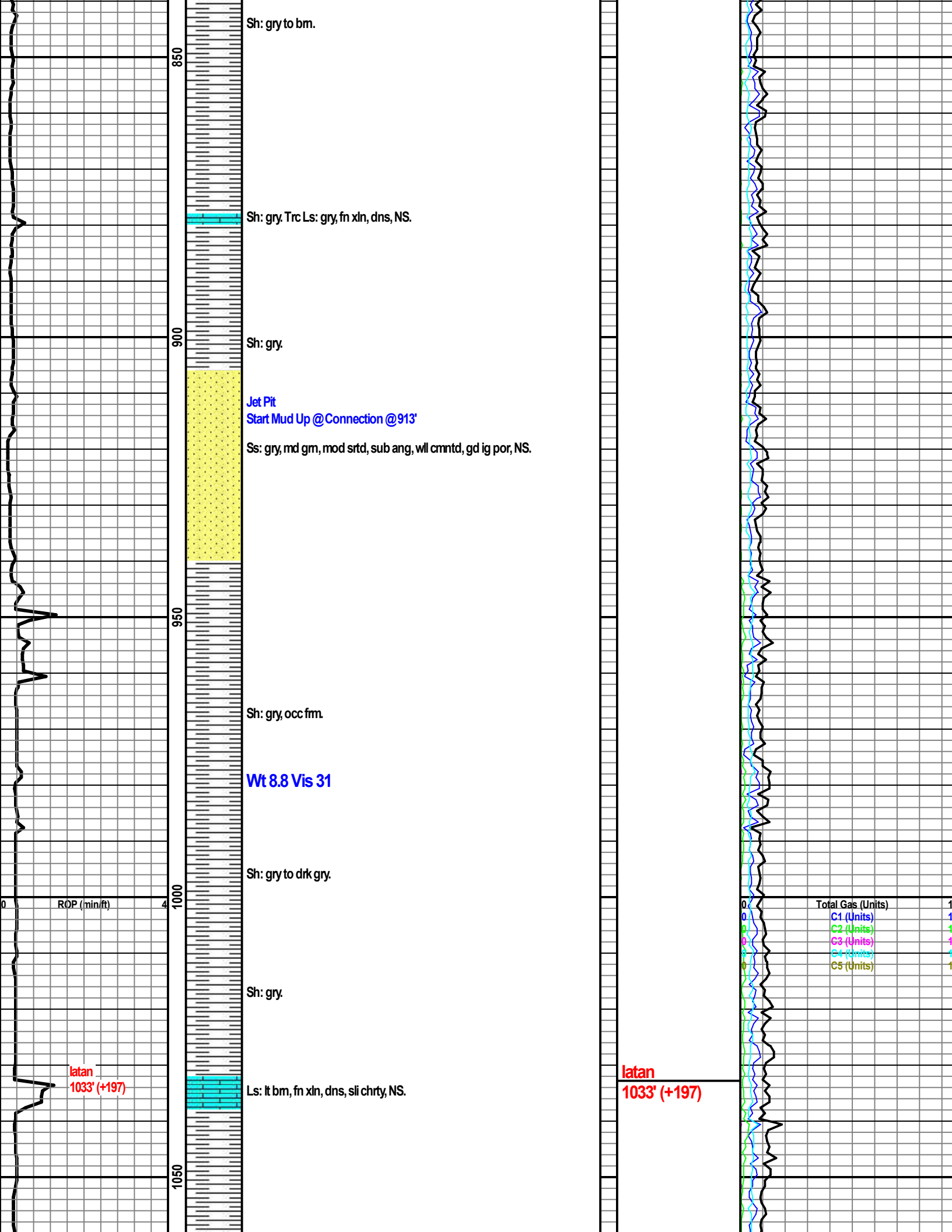
**Fort Scott 1980' (-750)**  
1980'-1995'

Limestone: light brn to buff, fine crystalline, dense, trace weathered, poor visible porosity, 10% bright yellow fluorescence, weak cut, show of free oil, fair odor.

**Mississippi Lime 2295' (-1065)**  
2295'-2310'

Limestone - light brown to brown, fine crystalline, up to 20% wethered, cherty, good intercrystalline porosity, scattered oil stain throughout, 10-20% bright yellow fluorescence, show of free oil with gas bubbles, fair odor.





Sh: gry to bm.

850

Sh: gry. Trc Ls: gry, fn xln, dns, NS.

900

Sh: gry.

Jet Pit  
Start Mud Up @ Connection @ 913'

Ss: gry, md gm, mod srted, sub ang, wll cmntd, gd ig por, NS.

950

Sh: gry, occ fm.

Wt 8.8 Vis 31

Sh: gry to drk gry.

ROP (min/ft)

1000

Sh: gry.

latan  
1033' (+197)

Ls: lt bm, fn xln, dns, sli chrty, NS.

1050

Total Gas (Units)

C1 (Units)

C2 (Units)

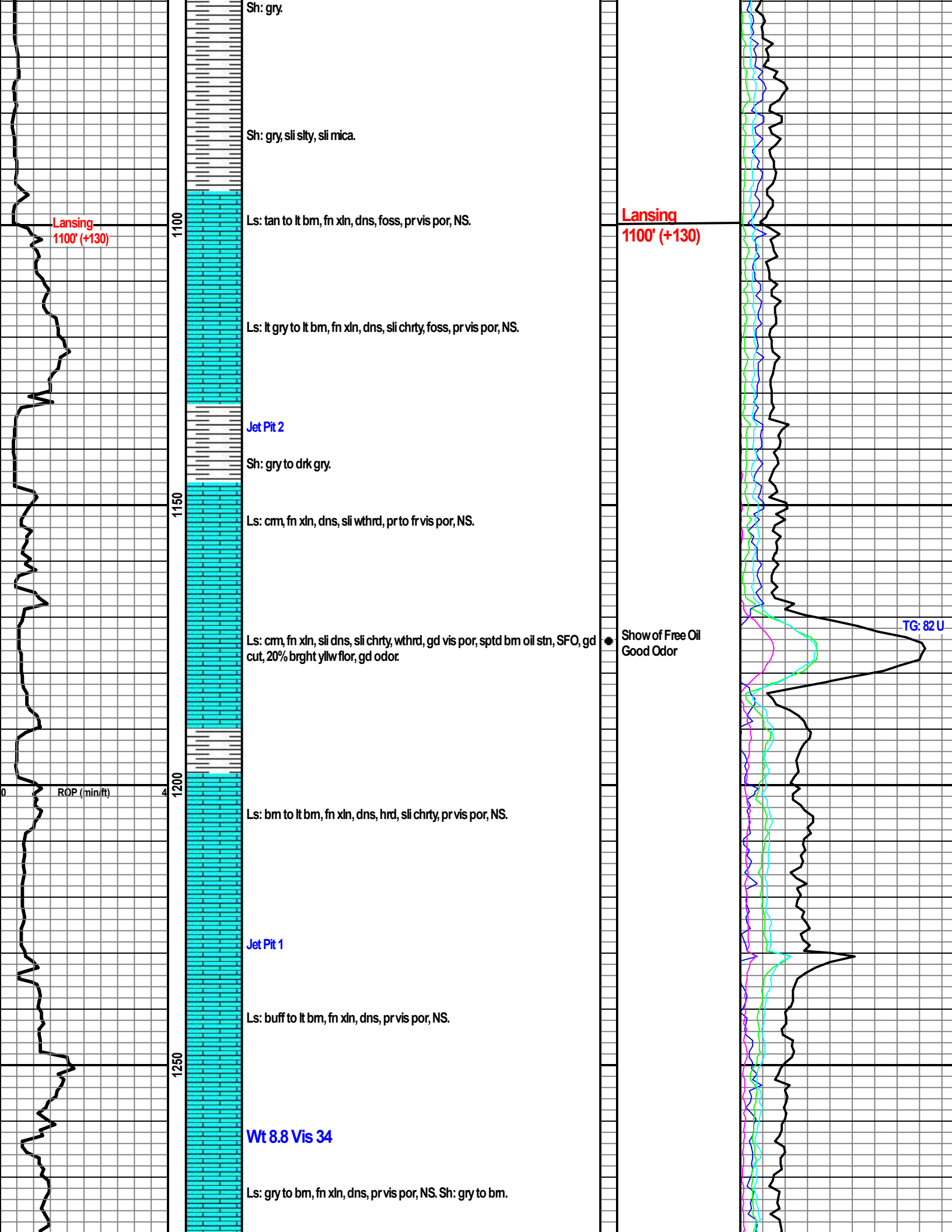
C3 (Units)

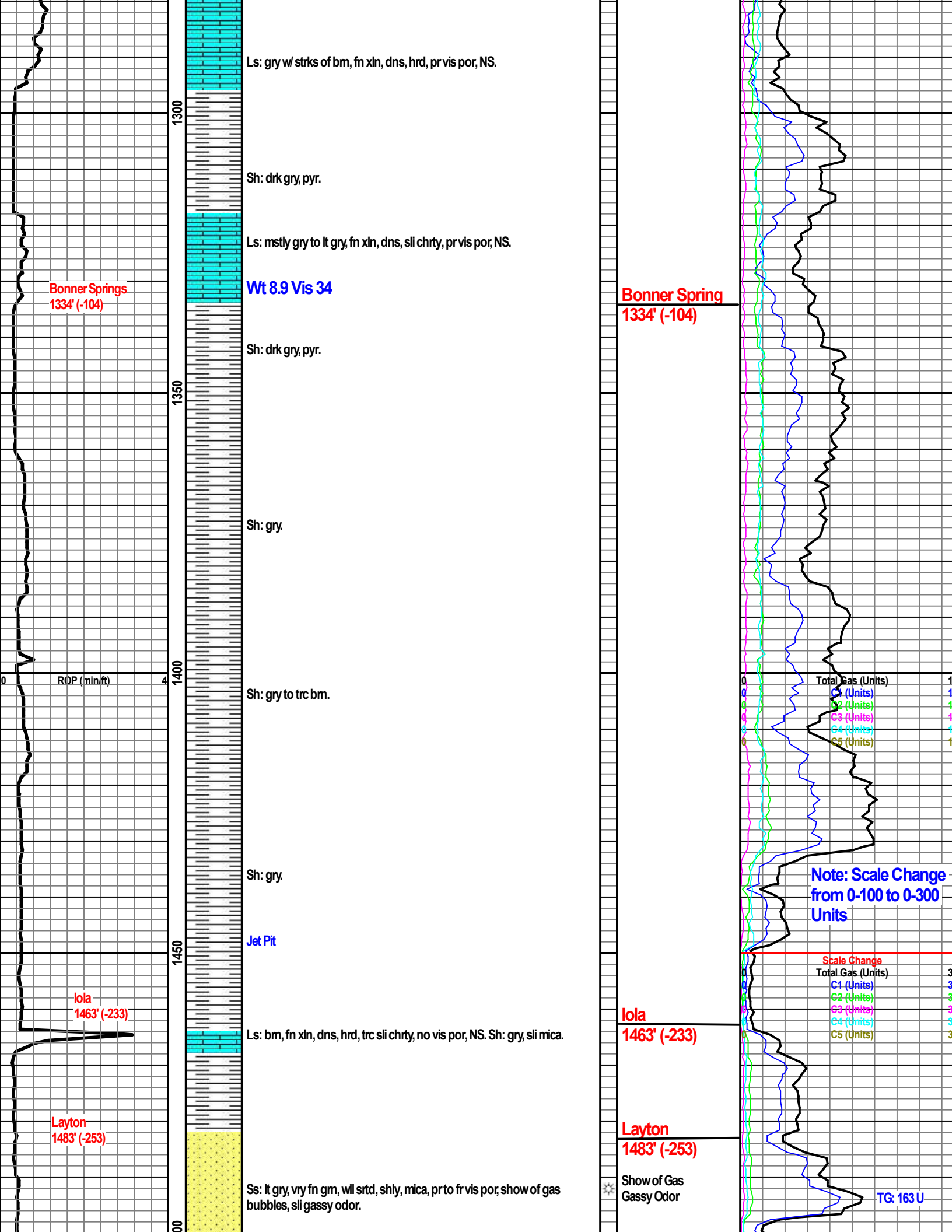
C4 (Units)

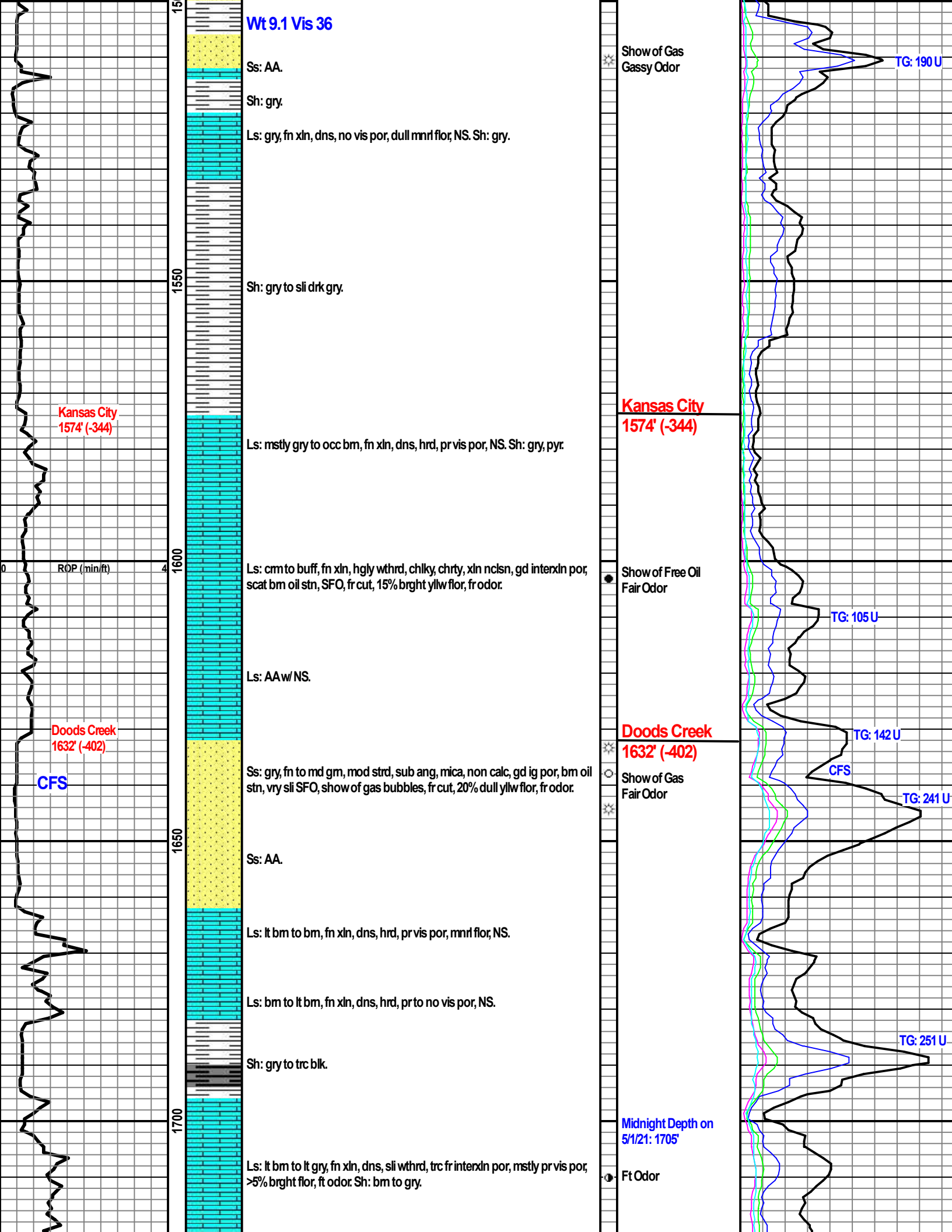
C5 (Units)

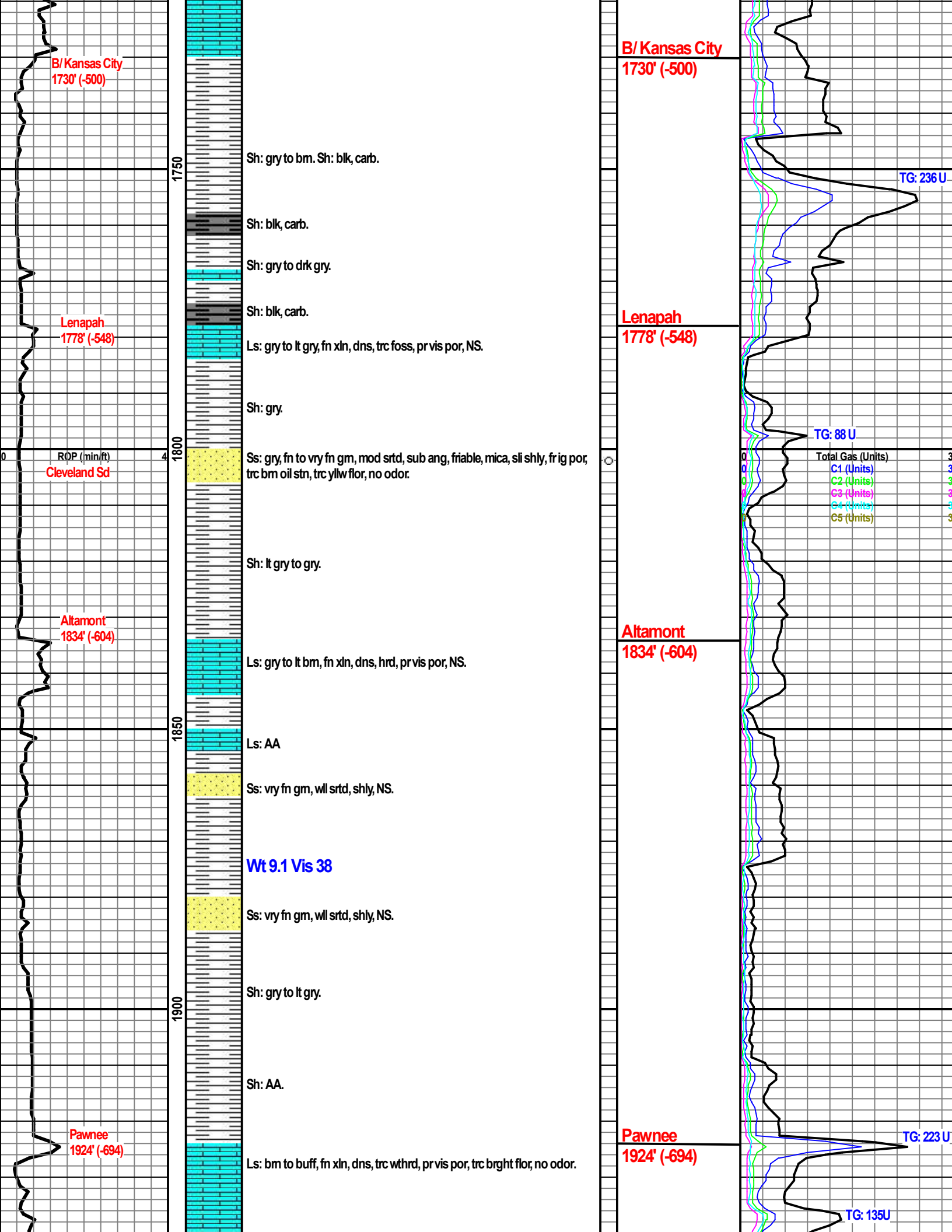
latan  
1033' (+197)

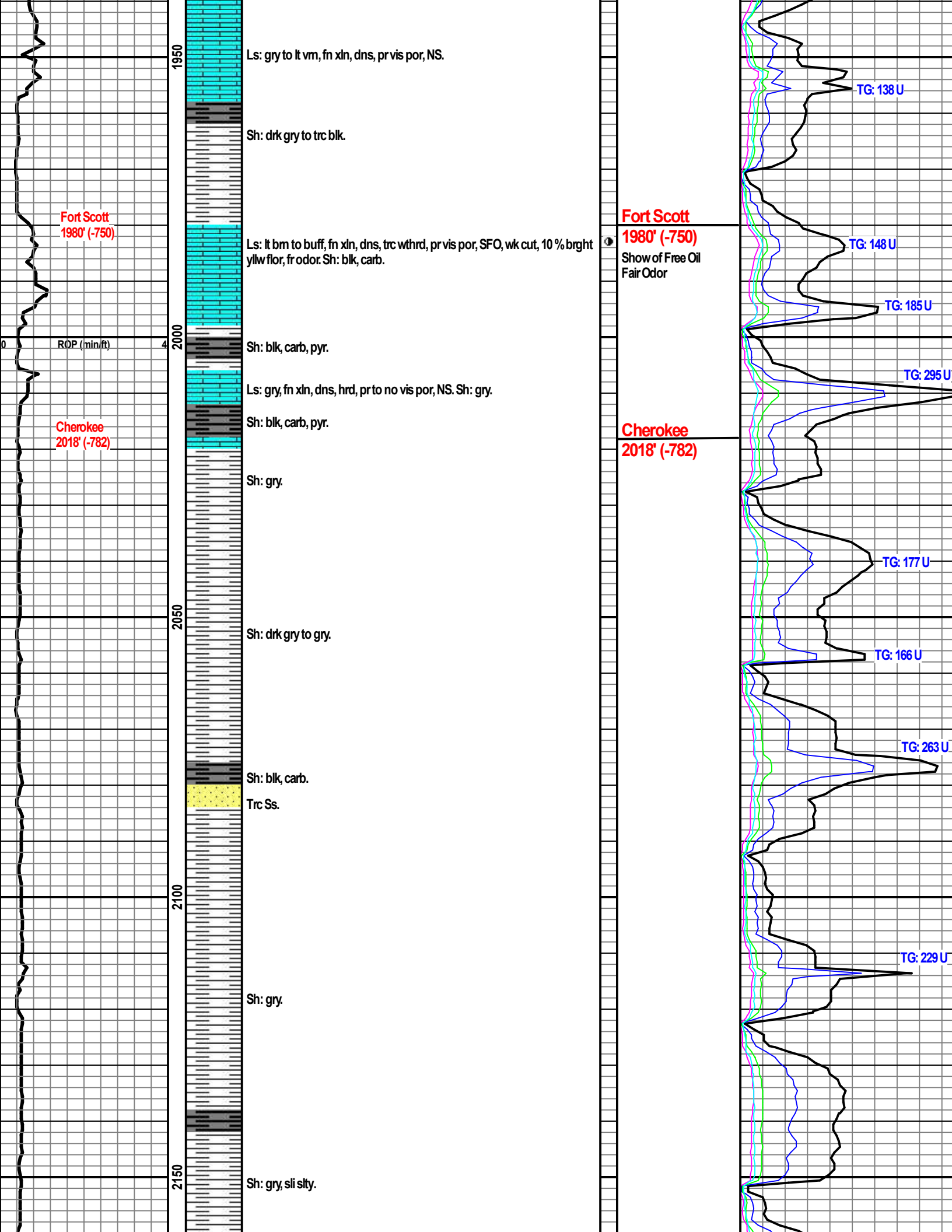












1950

Ls: gry to lt vm, fn xln, dns, pr vis por, NS.

TG: 138U

Sh: drk gry to trc blk.

Fort Scott  
1980' (-750)

Ls: lt bm to buff, fn xln, dns, trc wthrd, pr vis por, SFO, wk cut, 10% bright yllw flor, fr odor. Sh: blk, carb.

Fort Scott  
1980' (-750)

Show of Free Oil  
Fair Odor

TG: 148U

ROP (min/ft)

2000

Sh: blk, carb, pyr.

TG: 185U

Ls: gry, fn xln, dns, hrd, pr to no vis por, NS. Sh: gry.

TG: 295U

Cherokee  
2018' (-782)

Sh: blk, carb, pyr.

Cherokee  
2018' (-782)

Sh: gry.

TG: 177U

2050

Sh: drk gry to gry.

TG: 166U

Sh: blk, carb.

Trc Ss.

TG: 263U

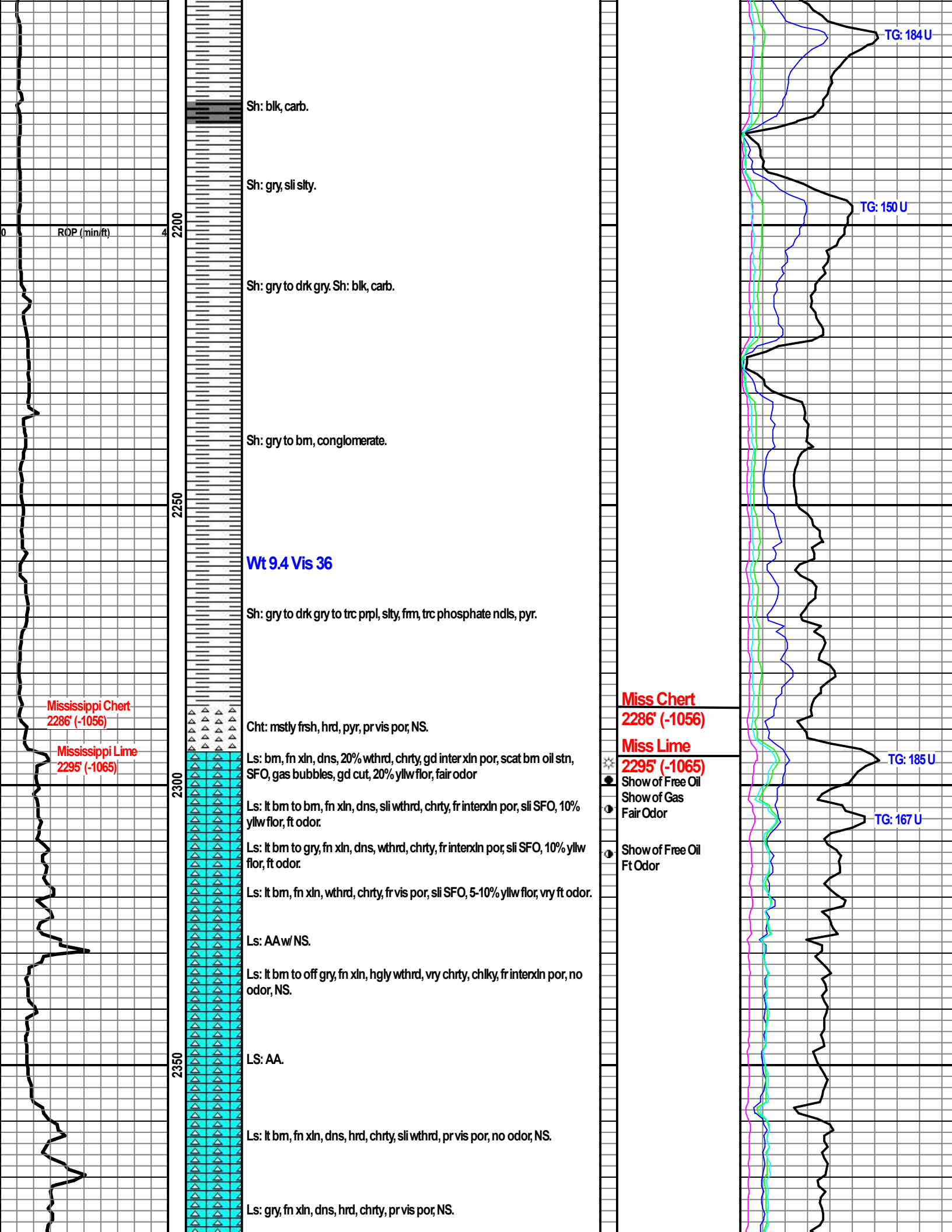
2100

Sh: gry.

TG: 229U

2150

Sh: gry, sli slty.



Sh: blk, carb.

Sh: gry, sli slty.

Sh: gry to drk gry. Sh: blk, carb.

Sh: gry to bm, conglomerate.

Wt 9.4 Vis 36

Sh: gry to drk gry to trc prpl, slty, frm, trc phosphate ndls, pyr.

Mississippi Chert  
2286' (-1056)

Mississippi Lime  
2295' (-1065)

Cht: mstly frsh, hrd, pyr, pr vis por, NS.

Ls: bm, fn xln, dns, 20% wthrd, chrty, gd inter xln por, scat bm oil stn, SFO, gas bubbles, gd cut, 20% yllw flwr, fair odor

Ls: lt bm to bm, fn xln, dns, sli wthrd, chrty, fr interxln por, sli SFO, 10% yllw flwr, ft odor.

Ls: lt bm to gry, fn xln, dns, wthrd, chrty, fr interxln por, sli SFO, 10% yllw flwr, ft odor.

Ls: lt bm, fn xln, wthrd, chrty, fr vis por, sli SFO, 5-10% yllw flwr, vry ft odor.

Ls: AA w NS.

Ls: lt bm to off gry, fn xln, hgly wthrd, vry chrty, chlky, fr interxln por, no odor, NS.

LS: AA.

Ls: lt bm, fn xln, dns, hrd, chrty, sli wthrd, pr vis por, no odor, NS.

Ls: gry, fn xln, dns, hrd, chrty, pr vis por, NS.

Miss Chert  
2286' (-1056)

Miss Lime  
2295' (-1065)

Show of Free Oil  
Show of Gas  
Fair Odor

Show of Free Oil  
Ft Odor

TG: 184 U

TG: 150 U

TG: 185 U

TG: 167 U

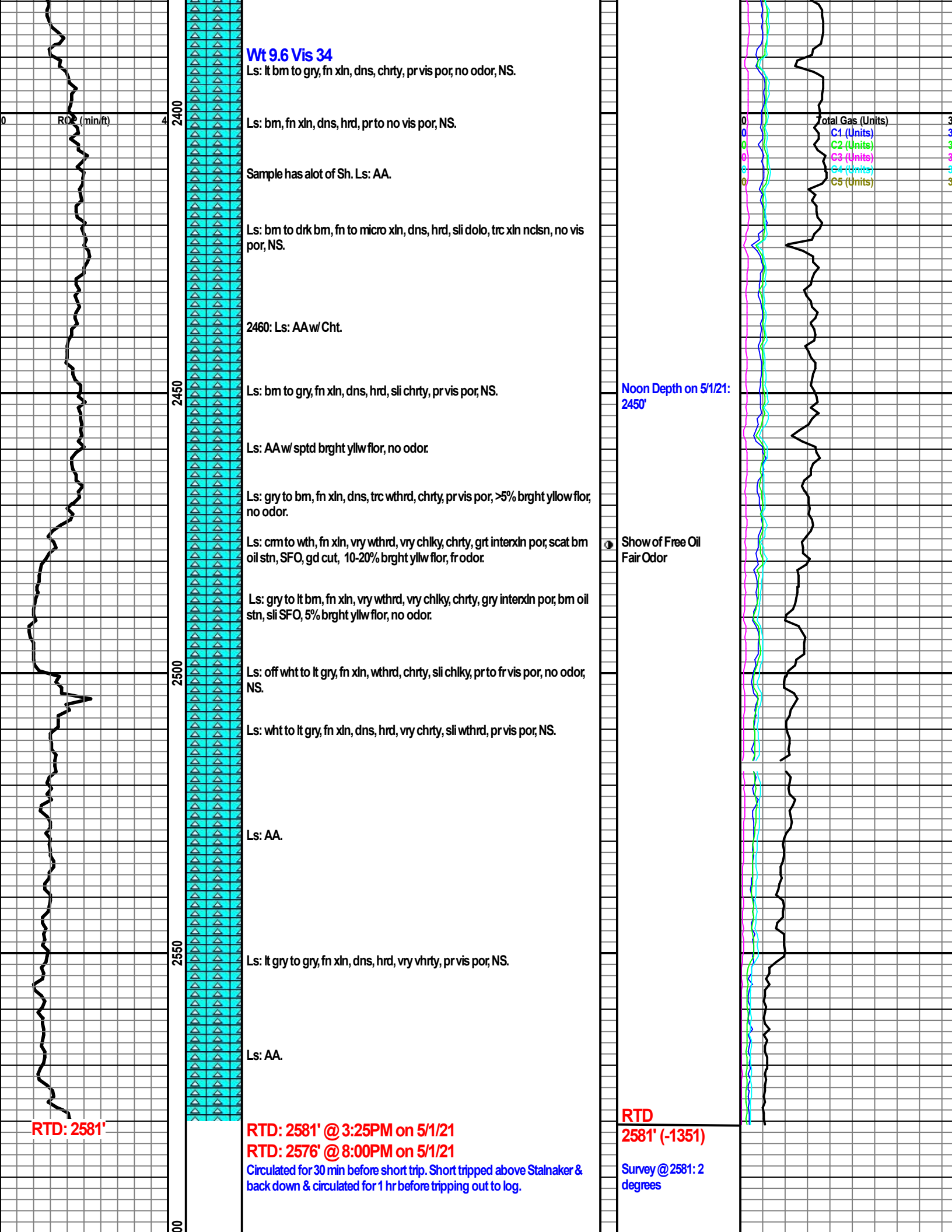
ROP (min/ft)

2200

2250

2300

2350



**Wt 9.6 Vis 34**

Ls: lt bm to gry, fn xln, dns, chrty, pr vis por, no odor, NS.

Ls: bm, fn xln, dns, hrd, pr to no vis por, NS.

Sample has alot of Sh. Ls: AA.

Ls: bm to drk bm, fn to micro xln, dns, hrd, sli dolo, trc xln nclsn, no vis por, NS.

2460: Ls: AAw/Cht.

Ls: bm to gry, fn xln, dns, hrd, sli chrty, pr vis por, NS.

Ls: AAw/sptd brght yllw flor, no odor.

Ls: gry to bm, fn xln, dns, trc wthrd, chrty, pr vis por, >5% brght yllw flor, no odor.

Ls: cm to wth, fn xln, vry wthrd, vry chlky, chrty, grt interxln por, scat bm oil stn, SFO, gd cut, 10-20% brght yllw flor, fr odor.

Ls: gry to lt bm, fn xln, vry wthrd, vry chlky, chrty, gry interxln por, bm oil stn, sli SFO, 5% brght yllw flor, no odor.

Ls: off wht to lt gry, fn xln, wthrd, chrty, sli chlky, pr to fr vis por, no odor, NS.

Ls: wht to lt gry, fn xln, dns, hrd, vry chrty, sli wthrd, pr vis por, NS.

Ls: AA.

Ls: lt gry to gry, fn xln, dns, hrd, vry vhrty, pr vis por, NS.

Ls: AA.

Noon Depth on 5/1/21:  
2450'

Show of Free Oil  
Fair Odor

Total Gas (Units)  
C1 (Units)  
C2 (Units)  
C3 (Units)  
C4 (Units)  
C5 (Units)

RTD: 2581'

RTD: 2581' @ 3:25PM on 5/1/21

RTD: 2576' @ 8:00PM on 5/1/21

Circulated for 30 min before short trip. Short tripped above Stainaker & back down & circulated for 1 hr before tripping out to log.

RTD  
2581' (-1351)

Survey @ 2581: 2  
degrees





810 E 7<sup>TH</sup>  
 PO Box 92  
 EUREKA, KS 67045  
 (620) 583-5561



**Cement or Acid Field Report**  
 Ticket No. **5565**  
 Foreman David Gardner  
 Camp Eureka

API# 15 049-22624

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
5-19-21	1028	Mackley #2	25	30 S.	9E	Elk	KS	
Customer <u>Lone Wolf Oil &amp; Gas, LLC</u>			Safety Meeting		Unit #	Driver	Unit #	Driver
Mailing Address <u>Box 241</u>			BPM SM		<u>104</u>	<u>Alma M.</u>		
City <u>Moline</u>			State <u>KS</u>		<u>113</u>	<u>Jason</u>		
Zip Code <u>67353</u>					<u>141</u>	<u>Steve</u>		

Job Type 1" Top Outside Hole Depth 2581' K.B. Slurry Vol. 34 Bbl Tubing 1" Hydril  
 Casing Depth 2369.50' C.L. Hole Size 7 7/8" Slurry Wt. \_\_\_\_\_ Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 5 1/2" 17" Cement Left in Casing \_\_\_\_\_ Water Gal/SK \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement \_\_\_\_\_ Displacement PSI \_\_\_\_\_ Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_

Remarks: Safety Meeting. Run 1" Hydril down 5 1/2" annulus & wash to solid cement T.D. at 1130'. Pump 10 Bbl water. Mixed 120 sks 60/40 Pozmix Cement w/ 4% Gel until grad cement returns to surface. Shut down. Pull 1" Hydril. Top well off w/ cement. Well stayed full. Job complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	890.00	890.00
C107	30	Mileage	4.20	126.00
C203	120 sks	60/40 Pozmix Cement	14.75	1770.00
C206	415"	Gel 4%	.28	116.20
C108A	5.16 Tons	Ton Mileage - Bulk Truck	m/c	365.00
C113	3	80 Bbl Vac Truck	90.00/HR	270.00
C224	3000 gals	City Water	11.00/1000	33.00
C118	1	1" Hydril Rental	m/c	150.00
			Sub Total	3,720.20
			Less 5%	193.77
			Sales Tax 7.5%	155.19
Authorization <u>Rob Wolfe</u> Title _____			Total	3,681.62

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

910 E 7<sup>TH</sup>  
 PO Box 92  
 EUREKA, KS 67045  
 (620) 583-5561



**Cement or Acid Field Report**  
 Ticket No. **5602**  
 Foreman Kevin McCoy  
 Camp EUREKA

API # 15-049-22624

C 48 DAY  
 Rig #2

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
5-2-21	1028	MARKLEY #2	25	30S	9E	ELK	KS	
Customer <u>LONG WOLF OIL &amp; GAS, LLC</u>			Safety Meeting KM AM SM DG		Unit #	Driver	Unit #	Driver
Mailing Address <u>Box 241</u>					104	ALAN M.		
City <u>Moline</u>					110	STEVE M.		
State <u>KS</u>					141	DAVID G.		
Zip Code <u>67353</u>								

Job Type LONGSTRING Hole Depth 2581' L.D. Slurry Vol. 43 BBL Tubing \_\_\_\_\_  
 Casing Depth 2367.50 Hole Size 7 7/8" Slurry Wt. 13.8 # Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 5 1/2" 17" Cement Left in Casing 0' Water Gal/SK 7.0 Other \_\_\_\_\_  
 Displacement 56.5 BBL Displacement PSI 800 Bump Plug to 1250 PSI BPM \_\_\_\_\_

Remarks: SAFETY MEETING: 5 1/2" 17" CASING SET @ 2367.50'. RIG UP TO 5 1/2" CASING. BREAK CIRCULATION w/ 10 BBL FRESH WATER. MIXED 130 SKS THICK SET CEMENT w/ 5# KOL-SEAL /SK 1# PHENO-SEAL /SK @ 13.8 #/GAL, YIELD 1.85 = 43.5 BBL SLURRY. WASH OUT PUMP & LINES. SHUT DOWN. RELEASE LATCH DOWN. DISPLACE PUMP TO SEAT w/ 56.5 BBL FRESH WATER. FINAL PUMPING PRESSURE 800 PSI. BUMP PLUG TO 1250 PSI. WAIT 2 MINS. RELEASE PRESSURE. FLOAT & PUMP HELD. GOOD CIRCULATION @ ALL TIMES WHILE CEMENTING. JOB COMPLETE. RIG DOWN.

PLUG R.H. w/ 20 SKS  
CENTRALIZERS ON #1, 2, 3, 4, 5. BASKET ON TOP OF #1

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge	1100.00	1100.00
C 107	30	Mileage	4.20	126.00
C 201	150 SKS	THICK SET CEMENT	20.50	3075.00
C 207	750 #	5# KOL-SEAL /SK	.47 #	352.50
C 208	150 #	1# PHENO-SEAL /SK	1.30 #	195.00
C 108	8.25 TONS	Tons Mileage	M/C	365.00
C 113	4 HRS	80 BBL VAC TRUCK	70.00	360.00
C 224	3300 GAL	CITY WATER	10.00/1000	33.00
C 421	1	5 1/2 LATCH DOWN PUMP	242.00	242.00
C 661	1	5 1/2 AFU FLOAT SHOE	309.00	309.00
C 604	1	5 1/2 CEMENT BASKET	236.00	236.00
C 504	5	5 1/2 x 7 7/8 CENTRALIZERS	50.00	250.00
			Sub Total	6643.50
			Less 5%	349.77
			Sales Tax	351.94
Authorization <u>witnessed By Rob Wolfe</u> Title _____			Total	6,645.67

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810 E 7<sup>TH</sup>  
 PO Box 92  
 EUREKA, KS 67045  
 (620) 583-5561



**Cement or Acid Field Report**  
 Ticket No. **5557**  
 Foreman David Gardner  
 Camp Eureka

API# 15-049-22624

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
4-29-21	1028	Markley #2	25	30 S.	9 E.	ELK	KS	
Customer <u>Lone Wolf Oil &amp; Gas Co., LLC</u>			Unit #		Driver		Unit #	Driver
Mailing Address <u>Bix 241</u>			105		Jason			
City <u>Moline</u>			114		Zevi			
State <u>KS</u>								
Zip Code <u>67353</u>								
Safety Meeting DC 3H 2H								

Job Type Surface Hole Depth 52' R.B. Slurry Vol. 13 Bbl Tubing \_\_\_\_\_  
 Casing Depth 40' G.L. Hole Size 12 1/4" Slurry Wt. 15<sup>g</sup> Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 8 7/8" Cement Left in Casing 15 1/4" Water Gal/SK 6.5 Other \_\_\_\_\_  
 Displacement 2 1/4 Bbl Displacement PSI \_\_\_\_\_ Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_

Remarks: Safety Meeting. Rig up to 8 7/8" casing. Break circulation w/ 5 Bbl fresh water. Mixed 55 sbs Class H' Cement w/ 3% Calc, 2% Gel, + 1/4" Flocal/sk @ 15<sup>g</sup>/gal, yield 1.35 = 13 Bbl slurry. Displace w/ 2 1/4 Bbl fresh water. Shut down. Close casing in. Good cement returns to surface = 3 Bbl slurry to pit. Job complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	890.00	890.00
C107	30	Mileage	4.20	126.00
C200	55 sbs	Class A Cement	15.75	866.25
C205	155 <sup>g</sup>	Calc 3%	.63	97.65
C206	105 <sup>g</sup>	Gel 2%	.21	22.05
C209	15 <sup>g</sup>	Flocal 1/4 <sup>g</sup> /sk	2.35	35.25
C108H	2.58 Tons	Ten Mileage - Bulk Truck	m/c	365.00
<u>Thank You</u>				
			Sub Total	2,402.20
			Less 5%	123.94
			7.5 % Sales Tax	76.59
Authorization <u>by Rob Wolf</u> Title _____			Total	<b>2,354.85</b>

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