

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. 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	BlueRidge Petroleum Corporation
Well Name	ALAN CLARK 1-22
Doc ID	1659304

All Electric Logs Run

DIL
CDN
Sonic
Micro

Form	ACO1 - Well Completion
Operator	BlueRidge Petroleum Corporation
Well Name	ALAN CLARK 1-22
Doc ID	1659304

Tops

Name	Top	Datum
Lansing	1496	-30
BKC	1811	-34
Cherokee	1936	-470
Miss Chert	2047	-581
Miss Dolo	2068	-602
Kinderhook	2121	-655
Hunton	2331	-865
Marquota Sh	2528	-1062
Viola	2611	-1145
LTD	2680	-1214







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



**Cement or Acid Field Report**  
 Ticket No. **6613**  
 Foreman Steve Moad  
 Camp Eureka

API 15-061-20068

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
7-20-22	1300	Clark #122	R2	13S	8E	Grady	KS
Customer <u>River Ridge Petroleum Corporation</u>			Safety Meeting Unit # <u>104</u>		Driver <u>Alon M.</u>		Unit # Driver
Mailing Address <u>P.O. Box 30545</u>			SM NM SF Unit # <u>113</u>		Shannon		
City <u>Edmond</u>	State <u>OK</u>	Zip Code <u>73003</u>					

Job Type Surface Hole Depth 320 Slurry Vol. \_\_\_\_\_ Tubing \_\_\_\_\_  
 Casing Depth 307 Hole Size 12 1/4 Slurry Wt. \_\_\_\_\_ Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 8 5/8 23' Cement Left in Casing 15 Water Gal/SK \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement 19661 Displacement PSI \_\_\_\_\_ Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_

Remarks: Safety Meeting Rig up to 8 5/8 casing. Break circulation w/ 10661 Fresh water. Mixed 200SKS Class A Cement w/ 3% Coc12 2% Gal 1/4" Fluoal 1st Displace w/ 19141 Fresh water. Shut casing in Good cement returns to surface 9441 Slurry to pit. Job complete Rig down

*Thank you*

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C-101	1	Pump Charge	950.00	950.00
C-107	100	Mileage	5.00	500.00
C-200	200SKS	Class A Cement	18.55	3710.00
C-205	565 #	Coc12 3%	.75	423.75
C-206	375 #	Gal 2%	.30	112.50
C-209	50"	Fluoal 1/4" SK	2.80	140.00
C-108B	9.4 tons	Ten Mileage - 100 miles	1.50	1410.00
			Subtotal	7246.25
			6.555%	<b>&lt; 319.30 &gt;</b>
			7.75%	Sales Tax
				339.93

Authorization by Duke Coulter Title Light house - Dirg Toolpusher Total **7206.88**

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.



**OPERATOR**

Company: Blueridge Petroleum Corporaton  
 Address: PO Box 30545  
 Edmond, OK 73003-0545

Contact Geologist: Jim Musgrove  
 Contact Phone Nbr: 620-786-0839  
 Well Name: Alan Clark #1-22  
 Location: 22-13s-8e NW-NE-NE-SW  
 API:  
 Pool:  
 State: Kansas

Field: Wildcat  
 Country: USA



**BlueRidge Petroleum Corporation**



P.O. Box 30545  
 Edmond, OK 73003  
 (580) 242-3732

Scale 1:240 Imperial

Well Name: Alan Clark #1-22  
 Surface Location: 22-13s-8e NW-NE-NE-SW  
 Bottom Location:  
 API:  
 License Number: 31930  
 Spud Date: 7/19/2022 Time: 12:00 AM  
 Region: Geary  
 Drilling Completed: 7/24/2022 Time: 12:00 AM  
 Surface Coordinates: 2335' FSL & 2002' FWL  
 Bottom Hole Coordinates:  
 Ground Elevation: 1458.00ft  
 K.B. Elevation: 1466.00ft  
 Logged Interval: 1400.00ft To: 2680.00ft  
 Total Depth: 2680.00ft  
 Formation: Viola  
 Drilling Fluid Type: Chemical/Fresh Water Gel

**CASING SUMMARY**

	Surface	Intermediate	Main		
Bit Size					
Hole Size					
	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8 5/8" in	307 ft			
Int Casing					
Prod Casing	None in	0.00 ft			

**CASING SEQUENCE**

Type	Hole Size	Casing Size	At
	0.00 in	0.00	0.00 ft

**SURFACE CO-ORDINATES**

Well Type: Vertical  
 Longitude:  
 Latitude:  
 N/S Co-ord: 2335' FSL  
 E/W Co-ord: 2002' FWL

**LOGGED BY**

**Musgrove**  
 Petroleum Geology  
 212 Main Street, Claflin KS

Company: James C Musgrove Petroleum LLC

Address: 212 Main Street/PO Box 215  
Clafin, KS 67525

Phone Nbr: 620-588-4250 620-786-0839  
Logged By: KLG #307

Name: James C Musgrove

**CONTRACTOR**

Contractor: Lighthouse Drilling  
Rig #: 2  
Rig Type: mud rotary  
Spud Date: 7/19/2022  
TD Date: 7/24/2022  
Rig Release:

Time: 12:00 AM  
Time: 12:00 AM  
Time:

**ELEVATIONS**

K.B. Elevation: 1466.00ft  
K.B. to Ground: 8.00ft

Ground Elevation: 1458.00ft

**NOTES**

Remarks:

The Blueridge Petroleum Corporation, Alan Clark #1-22 was plugged and abandoned at 2680 (-1214)

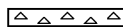





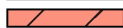






Respectfully Submitted,

James C Musgrove  
Petroleum Geologist

**well comparison sheet**

	ALAN CLARK 31-22				GERMAN #1				CLARK #1			
	BLUERIDGE PETROLEUM CORP NW-NE-NE-SW 22-13s-8e				CONTINENTAL OIL CO. 20-13s-8e				BENSON MINERAL GROUP 16-13s-8e			
	1466 KB				1472 KB		Structural Relationship		1466 KB		Structural Relationship	
Formation	Log	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea
Heebner		1292	174						1276	190	16	
Toronto		1308	158									
Douglas		1328	138									
Lansing		1496	-30	1531	-59	-29			1480	-14	16	
Base Kansas City		1811	-345									
Cherokee		1936	-470									
Mississippian		2047	-581	2062	-590	-9			1998	-532	49	
Mississippian Dolomite		2068	-602									
Kinderhook		2121	-655	2183	-711	-56						
Hunton		2331	-865	2406	-934	-69						
Maquoketa		2528	-1062	2633	-1161	-99						
Viola		2611	-1145	2711	-1239	-94						
Rotary Total Depth		2678	-1212									
Log Total Depth		2680	-1214									

**ROCK TYPES**

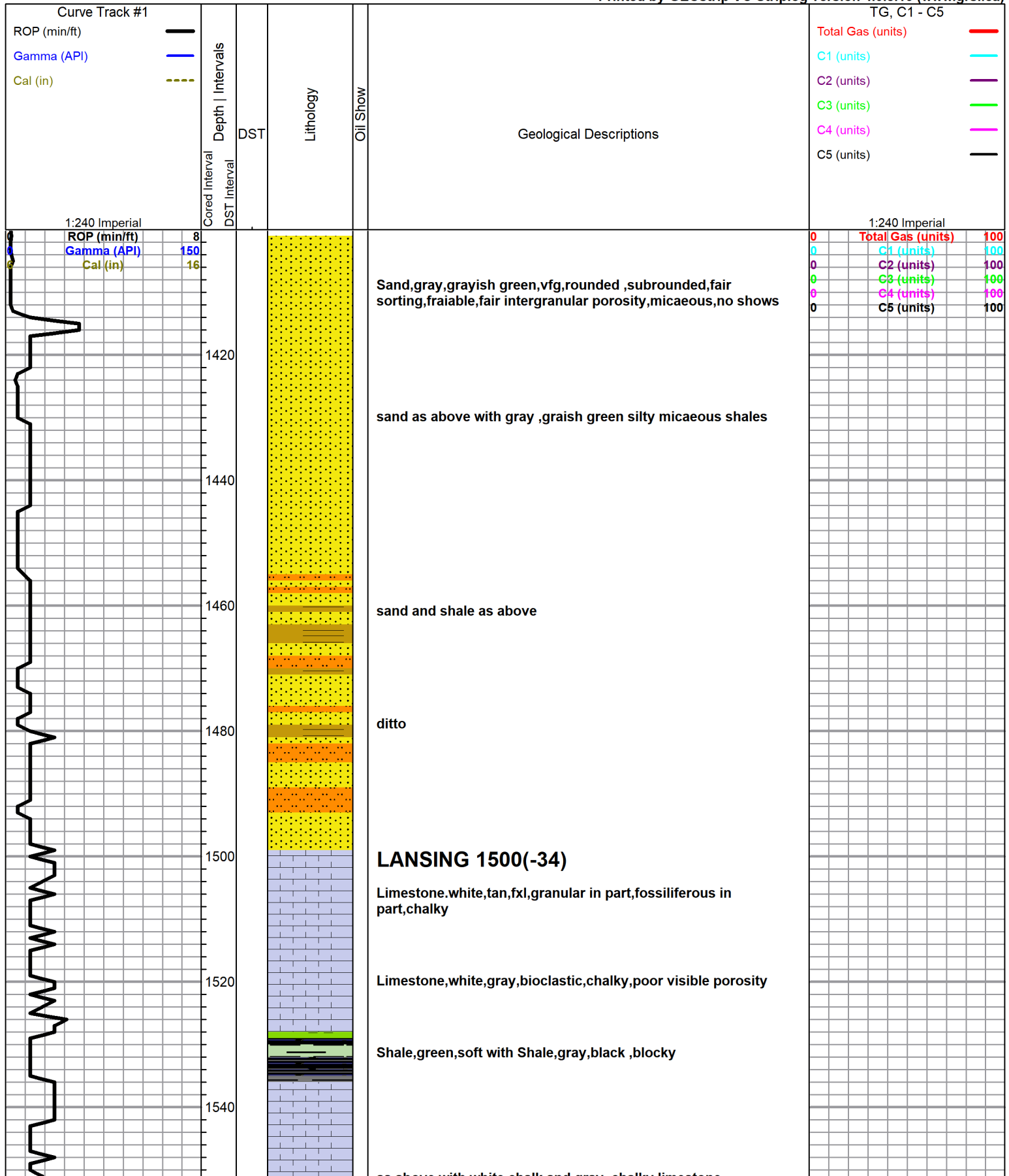
-  Cht
-  Dolprim
-  Lmst fw>
-  Carbon Sh
-  Slst
-  Clystgy
-  Dolsec
-  shale, grn
-  Shcol
-  Clystcol
-  Lmst fw<
-  shale, gry
-  Ss

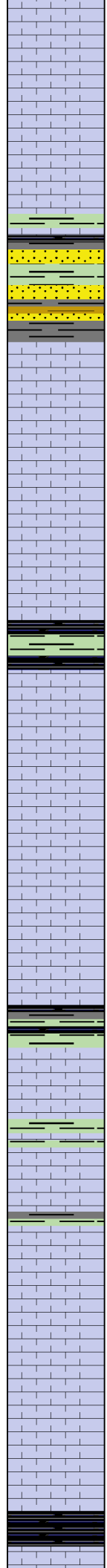
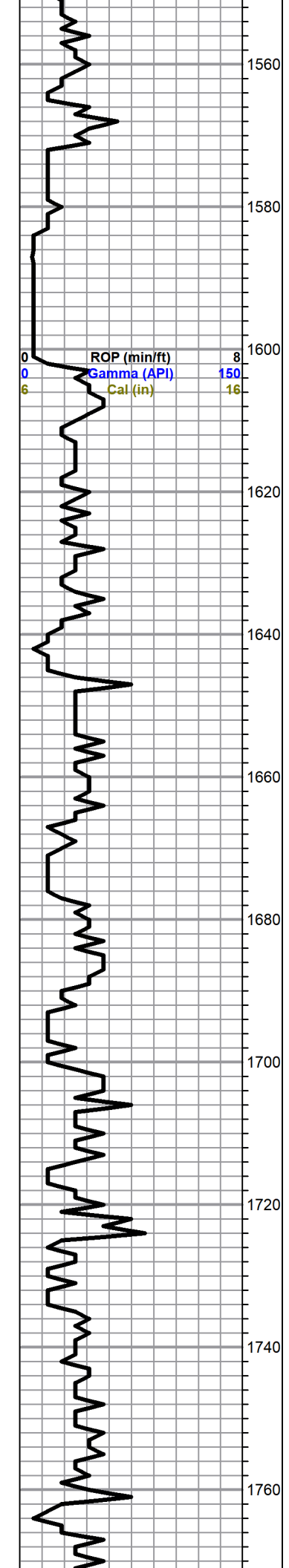
**Oil Show**

- Good Show
- Fair Show
- Poor Show
- Spotted or Trace
- Questionable Stn
- D Dead Oil Stn
- Fluorescence
- \* Gas

**DST**

- DST Int
- DST alt
- Core
- tail pipe





as above

Shale,gray,grayish green,calcareous,silty,trace pyrite and trace Sand,grayish green, vfg, calcareous

Limestone,tan,fxl,oolitic/fossiliferous, slightly cherty,dense

Shale,gray,green ,black,soft

Limestone,tan,fxl,fossiliferous,dense

Limestone,white,tan,fxl,chalky,poor visible porosity,no shows

Limestone,white,tan,fxln,chalky,poor visible porosity

shale,gray,green,soft

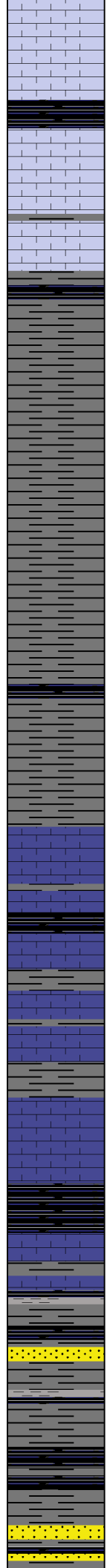
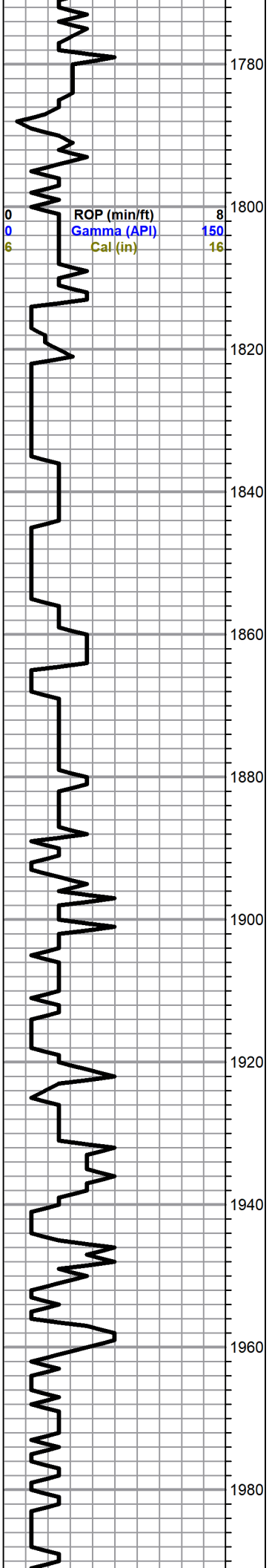
Limestone and shales as above

Limestone,white,gray,fossiliferous,slightly oolitic,chalky,fair porosity

Limestone, as above

Shale black carbonaceous

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100



Limestone, white, tan, fxln, poorly developed intercrystalline type porosity, no shows

Shale black carbonaceous

Limestone, tan, cream, fxln, poor porosity

**BASE KANSAS CITY 1809**

Shale black carbonaceous

Shale, gray, dark gray, silty

as above

as above, calcareous in part ??

as above

Limestone, tan, fxln, dense

Shale black carbonaceous

gray shales & Limestones as above

Limestone, cream, tan, fxln, slightly cherty, dense

**CHEROKEE 1940(-477)**

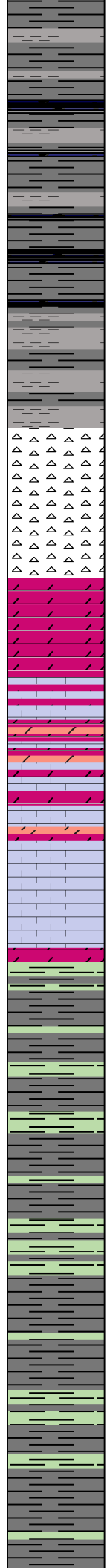
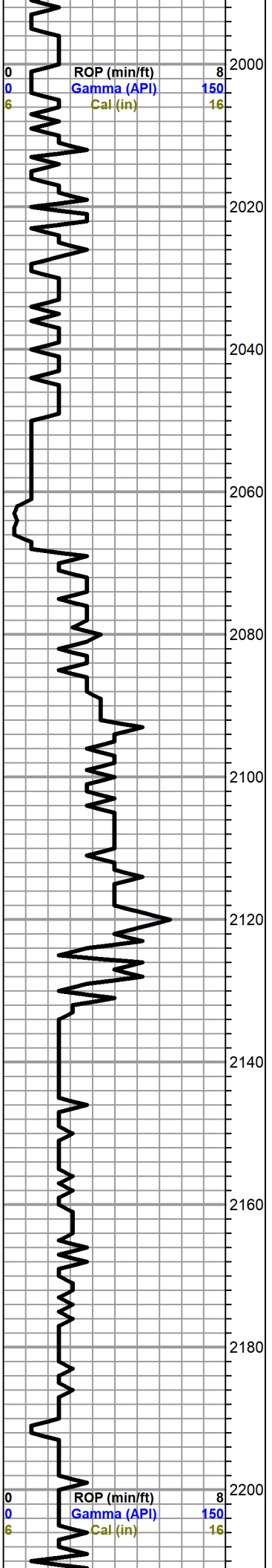
Shale black carbonaceous with gray, dark gray, shales

Shales as above

ditto

Shale, gray, dark gray, sandy, trace gray, very fine grained, micaeous sand

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100



Shale,gray,dark gray and black carbonaceous

as above,blocky,some subwaxy

**MISSISSIPPIAN CHERT 2050(-584)**

Chert,white,yellow,boney,opaque,fresh..no shows

Chert,white,gray,amber,boney/ opaque

**MISSISSIPPIAN DOLOMITE 2070(-604)**

Dolomite,tan,fxln,sucrosic,cherty,dense

**MISSISSIPPIAN LIME 2082**

Dolomite as above,trace green tinted dolomite, and Limestone,tan,gray and pink, slightly dolomitic,dense

Limestone as above

**KINDERHOOK 2126**

Shale,gray,grayish green,silty,few calcareous

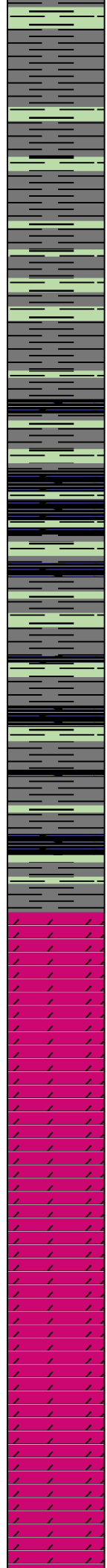
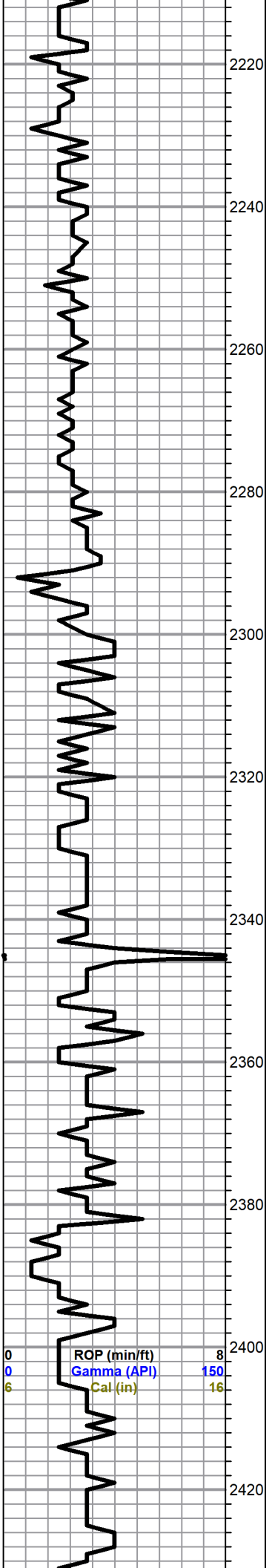
as above,gray,black,purplish gray,silty

as above

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100





as above washes gray

as above,increase dark gray shales

as above

as above

**HUNTON 2334(-868)**

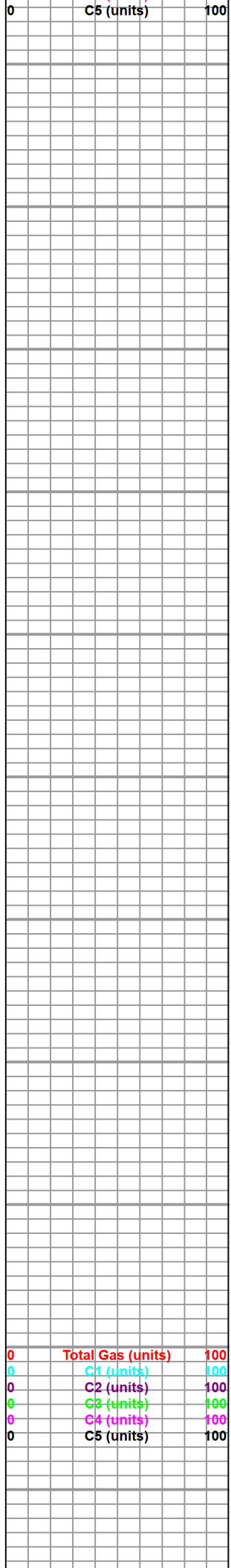
Dolomite,white,tan,fxnl,cherty,dense trace glauconite

Dolomite,gray,tan,fxnl,few medium and coarse crystalline,few fossiliferous,fair vuggy porosity,(barren)

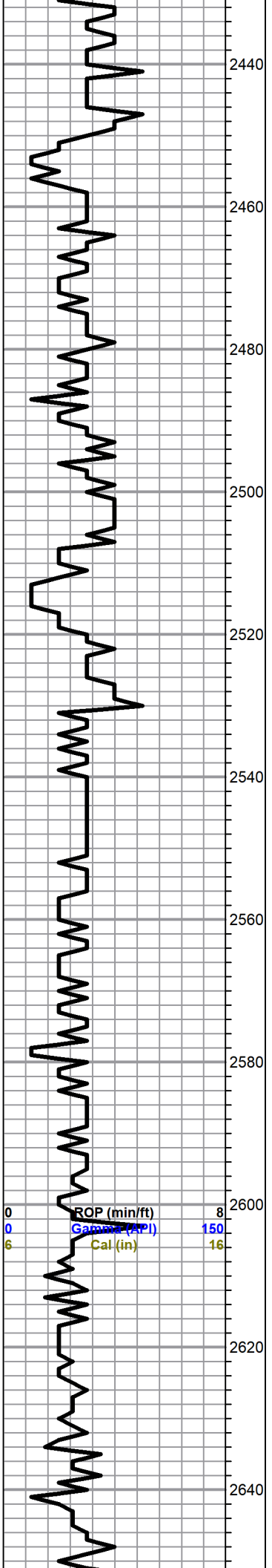
as above..fair intercrystalline porosity..

Dolomite,white,gray,highly cherty, with white dolomitic,Chert

as above,scattered vuggy porosity,slightly cherty



0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100



2440  
2460  
2480  
2500  
2520  
2540  
2560  
2580  
2600  
2620  
2640

as above,sucrosic in part,cherty, with pyrite

Dolomite,white,fxln,sucrosic,cherty,dense

as above

**MAQUOKETA 2523**

Shale,light gray,dolomitic

as above with Dolomite,gray,vfxln,dense

shale,gray,pale green,dolomitic

ditto as above

increase gray,dark gray,dolomitic shales

**VIOLA 2612(-1146)**

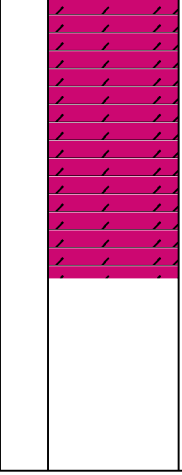
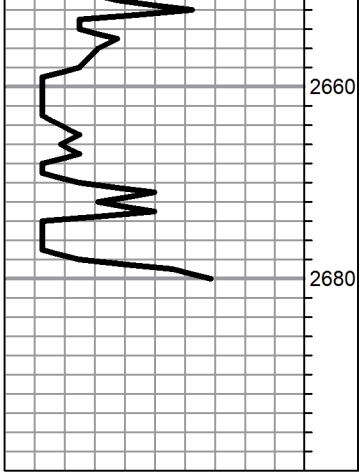
Dolomite,white,gray,medium crystalline,with gray,rounded shale pellets inclusions..no shows

Dolomite as above ,poor porosity

Dolomite,tan,dark brown,fxln,granular,few sucrosic,fair porosity..no shows

ROP (min/ft) 8  
Gamma (API) 150  
Cal (in) 16

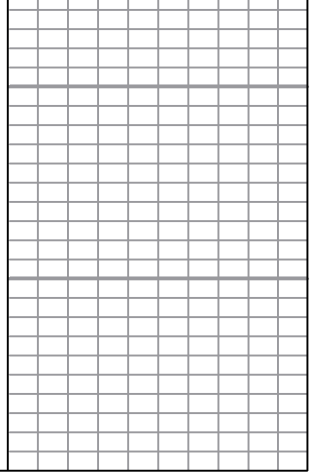
0 Total Gas (units) 100  
0 C1 (units) 100  
0 C2 (units) 100  
0 C3 (units) 100  
0 C4 (units) 100  
0 C5 (units) 100



Dolomite,as above,slightly cherty,fair vuggy porosity

Dolomite,gray,white,fine and medium crystalline,fair vuggy porosity,few with chalky luster and trace white chalk

**ROTARY TOTAL DEPTH 2680**





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



**Cement or Acid Field Report**  
 Ticket No. **6596**  
 Foreman Russell Mayo  
 Camp EUREKA

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
7-24-22	1300	CLARK # 1-22	22	13 S	0 E	GEARY	KS	
Customer <u>Blue Ridge Petroleum Corporation</u>			Safety Meeting <u>PM SF</u>		Unit # <u>111</u>	Driver <u>Shannon</u>	Unit # <u>112</u>	Driver <u>Russell</u>
Mailing Address <u>P.O. Box 30545</u>								
City <u>Edmond</u>	State <u>OK</u>	Zip Code <u>73003</u>						

Job Type ±T.A. Hole Depth \_\_\_\_\_ Slurry Vol. \_\_\_\_\_ Tubing \_\_\_\_\_  
 Casing Depth 307 Hole Size 7 7/8 Slurry Wt. \_\_\_\_\_ Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 8 3/4 Cement Left in Casing \_\_\_\_\_ Water Gal/SK \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement \_\_\_\_\_ Displacement PSI \_\_\_\_\_ Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_

Remarks: Plug well as follows

35 SK's @ 340'  
25 SK's @ 60'  
25 SK's Rathole  
20 SK's mousehole  
105 SK's TOTAL

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C-103	1	Pump Charge	1180.00	1180.00
C-107	100	Mileage	5.00	500.00
C-203	105	SK's 60/110 PC mix	15.75	1653.75
C-206	340 #	Gel = 4%	.30	102.00
C-108A	4.51	Tons Tax Mileage x 100 miles	1.50	676.50
				4118.25
			- 5%	(212.71)
			Sales Tax	136.51

Authorization by Duke Title Rig Foreman Highline Rig 2 Total 4012.05

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.