KOLAR Document ID: 1595166

Confident	tiality Re	equested:
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 #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas DH EOR	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to EOR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Source Data Data Data Data Data Data Data Dat	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	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:				

KOLAR Document ID: 1595166

Operator Nar	ne:			Lease Name:	Well #:
Sec	Twp	S. R	East West	County:	

Page Two

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				.og Fo	Formation (Top), Depth and Datum			Sample		
(Attach Additional Sh					Nam	е			Тор	Datum
Samples Sent to Geolog Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:			∕es ∐No ∕es ∏No ∕es ∏No ∕es ∏No							
		Rep	CASING ort all strings set-o	RECORD [Ne			c.		
Purpose of String	Size Hole Drilled		ze Casing et (In O.D.)	Weight Lbs. / Ft.		Settir Dept		Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING	/ SQL	JEEZE REG	CORD			
Purpose: Depth Perforate Top Bottom Protect Casing		Тур	e of Cement	# Sacks Use	ed			Type and Pe	ercent Additives	
Plug Back TD Plug Off Zone										
 Did you perform a hydra Does the volume of the Was the hydraulic fractular 	total base fluid of the	hydraulic fr	acturing treatment		-	ons?	res	No <i>(If No, ski</i> p	o questions 2 an o question 3) out Page Three (
Date of first Production/Inj Injection:	ection or Resumed Pr	oduction/	Producing Meth	nod:		Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er	Bbls.	G	as-Oil Ratio	Gravity
DISPOSITION			_						PRODUCTIC Top	ON INTERVAL: Bottom
Vented Sold	Used on Lease		Open Hole			Comp. ACO-5)	Comming (Submit AC			
Shots Per Perforation Perforation Bridge Plug Bridge Plug Foot Top Bottom Type Set At							enting Squeeze of Material Used)			
TUBING RECORD:	Size:	Set At:		Packer At:						

Form	ACO1 - Well Completion
Operator	BlueRidge Petroleum Corporation
Well Name	BACON 1-16
Doc ID	1595166

All Electric Logs Run

CDN	
DIL	
SON	
Micro	

Form	ACO1 - Well Completion
Operator	BlueRidge Petroleum Corporation
Well Name	BACON 1-16
Doc ID	1595166

Tops

Name	Тор	Datum
Lansing	1670	-262
ВКС	2020	-612
Marmaton	2114	-706
Mississippi	2523	-1115
Kinderhook	2710	-1302
Hunton	2878	-1470
Marquota Sh	3030	-1622
Viola	3116	-1708
Simpson Sh	3189	-1781
Simpson Sand	3229	-1821
Arbuckle	3296	-1888

Form	ACO1 - Well Completion
Operator	BlueRidge Petroleum Corporation
Well Name	BACON 1-16
Doc ID	1595166

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	23	231	Class A	2% Gel, 3% CC

Cement or	Acid Field Report
Ticket No	5937
Foreman _	Russell Maloy
Camp E	ureKA

		CEMENTING & ACID S			- 1010 M.C.	Camp	Eureka	5'
Date	Cust. ID #	Lease & Well Number		Section	Township	Range	County	State
9-25-21	1300	BACON 1-16		16	15	8	Morris	Ks
Customer	DGe Pe	troleum CorPoration	Safety Meeting Rm AB Shaww	Unit# 105 110 128	AB	NNON SSEIL	Unit #	Driver
city Ed mon c		State Zip Code のK 13003						
Casing Depth	131 1.85/6	Hole Depth _ ユ Hole Size _ 1 ユ '/ 4 ユサギ Cement Left in Casing <u>スロ' ナ</u> Displacement PSI	./	Water Gal/SK	6.5	C	Fubing Drill Pipe Dther 3PM	
Fresh W @ 15# Vie	Ater, m 10 1.36	JOB Procedule, Rig TO NX 140 SKS CIASS A P = 34 Slurry. Dis Place u CASING IT. JUB COMPLE	Leguin H 147	r Cement 4 Rol Fres	h water h water	B Bb CYUND	295 Gel 14 # F	-losen-l

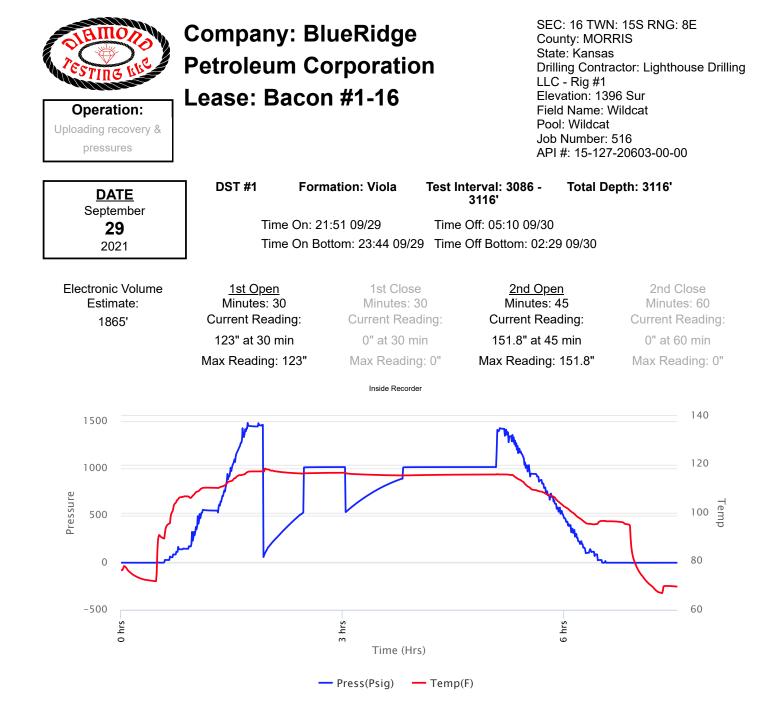
Directions 6 North Council Grove to K ROAD 1314 WEST South Side. on ing

Code	Qty or Units	Description of Product or Services	Unit Price	Total
6-101	a S. Americano	Pump Charge	890.00	890.00
C-107	85	Mileage	4.20	357.00
C-200	140	SKS CIASS A RegulAR CEMENT	17.35	2.429.00
6-205	395 1	SKS CIASS A Regular Coment CACIZ = 3%	. 69	272.55
6.206	265 #	Gel = 2%	.28	24.20
6-209	35 #	Flucele = 1/4 # Perisic	2.60	91.00
	*			
C-108 B	6.5B	Ton's TON Milenge ON BUIK TIC & B5 miles	1.40	183.02
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			- 59. Sales Tax	2255.59>
	in billion	arile Codter Title Lighthouse Tool Pushen	Total	4856.19

APT 15-127-20603-00-00

810 E 7TH PO Box 92 **EUREKA, KS 67045**

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.



SEC: 16 TWN: 15S RNG: 8E County: MORRNS State: Kanasa Drilling Contractor: Lighthouse Drilling LC- Rig #1 Elevation: 1396 Sur Field Name: Wildcat Job Number: 516 API #: 15-127-20603-00-00 DATE September 29 2021 DST #1 Formation: Viola Test Interval: 3086 - Total Depth: 3116' Time On: 21:51 09/29 Time Off: 05:10 09/30 Time On Bottom: 23:44 09/29 Time Off: 05:10 09/30 Time Off: 05:10	ighthouse Drilling					
	DST #1 F	ormation: Viola			Total Depth: 3	116'
	Time Or	. 21.51 00/20		05.40 00/20		
					00/00	
2021		1 Bottom: 23:44 09/	29 Time Off E	sottom: 02:28	9 09/30	
Recovered						
	Descriptio	on of Fluid	Gas %	Oil %	Water %	Mud %
473 6.7307	-					
			0	0		
630 6.7072	25 SLM	1CW	0	0	98	2
				Recover	y at a glance	
Initial Hydrostatic Pres	sure 1457	PSI	10			
Initial	Flow 61 to 534	PSI	BB			
Initial Closed in Pres	sure 1017	PSI				
Final Flow Pres	sure 538 to 892	PSI				
Final Closed in Pres	sure 1016	PSI	0		Pecove	ry
Final Hydrostatic Press	sure 1431	PSI			Recove	r y
Tempera	ature 119	°F				
Pressure Change I	nitial 0.1	%				
Close / Final C	lose		GIP cubic foot	volume: 0		



Company: BlueRidge Petroleum Corporation Lease: Bacon #1-16

SEC: 16 TWN: 15S RNG: 8E County: MORRIS State: Kansas Drilling Contractor: Lighthouse Drilling LLC - Rig #1 Elevation: 1396 Sur Field Name: Wildcat Pool: Wildcat Job Number: 516 API #: 15-127-20603-00-00

Uploading recovery & pressures

> DATE September 29 2021

BUCKET MEASUREMENT:

1st Open: 1" Blow. BOB in 2 mintues 1st Close: NOBB 2nd Open: 2" Blow. BOB in 2 mintues 2nd Close: NOBB

REMARKS:

Slid to bottom about 2 feet. Took in about 2 foot if mud.

DST #1

Tool Sample: 0% Gas 0% Oil 98% Water 2% Mud

Ph: 8

Measured RW: 1.3 @ 72 degrees °F

RW at Formation Temp: 0.814 @ 119 °F

Chlorides: 500 ppm

Formation: Viola

Time On: 21:51 09/29

Test Interval: 3086 -3116'

Total Depth: 3116'

Time Off: 05:10 09/30 Time On Bottom: 23:44 09/29 Time Off Bottom: 02:29 09/30



Operation: Uploading recovery & pressures

Company: BlueRidge **Petroleum Corporation** Lease: Bacon #1-16

SEC: 16 TWN: 15S RNG: 8E County: MORRIS State: Kansas Drilling Contractor: Lighthouse Drilling LLC - Rig #1 Elevation: 1396 Sur Field Name: Wildcat Pool: Wildcat Job Number: 516 API #: 15-127-20603-00-00

DATE	
September	
29	
2021	

DST #1 **Formation: Viola**

Test Interval: 3086 -3116'

Total Depth: 3116'

Time On: 21:51 09/29 Time On Bottom: 23:44 09/29 Time Off Bottom: 02:29 09/30

Time Off: 05:10 09/30

Down Hole Makeup

Heads Up:	9.370000000002 FT	Packer 1:	3081 FT
Drill Pipe:	2827.71 FT	Packer 2:	3086 FT
ID-3 1/2		Top Recorder:	3073 FT
Weight Pipe: ID-2 7/8	FT	Bottom Recorder:	3088 FT
Collars:	242.5 FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
Test Tool:	26.16 FT	Bottom Choke:	5/8"
ID-3 1/2-FH			
Total Anchor:	30		
	<u>Makeup</u>		
Packer Sub:	1 FT		
Perforations: (top):	FT		
Perforations: (top): 4 1/2-FH	FT		
	FT FT		
4 1/2-FH Change Over: Drill Pipe: (in anchor):			
4 1/2-FH Change Over:	FT		
4 1/2-FH Change Over: Drill Pipe: (in anchor):	FT		

Coperation: Uploading recovery & pressures	Petroleun	: BlueRidge n Corporatio Icon #1-16	Co Sta Dri LL Ele Fie Po Jol	C: 16 TWN: 15S RNG: 8E Junty: MORRIS ate: Kansas Iling Contractor: Lighthouse Drilling C - Rig #1 evation: 1396 Sur eld Name: Wildcat ol: Wildcat ol: Wildcat o Number: 516 PI #: 15-127-20603-00-00
DATE Sontamber	DST #1	Formation: Viola	Test Interval: 3086 - 3116'	Total Depth: 3116'
September 29	Time	On: 21:51 09/29	Time Off: 05:10 09/30)
2021	Time	On Bottom: 23:44 09/29	Time Off Bottom: 02:2	29 09/30
		Mud Prope	rties	
Mud Type: Chem	Weight: 8.8	Viscosity: 48	Filtrate: 11.7	Chlorides: 379 ppm

Contraction: Uploading recovery & pressures	Petroleu	y: BlueRidge m Corporatio acon #1-16	n	SEC: 16 TWN: 15S RNG: 8E County: MORRIS State: Kansas Drilling Contractor: Lighthouse Drilling LLC - Rig #1 Elevation: 1396 Sur Field Name: Wildcat Pool: Wildcat Job Number: 516 API #: 15-127-20603-00-00
DATE September	DST #1	Formation: Viola	Test Interval: 3086 3116'	- Total Depth: 3116'
29	Tin	ne On: 21:51 09/29	Time Off: 05:10 09	/30
2021	Tin	ne On Bottom: 23:44 09/2	9 Time Off Bottom: 0	2:29 09/30
		Gas Volume	Report	



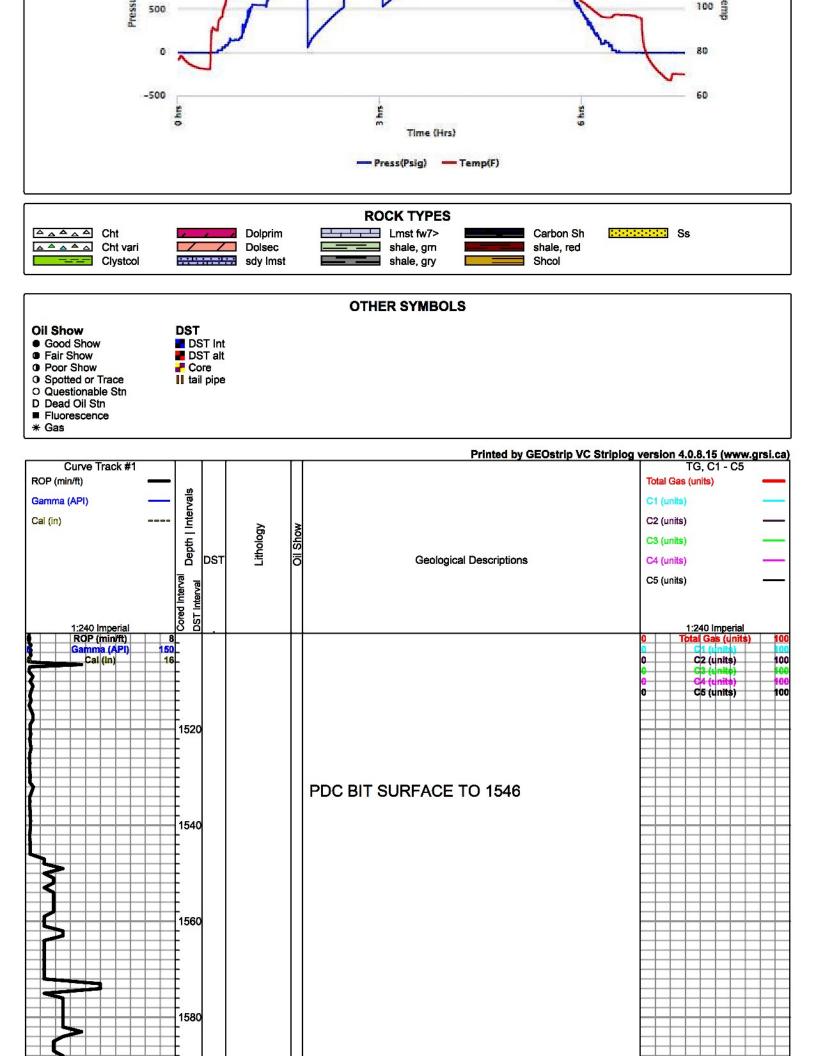
	Company: Address: Contact Geologist: Contact Phone Nbr: Well Name: Location: API: Pool:	OPERATOR Blueridge Petroleum Corporation PO Box 30545 Edmond, OK 73003-0545 Jim Musgrove 620-786-0839 Bacon 1-16 16-15s-8e SE-NE-NW-NW 15-127-20603-00-00	Field:	Wildcat
l	State:	Kansas	Country:	USA
		BRPC BlueRidge Petroleum Corporation P.O. Box 30545 Edmond, OK 73003 (580) 242-3732		
		Scale 1:240 Imperial		
	Well Name: Surface Location: Bottom Location: API:	Bacon 1-16 16-15s-8e SE-NE-NW-NW 15-127-20603-00-00		
	License Number: Spud Date:	31930 9/23/2021	Time:	12:00 AM
	Region: Drilling Completed:	Morris 10/1/2021	Time:	12:00 AM
	Surface Coordinates: Bottom Hole Coordinates: Ground Elevation: K.B. Elevation: Logged Interval: Total Depth:	423' FNL & 1194' FWL 1396.00ft 1408.00ft 1300.00ft 0.00ft	To:	3289.00ft
	Formation: Drilling Fluid Type:	Viola Chemical/Fresh Water Gel		
ſ		SURFACE CO-ORDINATE	S	
	Well Type: Longitude:	Vertical		
	Latitude: Latitude: N/S Co-ord: E/W Co-ord:	423' FNL 1194' FWL		
ſ		LOGGED BY		
	(Husgrou Petroleum 212 Main Stree		
	Company: Address:	James C Musgrove Petroleum LL 212 Main Street/PO Box 215 Claflin, KS 67525	с	
	Phone Nbr: Logged By:	620-588-4250 620-786-08 KLG #307	Name:	James C Musgrove
	Contractor: Rig #: Rig Type:	CONTRACTOR Lighthouse Drilling 1 mud rotary	T	40-00 414
	Spud Date: TD Date: Rig Release:	9/23/2021 10/1/2021	Time: Time: Time:	12:00 AM 12:00 AM
ſ		ELEVATIONS		
	K.B. Elevation:		d Elevation:	1396.00ft

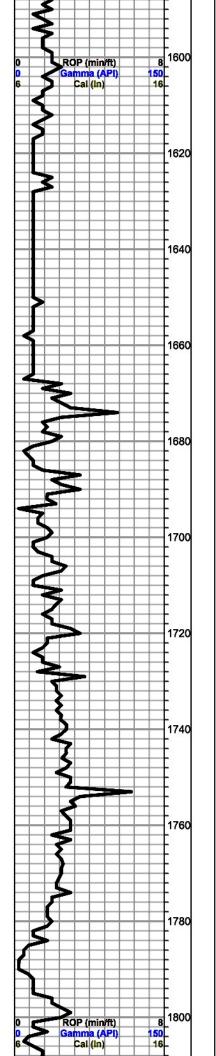
R.D. to Ground. TZ.OUI

NOTES Log tops on Lower Section of Bacon #1-16 are consistently 6-8 ft deeper than driller measurements. (DST #1 corrected to log measurement depth)
The Bacon #1-16 was plugged and abandoned at the RTD 3331 (-1923)
Respectfully,
James C Musgrove Petroleum Geologist

	ý.	BACON	1-16			G.L. SC	COTT #1		SC	HOFF-LEED	S FARM I	INC	
	BLUBRIDGE PETROLBUM CORP SE-NE-NW-NW 16-155-8e				CONOCO	INC.		PEND	LETON LAD	ND & MXPI	L INC		
				5W-5W-52 16-155-8e				SW-S	B-NW				
								8-15	s-8e				
							Struct	tural			Strug	otural	
	1408	KB			1410	KB	Relatio	onship	1401	KB	Relati	onship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log	
Reebner		14 14	1413	-5		14			1407	-6	0	1	
Lansing	-		1670	-262				0	1646	-245		-17	
Base Kansas City		5	2020	-612		1			2000	-599	(-13	
Mazmaton	1	6	2114	-706					2086	-685		-21	
Mississippian	÷	1. 10	2523	-1115		a - 10		· · · · ·					
Kinderhook	a l	s 20	2710	-1302		6 9			2648	-1247	v in	-55	
Hunton	25		2878	-1470	2898	-1488		16	2830	-1429		-41	
Marquota Shale	4		3030	-1622	3026	-1616		-6	2993	-1592		-30	
Viola		4 93	3116	-1708	3112	-1702		-6	3076	-1675	11 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -	-33	
Simpson Shale			3189	-1781	3188	-1778		-3	3149	-1748		-33	
Simpson Sand			3229	-1821	3227	-1817		-4	3188	-1787		-34	
Arbuckle		1	3296	-1888	3290	-1880		-8	3258	-1857		-32	
Rotary Total Depth		1 1			3370	-1960							
Log Total Depth			3331	-1923					3289	-1888		-35	







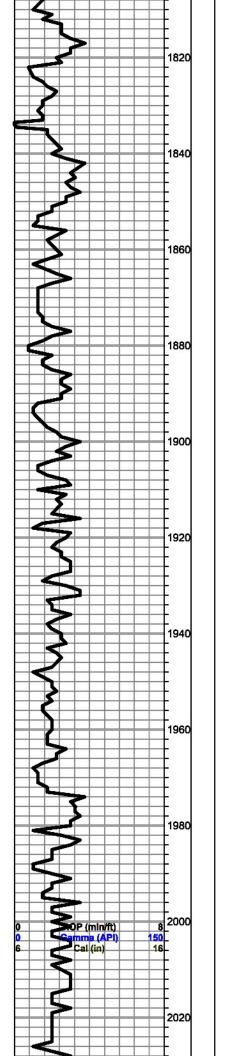
NO MUD IN SYSTEM

LANSING 1669

NO MUD IN SYSTEM..VISCOSITY NOT HIGH ENIUGH TO CATCH REPRESENTATIVE SAMPLES

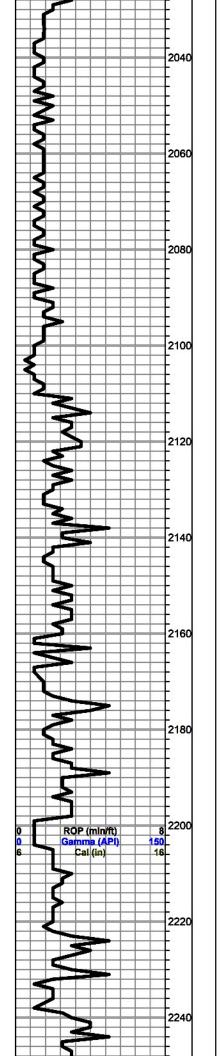
AS ABOVE 95%SHALES,SCATTERED LIMESTONES AND UPPER FINE GRAINED SANDS

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NO MUD IN SYSTEM NO MUD IN SYSTEM BASE KANSAS CITY 2018(-610)

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BASE KANSAS FORMATION	PICK OFF OF DRILLING
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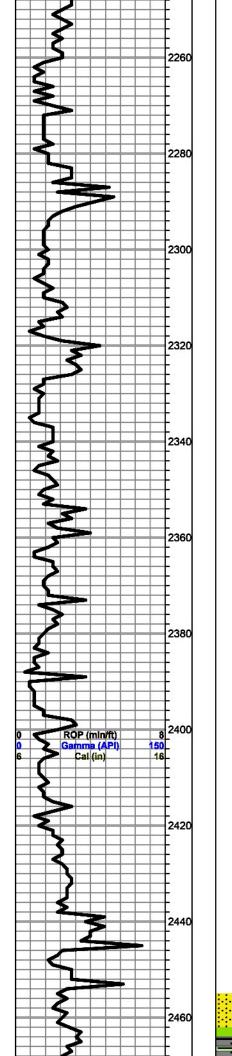
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MARMATON 2111(-703)

MARMATON FORMATION TOP PICKED OFF OF DRILLING TIME SAMPLES POOR

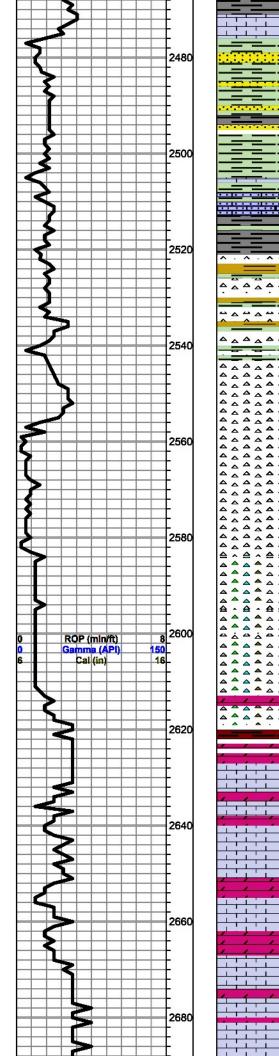
NO MUD IN SYSTEM

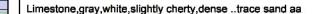
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NO MUD IN SYSTEM visc 36 samples improving Shale,gray,grayish green,soft ,trace pyrite trace sand, white, pale green, ver fine grained, subrounded .poor porosiyi aa,with Sand,green,calcerous.poor visible porosity

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Shales, varied shades of gray, trace pyrite

MISSISSIPPIAN 2521(-1113)

Chert,white,boney,fresh,withblack,gray,rusty brown Shales

Chert,gray,white,boney,freshwith transcluent Chert and Shale,black,green to gray

Chert, white, gray, boney and transcluent, with Chert, varied shades of gray and speckled,trace pyrite

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Chert aa

Chert as above .with Shale,brown ,choclate brown,

Dolomite,tan,sucrosic,poor porosity no shows

Limestone, white, medium crystalline, fossiliferous, chalky in part

Limestone.dolomite and Cherts aa

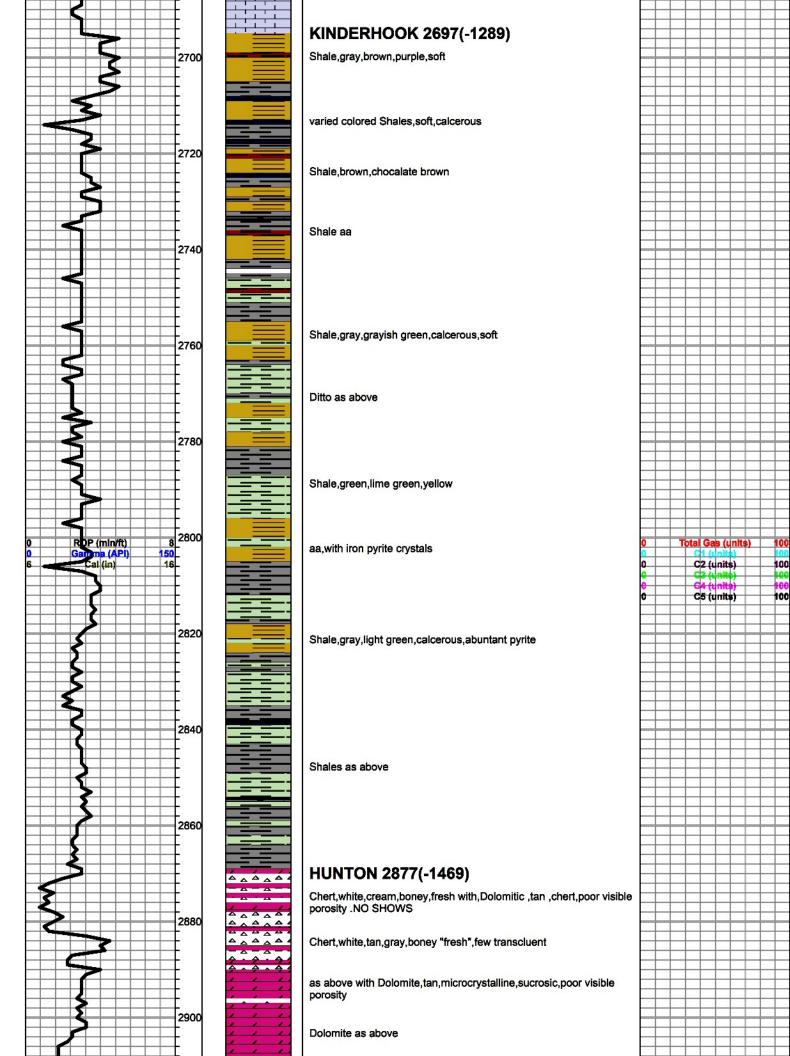
Dolomite,tan,white,sucrosic,scattered vuggy porosity,(barren)

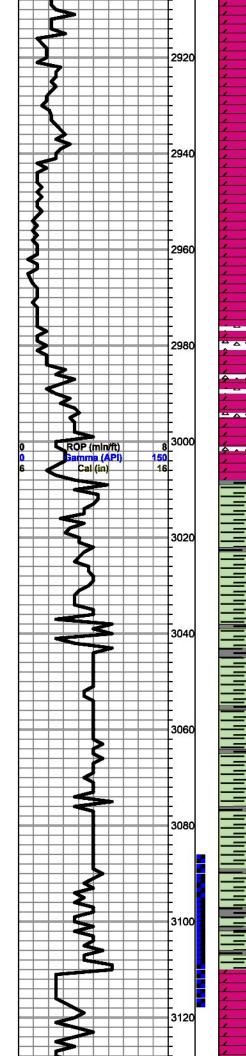
Limestone,aa

Dolomite,tan,brown,fine crystaline,sucrosic,slightly cherty

Limestone,tan,medium crystalline,few coarse crystalline,chalky,poor visible porosity..no shows

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as above wih Chert as above

Dolomite,white,gray,fine and medium crystalline,scattered intercrystalline porosity,no shows

Dolomite, as above, fair vuggy type porosity, no shows

Dolomite,white,cream,finely crystalline,slightly glauconitic,good vuggy type porosity,no shows

Dolomite, white, tan, finely crystalline, good porosity, with Chert, tan, white, opaque

as above trace iron pyrite

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MAQUOKETA 3012(-1604)

Shale,gray to grayish green dolomitic ,,

aa ,silty, dolomitic

ditto as above

Shale,gray,light gray,to grayish green ,silty in part,dolomitic in part

as above

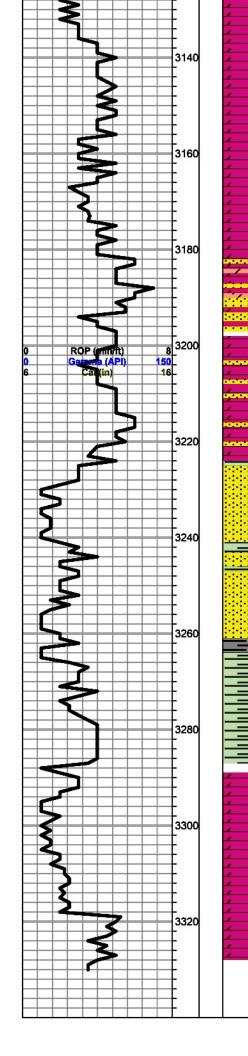
as above

VIOLA 3108(-1700)

Dolomite, white, off white, light gray, fine to medium crystalline, fair to good intercrystalline and vuggy type porosity, trace poor black stain, show of free oil(black, tarrry, dead appearing) and no odor

Dolomite,as above,no shows

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Dolomite,tan,medium crystalline, fair porosity,no shows

Dolomite,tan,brown,finely crystalline,sucrosic,cherty,dense ,trace brown shale

Dolomite as above with Chert, white, boney

Dolomite,gray,tan,fine and medium crystalline, with tan ,dense,cherty,Dolomite..no show

SIMPSON 3182(-1774)

Dolomite,tan,fine crystalline,granular,sandy in part,(very fine quartz grains,rounded),few with questionable discoloration.no show of free oil and no odor

Sand,white,tan,clear,quartzitic,fine and medium grained,subrounded ,friable,fair intergranular porosity,trace black flakey stain,no free oil and questinable odor

Dolomite and sand as above..NO SHOWS

SIMPSON SAND 3224(-1816)

Sand,clear,quartzitic,fine and medium grained,rounded and subrounded,good sorting,friable,good intergranular porosity, with abuntant loose unconsoidated quartz grains

Sand ,as above, with white chalk

as above

Shale,green,arnmy green,gray,rusty brown,soft to sub waxey

aa

ARBUCKLE 3290

Dolomite,tan,gray,white,fine crystalline,few medium crystalline,poorly developed porosity

aa,with Chert,white,boney

Dolomite,gray,white,cream finely crystalline,cherty,dense poor visible porosity no shows

RTD 3330

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