

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) (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	PARKERSON 2-11
Doc ID	1594872

All Electric Logs Run

CDN
DIL
SON
Micro

Form	ACO1 - Well Completion
Operator	BlueRidge Petroleum Corporation
Well Name	PARKERSON 2-11
Doc ID	1594872

Tops

Name	Top	Datum
Heebner	1208	+301
Toronto	1219	+1219
Douglas Sh	1248	+261
Lansing	1420	+89
BKC	1723	-214
Hunton	1911	-402
Marquota Sh	1932	-423
Viola	2017	-508
Simpson Sand	2132	-623
Arbuckle	2206	-697





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



**Cement or Acid Field Report**  
 Ticket No. **5941**  
 Foreman David Gardner  
 Camp Eureka

API # 15-197-20318

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
10-6-21	1300	Parkerson # 2-11	11	14S.	8 E.	Wabaunsee	KS	
Customer <u>Blue Ridge Petroleum Corporation</u>			Unit #		Driver		Unit #	
Mailing Address <u>P.O. Box 30545</u>			105		Jason			
City <u>Edmond</u>			114		Bricker			
State <u>OK</u>								
Zip Code <u>73003</u>								

Job Type Surface Hole Depth 338' K.B. Slurry Vol. 52 Bbl Tubing \_\_\_\_\_  
 Casing Depth 318' G.L. Hole Size 12 1/4" Slurry Wt. 15<sup>#</sup> Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 8 5/8" Cement Left in Casing 20' +/- Water Gal/SK \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement 20 Bbl Displacement PSI \_\_\_\_\_ Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_

Remarks: Safety Meeting: Rig circulated w/ mud pump. Shut down & well went on vacuum. Rig up to 8 5/8" casing. Break circulation w/ 10 Bbl fresh water. Mixed 200 SKS Class A' Cement w/ 3% Cactz, 2% Gel, 1/4" Floseal/sk @ 15<sup>#</sup>/gal, yield 1.45 = 52 Bbl slurry. (Mixed 3 SKS Cottonseed Hulls from Rig in the 1<sup>st</sup> 20 Bbl cement slurry to help w/ loss circulation). Displace w/ 20 Bbl fresh water. Good cement returns to surface = 12 Bbl slurry to pit. Shut down. Close casing in. 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	85	Mileage	4.20	357.00
C200	200 SKS	Class A' Cement	17.35	3470.00
C205	565 <sup>#</sup>	Cactz 3%	.69	389.85
C206	375 <sup>#</sup>	Gel 2%	.28	105.00
C209	50 <sup>#</sup>	Floseal 1/4"/sk	2.60	130.00
C108B	9.4 Tons	Ton Mileage - Bulk Truck	1.40	1118.60
<u>Thank You</u>			Sub Total	6,460.45
			Less 5%	339.40
			8.0% Sales Tax	327.59
Authorization <u>by Charlie Coulter</u> Title <u>Tool Pusher - Lighthouse Drilling</u>			Total	6,448.64

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.

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



Light House Drlg.

**Cement or Acid Field Report**

Ticket No. **5945**  
 Foreman David Gardner  
 Camp Eureka

API # 15-197-20318

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
10-12-21	1300	Parkerson # 2-11	11	14 S.	8 E.	Wabounsee	KS
Customer	Mailing Address	City	State	Zip Code	Safety Meeting	Unit #	Driver
Blue Ridge Petroleum Corporation	P.O. Box 30545	Edmond	OK	73003	DG JH SF SM	105	Jason
						114	Shannon
						145	Steve

Job Type Longstring Hole Depth 2300' K.B. Slurry Vol. 33 Bbl Tubing \_\_\_\_\_  
 Casing Depth 2294.58' K.B. Hole Size 7 7/8" Slurry Wt. 13.8\* Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 5 1/2" 1550\* Cement Left in Casing 35.95' S.J. Water Gal/SK \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement 54 1/2 Bbl Displacement PSI 450 Bump Plug to 950 PSI BPM \_\_\_\_\_

Remarks: Safety Meeting: 5 1/2" 15.50\* casing set @ 2294.58' K.B. Rig tagged bottom w/ casing & circulated w/ mud pump for 1 HR. Rig up to 5 1/2" casing. Break circulation w/ 10 Bbl fresh water. Mixed 100 SKS Thick Set Cement w/ 5\* Kolseal/sk, 1\* Phenoseal/sk @ 13.8\*/gal, yield 1.85 = 33 Bbl slurry. Wash out pump & lines. Shut down. Release 5 1/2" Latch down plug. Displace plug to seat w/ 54 1/2 Bbl fresh water. (KCL in 1<sup>st</sup> 20 Bbl Displacement water). Final pumping pressure of 450 PSI. Bump plug to 950 PSI. Wait 2 mins. Release pressure. float & plug held. Good circulation @ all times while cementing. Job complete. Rig down.

Plug Rathole & Mouse hole  
Centralizers on #1, 2, 3, 4, 5, 6, 7, 8

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C102	1	Pump Charge	1100.00	1100.00
C107	85	Mileage	4.20	357.00
C201	135 SKS	Thick Set Cement	22.55	3044.25
C207	675*	Kolseal 5*/sk	.52	351.00
C208	135*	Phenoseal 1*/sk	1.45	195.75
C108B	7.42 Tons	Ton Mileage - Bulk Truck	1.40	882.98
C113	4 HRS	80 Bbl Vac Truck	90.00 /HR	360.00
C224	3300 Gals.	City Water	11.00/1000	36.30
C691	1	5 1/2" Guide Shoe	193.00	193.00
C674	1	5 1/2" AFU Float Collar w/ Latch Down Insert	395.00	395.00
C421	1	5 1/2" Latch Down Plug	266.00	266.00
C511	8	5 1/2" x 7 7/8" Turbo Centralizers	73.00	584.00
C222	1 Gal	KCL (In 1 <sup>st</sup> 20 Bbl Displacement water)	30.00	30.00
<u>Thank You</u>			Sub Total	7,795.28
			Less 5%	410.14
			8.0% Sales Tax	407.62
Authorization <u>Randy App</u> Title _____			Total	7,792.76

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.



**BlueRidge Petroleum Corporation**



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

Scale 1:240 Imperial

Well Name:	PARKERSON #2-11		
Surface Location:	E2 NW NW NW Sec. 11 - 14S - 8E		
Bottom Location:			
API:	15-197-20318		
License Number:	31930		
Spud Date:	10/6/2021	Time:	9:05 AM
Region:	WABAUNSEE COUNTY		
Drilling Completed:	10/11/2021	Time:	11:35 PM
Surface Coordinates:	330' FNL & 530' FWL		
Bottom Hole Coordinates:			
Ground Elevation:	1497.00ft		
K.B. Elevation:	1509.00ft		
Logged Interval:	700.00ft	To:	2300.00ft
Total Depth:	2300.00ft		
Formation:	HUNTON; VIOLA		
Drilling Fluid Type:	FRESH WATER / CHEMICAL GEL		

**OPERATOR**

Company:	BLUERIDGE PETROLEUM CORPORATION		
Address:	P. O. BOX 30545		
	EDMOND, OK 73003-0545		
Contact Geologist:	JONATHAN ALLEN		
Contact Phone Nbr:	(316) 721-0036		
Well Name:	PARKERSON #2-11		
Location:	E2 NW NW NW Sec. 11 - 14S - 8E		
API:	15-197-20318		
Pool:		Field:	ALTA VISTA EAST
State:	KANSAS	Country:	USA

**SURFACE CO-ORDINATES**

Well Type:	Vertical
Longitude:	-96.499376
Latitude:	38.852255
N/S Co-ord:	330' FNL
E/W Co-ord:	530' FWL

**LOGGED BY**



Company:	BIG CREEK CONSULTING, INC.
Address:	3504 DUNCAN ST ST. JOE, MO 64507

Phone Nbr:	(785) 259-3737	Name:	JEFF LAWLER
Logged By:	GEOLOGIST		

**CONTRACTOR**

Contractor: LIGHTHOUSE DRILLING, LLC  
 Rig #: 2  
 Rig Type: MUD ROTARY  
 Spud Date: 10/6/2021  
 TD Date: 10/11/2021  
 Rig Release: 10/13/2021  
 Time: 9:05 AM  
 Time: 11:35 PM  
 Time: 8:00 AM

**ELEVATIONS**

K.B. Elevation: 1509.00ft  
 K.B. to Ground: 12.00ft  
 Ground Elevation: 1497.00ft

**NOTES**

DUE TO ECONOMICAL RECOVERY ON DST'S DECISION WAS MADE TO RUN 5 1/2" PRODUCTION CASING TO FURTHER EVALUTATE ZONES UPON COMPLETION.

RESPECTFULLY SUBMITTED,  
 JEFF LAWLER

**WELL COMPARISON SHEET**

FORMATION	PARKERSON #2-11				SE SW NW NW 11-14-8E				C E2 E2 SE 1-14-8E				C E2 W2 SW 2-14-8E				NW SW NW 11-14-8E							
	LOG TOPS		SAMPLE TOPS		COMP. CARD		LOG		SMPL.		COMP. CARD		LOG		SMPL.		COMP. CARD		LOG		SMPL.			
	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.
	HEEBNER SHALE	1208	301	1207	302	1192	300	+ 1	+ 2	1158	300	+ 1	+ 2	1220	253	+ 48	+ 49	1171	310	- 9	- 8			
TORONTO	1219	290	1216	293	1201	291	- 1	+ 2					1232	241	+ 49	+ 52								
DOUGLAS SHALE	1248	261	1238	271	1218	274	- 13	- 3					1252	221	+ 40	+ 50	1260	221	+ 40	+ 50				
LANSING	1420	89	1421	88	1408	84	+ 5	+ 4	1373	85	+ 4	+ 3	1403	70	+ 19	+ 18	1393	88	+ 1	+ 0				
BKC	1723	-214	1724	-215	1713	-221	+ 7	+ 6	1684	-226	+ 12	+ 11	1709	-236	+ 22	+ 21	1697	-216	+ 2	+ 1				
CHEROKEE	1852	-343	1855	-346	1844	-352	+ 9	+ 6	1821	-363	+ 20	+ 17	1840	-367	+ 24	+ 21	1836	-355	+ 12	+ 9				
HUNTON	1911	-402	1912	-403	1898	-406	+ 4	+ 3	1874	-416	+ 14	+ 13	1896	-423	+ 21	+ 20	1890	-409	+ 7	+ 6				
MAQUOKETA SHALE	1932	-423			1935	-443	+ 20		1962	-504	+ 81						1955	-474	+ 51					
VIOLA	2017	-508	2022	-513	2015	-523	+ 15	+ 10	2048	-590	+ 82	+ 77	2008	-535	+ 27	+ 22	2040	-559	+ 51	+ 46				
SIMPSON SAND	2132	-623	2134	-625	2130	-638	+ 15	+ 13					2106	-633	+ 10	+ 8	2150	-669	+ 46	+ 44				
ARBUCKLE	2206	-697	2207	-698	2206	-714	+ 17	+ 16					2196	-723	+ 26	+ 25	2224	-743	+ 46	+ 45				
TOTAL DEPTH	2300	-791	2300	-791	2301	-809	+ 18	+ 18	2070	-612	- 179	- 179	2250	-777	- 14	- 14	2235	-754	- 37	- 37				

**DST #1 HUNTON 1908' - 1916'**



Company: BlueRidge Petroleum Corporation  
 Lease: Parkerson #2-11

SEC: 11 TWN: 14S RNG: 8E  
 County: WABAUNSEE  
 State: KS  
 Drilling Contractor: Lighthouse Drilling LLC - Rig #1  
 Elevation: 1497 Sur  
 Field Name: Alta Vista East  
 Pool: Infield  
 Job Number: 521  
 API #: 15-197-20318-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 October  
 09  
 2021

**DST #1** Formation: Hunton Test Interval: 1908 - 1916' Total Depth: 1916'  
 Time On: 09:23 10/09 Time Off: 14:23 10/09  
 Time On Bottom: 10:46 10/09 Time Off Bottom: 12:46 10/09

**Recovered**

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
65	0.3198	SLOCM	0	4	0	96

Total Recovered: 65 ft  
 Total Barrels Recovered: 0.3198

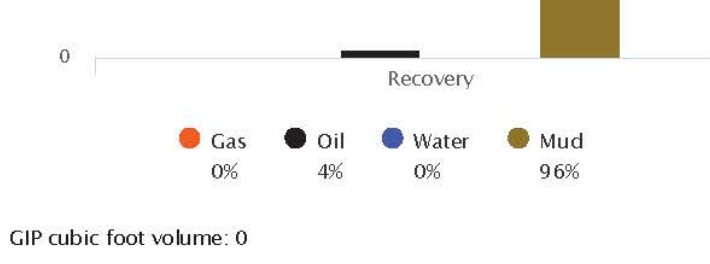
Reversed Out  
 NO

**Recovery at a glance**

Initial Hydrostatic Pressure 872 PSI  
 Initial Flow 14 to 14 PSI  
 Initial Closed in Pressure 520 PSI



Initial Closed in Pressure	320	PSI
Final Flow Pressure	15 to 43	PSI
Final Closed in Pressure	347	PSI
Final Hydrostatic Pressure	871	PSI
Temperature	107	°F
Pressure Change Initial Close / Final Close	33.3	%



**DST #1 HUNTON 1908' - 1916'**



**Company: BlueRidge Petroleum Corporation**  
**Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
 County: WABAUNSEE  
 State: KS  
 Drilling Contractor: Lighthouse Drilling LLC - Rig #1  
 Elevation: 1497 Sur  
 Field Name: Alta Vista East  
 Pool: Infield  
 Job Number: 521  
 API #: 15-197-20318-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 October  
**09**  
 2021

**DST #1 Formation: Hunton Test Interval: 1908 - 1916' Total Depth: 1916'**  
 Time On: 09:23 10/09 Time Off: 14:23 10/09  
 Time On Bottom: 10:46 10/09 Time Off Bottom: 12:46 10/09

Electronic Volume Estimate:  
 0'

**1st Open**  
 Minutes: 30  
 Current Reading:  
 0" at 30 min  
 Max Reading: 0"

**1st Close**  
 Minutes: 30  
 Current Reading:  
 0" at 30 min  
 Max Reading: 0"

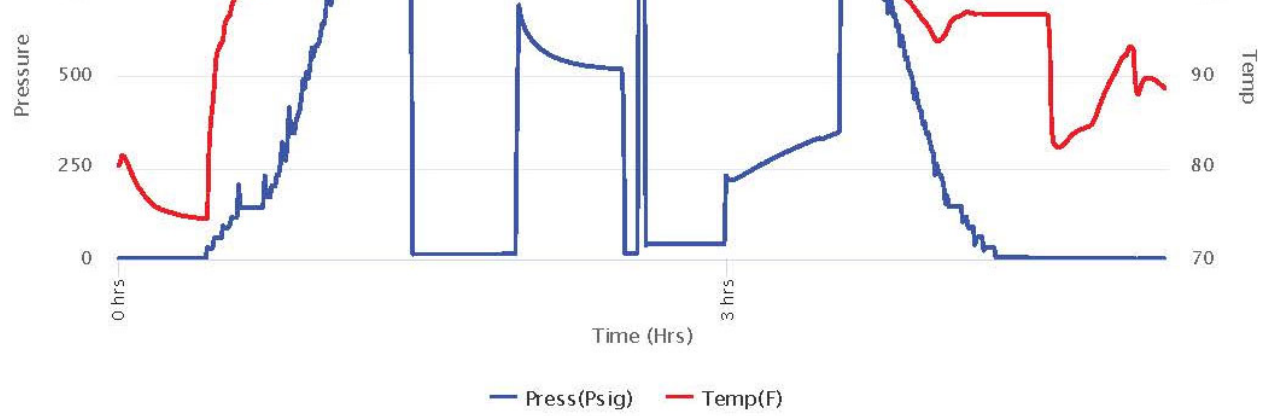
**2nd Open**  
 Minutes: 30  
 Current Reading:  
 0" at 30 min  
 Max Reading: 0"

**2nd Close**  
 Minutes: 30  
 Current Reading:  
 0" at 30 min  
 Max Reading: 0"

Inside Recorder







### DST #2 HUNTON 1912' - 1929'



**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**

Uploading recovery &  
pressures

**DATE**

October  
**09**  
2021

**DST #2 Formation: Hunton Test Interval: 1912 - 1929' Total Depth: 1929'**

Time On: 20:36 10/09 Time Off: 02:25 10/10  
Time On Bottom: 22:22 10/09 Time Off Bottom: 00:22 10/10

**Recovered**

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
195	0.9594	SLOCM	0	6	0	94

Total Recovered: 195 ft  
Total Barrels Recovered: 0.9594

**Reversed Out  
NO**

**Recovery at a glance**

Initial Hydrostatic Pressure	872	PSI
Initial Flow	26 to 31	PSI
Initial Closed in Pressure	551	PSI
Final Flow Pressure	32 to 107	PSI
Final Closed in Pressure	176	PSI

BBL

0.5

0



Final Closed Int Pressure 470 PSI  
 Final Hydrostatic Pressure 813 PSI  
 Temperature 105 °F  
 Pressure Change Initial 13.5 %  
 Close / Final Close

Recovery  
 Gas 0% Oil 6% Water 0% Mud 94%

GIP cubic foot volume: 0

**DST #2 HUNTON 1912' - 1929'**



**Company: BlueRidge Petroleum Corporation**  
**Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
 County: WABAUNSEE  
 State: KS  
 Drilling Contractor: Lighthouse Drilling LLC - Rig #1  
 Elevation: 1497 Sur  
 Field Name: Alta Vista East  
 Pool: Infield  
 Job Number: 521  
 API #: 15-197-20318-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 October  
**09**  
 2021

**DST #2 Formation: Hunton Test Interval: 1912 - 1929' Total Depth: 1929'**  
 Time On: 20:36 10/09 Time Off: 02:25 10/10  
 Time On Bottom: 22:22 10/09 Time Off Bottom: 00:22 10/10

Electronic Volume Estimate:  
 76'

1st Open  
 Minutes: 30  
 Current Reading:  
 0" at 30 min  
 Max Reading: 2.0"

1st Close  
 Minutes: 30  
 Current Reading:  
 0" at 30 min  
 Max Reading: 0"

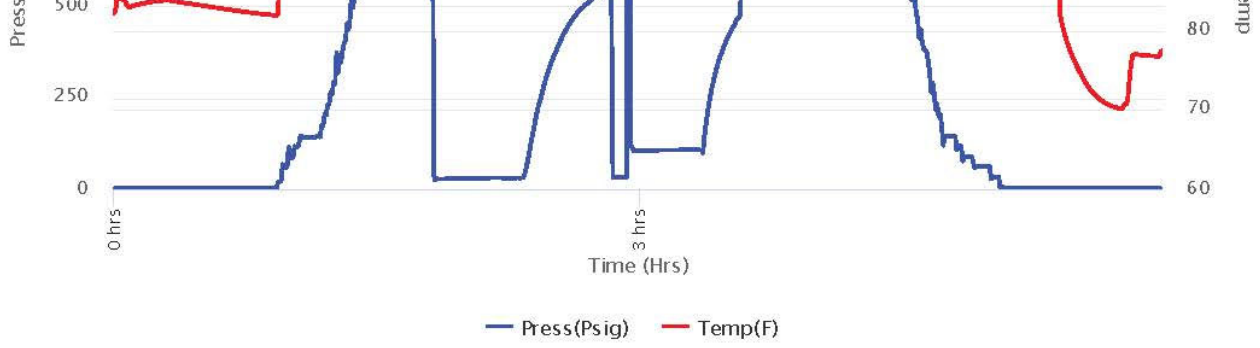
2nd Open  
 Minutes: 30  
 Current Reading:  
 0" at 30 min  
 Max Reading: 4.0"

2nd Close  
 Minutes: 30  
 Current Reading:  
 0" at 30 min  
 Max Reading: 0"

Inside Recorder







**ROCK TYPES**

Cht	Lmst fw7>	shale, gry	Shbck	Ss
Dolprim	shale, grn	Carbon Sh	shale, red	

**ACCESSORIES**

<b>MINERAL</b>	<b>STRINGER</b>
Sandy	Sandstone

**OTHER SYMBOLS**

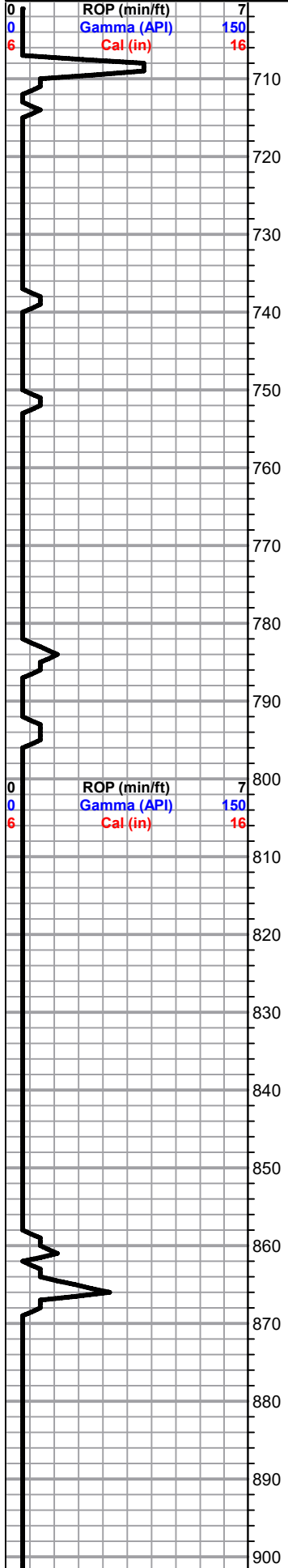
<b>MISC</b>	<b>DST</b>
Daily Report	DST Int
Digital Photo	DST alt
Document	
Folder	
Link	
Vertical Log File	
Horizontal Log File	
Core Log File	
Drill Cuttings Rpt	

Curve Track #1								Curve Track #3
ROP (min/ft)		Depth   Intervals	DST	Lithology	Oil Show	Geological Descriptions		
Gamma (API)								
Cal (in)								

1:240 Imperial

Cored Interval  
DST Interval

1:240 Imperial



**DRILLING TIME FROM 700' - RTD**  
**20' WET/DRY SAMPLES FROM 750' - 1150'**  
**10' WET/DRY SAMPLES FROM 1150' - RTD**

**GEOLOGICAL SUPERVISION BY JEFF LAWLER FROM 700' - RTD**

**8 5/8" SURFACE PIPE SET @ 318' SURVEY 1 deg.**

Sh- Gray, heavily micaceous, sl sandy, gummy clumps

Sh- Black Gray, fissile & dense, A/A

Lm- Cream Tan, Vf Grn FXLN, mix of mud supported matrix w/o vis. porosity, some sctrd reXLN & sl fsl, dense XLN porosity, barren

Ss- Dove Gray, Fn Grn, heavily micaceous, glauconite inclusions, sub-rounded, consolidated & well sorted

Sh/Ss- Dove Gray, shaley Ss/sandy Sh, Vf Grn, loosely cemented, heavily micaceous

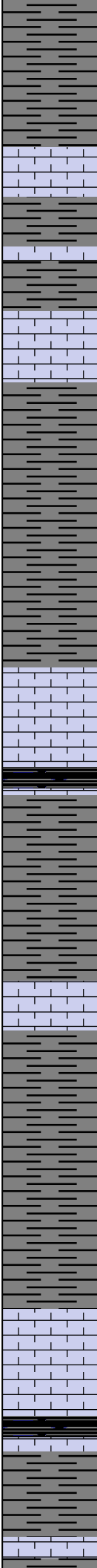
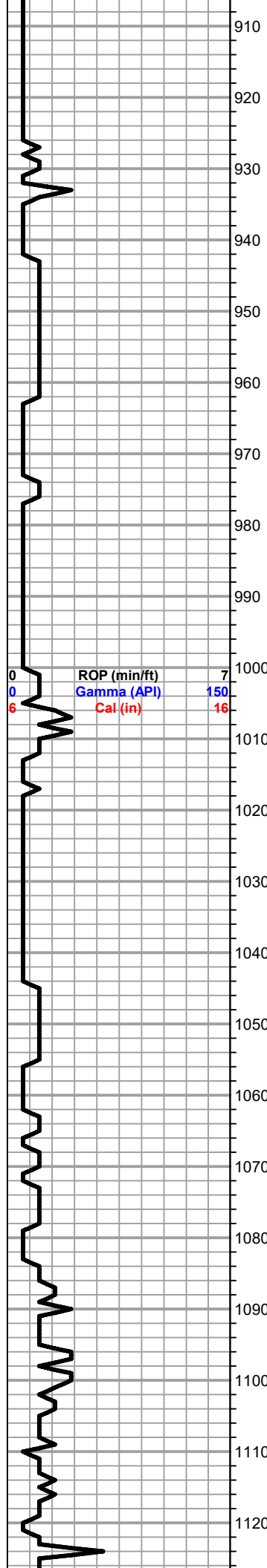
Sh- Lt Gray Green, sandy & micaceous, semi-waxy

Sh- Gray, silty & calcareous, argillaceous clumps

Lm- Off White Gray, VFXLN, fsl, dense well cemented w/ sctrd-dense XLN porosity

SURVEY 1/2 deg.

Sh/Ss- Dove Gray, sandy shale/shaley Ss, heavily micaceous



910 Sh- A/A

920

930 Lm- Tan, VFXLN, sl fsl, well cemented, sctrd XLN porosity, semi-clastic

940 Lm- White Off White, Vf Grn, dense, well cemented mud supported matrix w/o vis. porosity, chalky, much soft white chalk

950 Lm- Buff Tan Gray, VF-FXLN, dense, well cemented, trashy clastic mix, fsl w/ sctrd-dense XLN porosity

960

970 Sh- Lt Gray, calcaroue, heavily micaceous

980

990 Sh- Gray, silty & calcareous

1000 Lm- Tan Buff, FXLN, dense, well cemented, sl fsl, sctrd XLN porosity

1010 Sh- Black Gray, fissile & carbonaceous, silty & calcareous

1020

1030

1040 Sh- Lt Gray, shaley Ss/sandy shale

1050

1060 Sh/Ss- shale A/A Ss- Frosted, Fn Grn, loosley cemented, sub-rounded, consolidated & mod. sorted, glauconite inclusions

1070

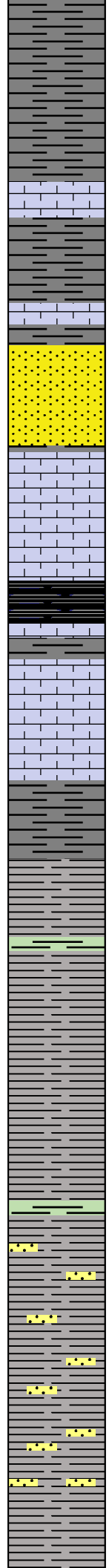
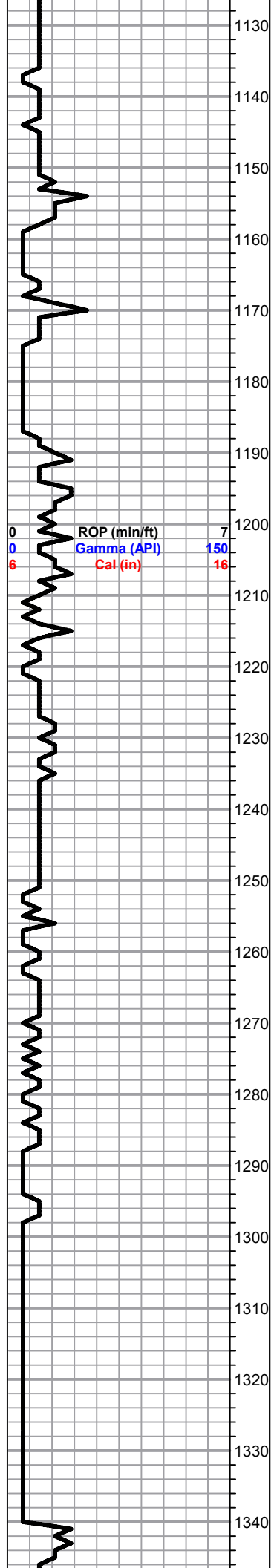
1080

1090 Lm- Tan, FXLN, fsl & sl oolitic, dense XLN porosity, barren

1100

1110 Sh- Black Gray, fissile & carbonaceous, silty & calcareous

1120



Sh- Gray Green Black, silty & calcareous, dense & semi-waxy

Lm- Gray Buff, VFXLN, dense, well cemented & tight w/ no vis. porosity

Lm- Tan, VF-FXLN, sl fsl, dense XLN porosity, barren

Ss- Lt Gray, Fn Grn, well cemented, speckled, sub-rounded, consolidated & well sorted, micaceous

Lm- Cream Tan, VF-FXLN, dense & well cemented, fsl, semi-trashy, dense XLN poor vis.-dense XLN porosity

Lm- Cream Off White, FXLN, fsl, sl oolitic, tight w/ dense XLN pporosity, barren

**HEEBNER 1207' (+302) E-LOG 1208' (+301)** Sh- Black Green Gray, fissile & carbonaceous, waxy, silty & sl sandy, gummy wash

**TORONTO 1216' (+293) E-LOG 1219' (+290)** Lm- Cream Off White, VF-FXLN, dense & well cemented, fsl, min. vis. - dense XLN porosity, some chalky in part

Lm- A/A

**DOUGLAS SHALE 1238' (+271) E-LOG 1248' (+261)** Sh- Black Green Brown, sl calcareous, semi-waxy, gummy wash

Sh- A/A Ss- Frosted, angular, well cemented, mod. consolidated & sorted

Sh- Gray Green, sandy & micaceous, semi-waxy

Sh- Black Gray Green, sl calcareous, micaceous & sandy, semi-wax

Sh- A/A w/ some striated black/gray shale

Sh- A/A w/ influx of silty & calcareous gray shale

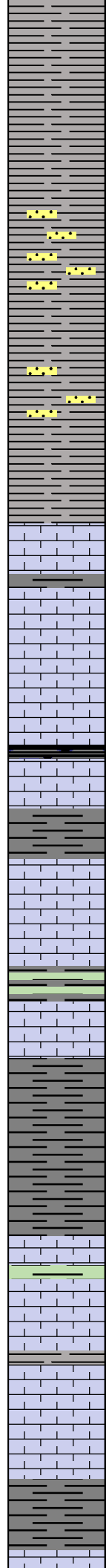
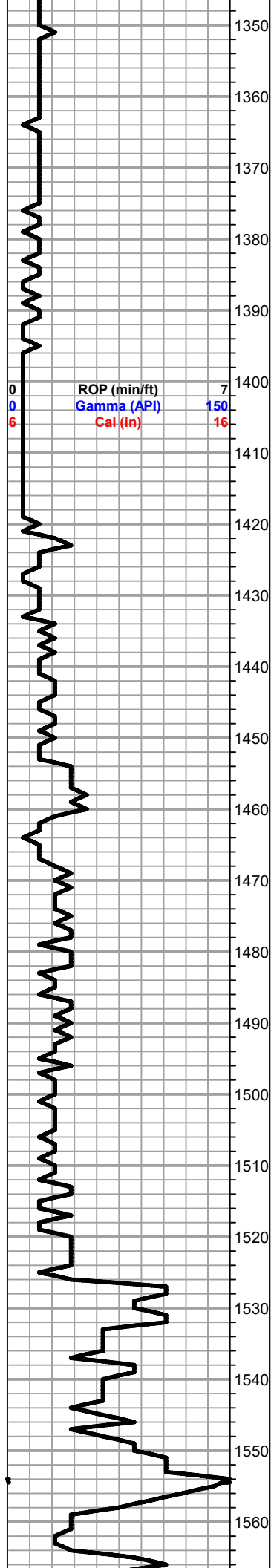
Sh- Gray Green, calcareous, sandy & sl micaceous, semi-waxy, few sl pebbly

Ss- Clear Frosted, Fn Grn, friable, angular to sub-rounded, consolidated & mod. sorted, Ss clusters, glauconite inclusions

Sh- Lt Gray, calcareous & micaceous, dense & waxy w/ Ss A/A

Sh- Lt Green, dense & waxy Ss- A/A

Sh- Gray Green, silty & sl calcareous, sl micaceous, dense & waxy



Sh- A/A

Sh- Drk Lt Gray Green, A/A w/ dense & waxy slivers

Sh- Lt Gray, calcareous & micaceous

Ss- Gray, Vf Grn, vry dense & well cemented, tight w/ no vis. porosity, vry well sorted & consolidated

Sh/Ss- A/A w/ shaley Ss/sandy shale, micaceous

Ss- Lt Gray Frosted, Fn Grn, loosely cemented, consolidated & mod. sorted, micaceous

Sh- Lt & Drk Gray, calcareous, dense & waxy, gummy wash

**LANSING 1421' (+88) E-LOG 1420' (+89)** Lm- Brown, VFXLN, dense & tight w/ sctrd XLN porosity, poorly dev.

Lm- White Cream, FXLN, fsl, mostly tight w/ sctrd XLN porosity, some chalky in part

Sh- Black Gray Green, fissile & carbonaceous, semi-waxy, silty & calcareous

Lm- Tan, FXLN, sl fsl, dense XLN porosity

Sh- Lt Gray, silty & calcareous

Lm- Cream Tan, FXLN, dense, chalky in part, mottled, dense XLN porosity

Lm- Tan Brown, FXLN, fsl w/ fragments, dense XLN porosity, few sl clastic

Sh- Gray Green, semi-waxy, some gummy wash, waxy

Lm- Tan, FXLN, vry fsl, vry dense XLN porosity w/ sctrd secondary reXLN, barren

Sh- Gray Green, calcareous, soft & calcareous, few pcs sl sandy

Sh- Gray Green, semi-waxy slivers

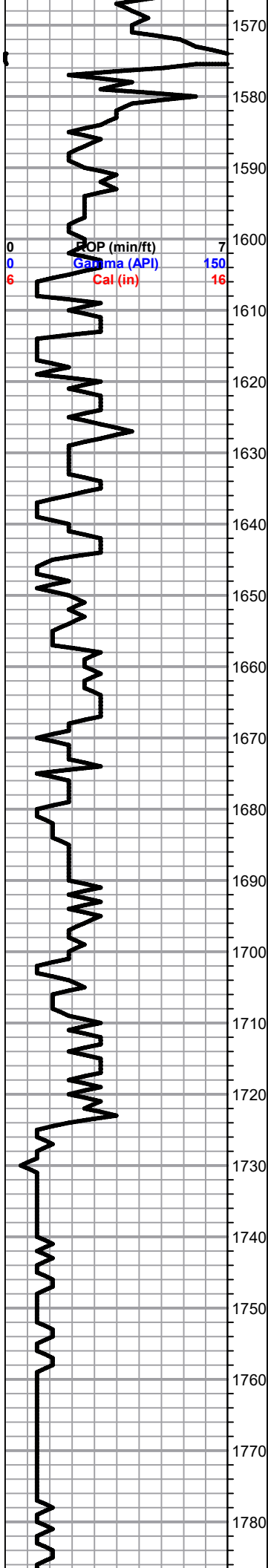
Lm- Tan, FXLN, sl fsl, dense, well cemented, dense XLN porosity

Sh- Black Green Gray, dense & waxy, many striated

Lm- Tan, FXLN, hvy fsl, dense XLN porosity

Lm- Tan, FXLN, densely packed small oolites, semi-clastic, vry dense XLN porosity, fractured, barren

Sh- Gray Green, dense & waxy, few sl calcareous



**\*\* STUCK @ 1576' SPOT 60 bbls. OIL SURVEY 3/4 deg., BIT TRIP, CTCH, DRILG\*\***

DISPLACE

**POOR SAMPLE QUALITY**

Lm- Off White, FXLN, sl fsl, poorly dev. w/ sctrd XLN porosity, barren

**POOR SAMPLE QUALITY**

Lm- Cream Brown, VFXLN, well cemented & tight w/ min. vis. to sctrd XLN porosity

Sh- Black Gray, fissile, dense & waxy

Lm- Cream Off White, FXLN, oolitic sl oomoldic, sctrd to dense XLN & scctd fn ppt porosity

Lm- Cream Off White, VFXLN, dense & tight w/ sctrd XLN porosity,

Sh- Black Gray Green, fissile & carbonaceous, dense & waxy

Lm- Cream, VFXLN, dense, vry well cemeneted, tight with no vis. porosity, few pcs sl chalky in part

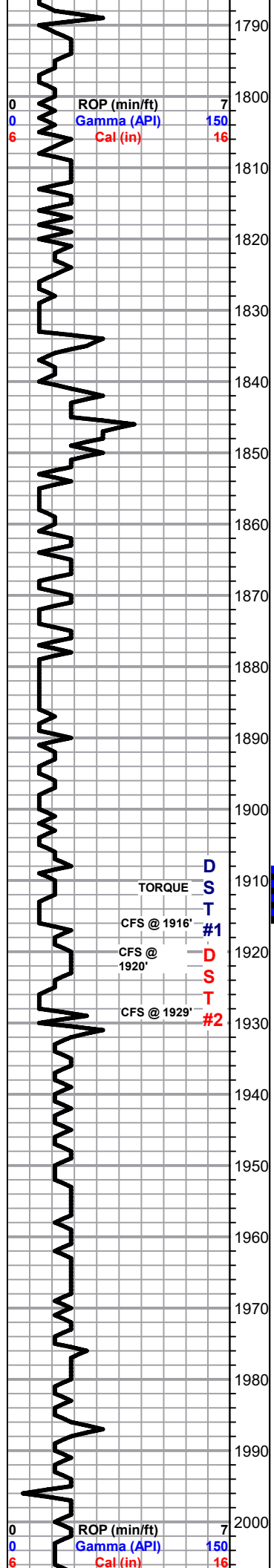
Sh- Black Gray Green, fissile & carbonaceous, dense slivers, semi-waxy

Lm- Cream Tan, VF-FXLN, dense tight mix, micro XLN porosity mostly throughout, barren

**BKC 1724' (-215) E-LOG 1723' (-214)** Sh- Black Drk Gray Lt Gray, fissile & carbonaceous, waxy, silty & calcareous

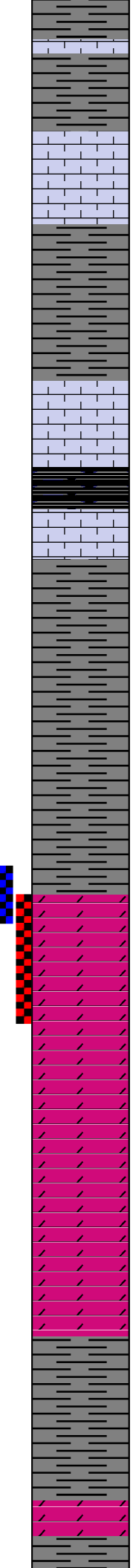
Ss- Dove Gray, Fn Grn, vry well consolidated & sorted, sub-angular, hvy micaceous, barren, well cemented, barren

Sh- Drk Gray, dense silty & calcareous



ROP (min/ft) 7  
 Gamma (API) 150  
 Cal (in) 16

ROP (min/ft) 7  
 Gamma (API) 150  
 Cal (in) 16



TORQUE  
 DST #1  
 CFS @ 1916'  
 CFS @ 1920'  
 DST #2  
 CFS @ 1929'

Sh- Drk Gray dense & waxy, lt gray calcareous, some gummy wash

Lm- Cream Tan, VFXLN, dense, well cemented, tight w/ sctrd XLN porosity, barren

Lm- Tan, VFXLN, vry dense & well cemented, cryptoXLN

Sh- Gray Green, dense & waxy, few w/ fn grn sub-rounded pebble inclusions

Lm- Cream Tan, VF-FXLN, all vry dense & tight w/ sctrd XLN & secondary reXLN porosity, barren

**CHEROKEE SHALE 1855' (-346) E-LOG 1852' (-343)** Sh- Black Gray, fissile & carbonaceous, dense & waxy

Sh- Lt Gray, soft sandy & calcareous

Sh- A/A w/ lt gray gummy wash

Sh- Black Dark Grey, sandy, dense blocky & waxy

**HUNTON 1912' (-403) E-LOG 1911' (-402)** Dol- Lt Gray, VF-FXLN, mix of well dev. w/ consistent fn ppt porosity throughout, SCTRDRK STN, SHW FO, FR ODR & tight & well cemented w/ consistent micro XLN porosity, barren

**1920'**- Dol/Chert- Gray, mix of fresh bedded vitreous chert, cherty dolomite & VFXLN dolomite, all tight w/ no - min. vis. porosity, barren

**1929'**- Dol- Off White, FXLN, massive, well cemented, oolitic w/ mostly consistent ppt inter oolite porosity, SUB-SAT TO SAT DRK STN, SFO, GD ODR

Dol- Lt Gray Lt Green, VFXLN, loosely cemented, chalky in part, tight micro XLN porosity throughout, barren

Dol- Lt Green, A/A

A/A

Sh- Lt & Drk Gray, dense & waxy, some sl pebbly, some calcareous wash

Sh- A/A Dol- Gray, VFXLN, dense, tight w/ consistent micro XLN porosity, barren

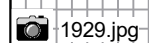
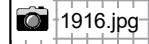
Dol- Gray, VFXLN, dense, & tight w/ micro XLN porosity, barren

SHORT TRIP SURVEY 1 1/4 deg STRAP +1.69'

DST #1 HUNTON 1908' - 1916' 30-30-30-30

65' SLOCM (4% O, 96% M)

IFP: 14-14#  
 FFP: 14-43#  
 SIP: 520-347#  
 BHT: 107 deg.



DST #2 HUNTON 1912' - 1929' 30-30-30-30

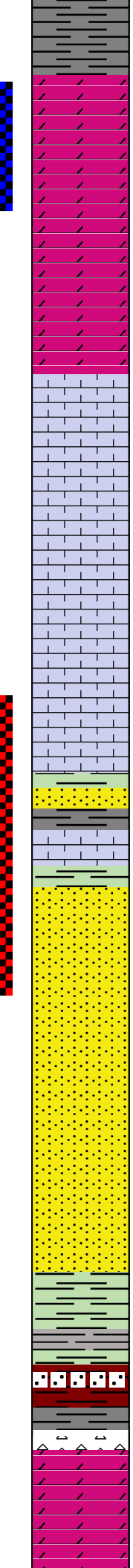
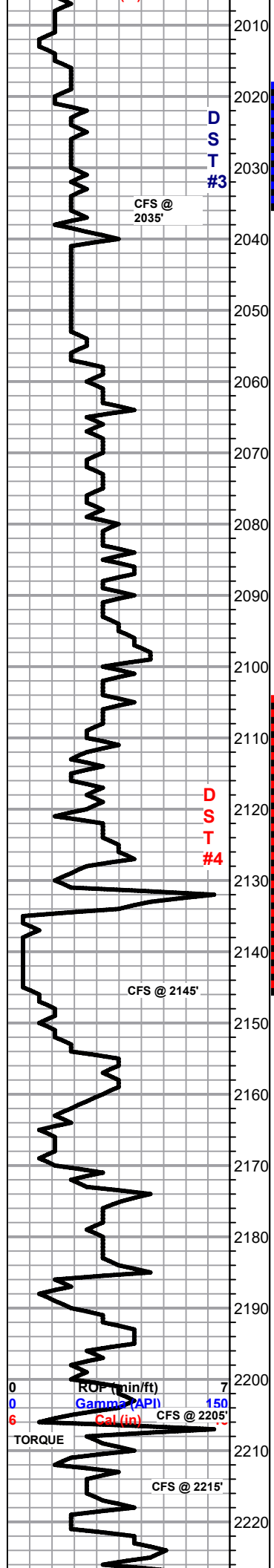
195' SLOCM (6% O, 94% M)

IFP: 26-31#  
 FFP: 32-107#  
 SIP: 551-476#  
 BHT: 105 deg.

DST #3 VIOLA 2017' - 2035' 30-45-60-60

375' TOTAL FLUID  
 75' OIL Gr: 27  
 180' SLMCO (88% O, 12% M)  
 120' HMCO (50% O, 50% M)

IFP: 43-114#



Sh- Drk & Lt Gray, dense & waxy, calcareous & silty

**VIOLA 2022' (-513) E-LOG 2017' (-508)** Dol- White Off White, F-Crs XLN, mix of well dev. w/ sctrd to mostly consistent ppt porosity, vis. rhombs, some sctrd reXLN, DRK STN, SHW FO, FR SULPHURIC ODR, & fxln, dense XLN porosity, STN A/A W/ SOME BARREN

Dol- Tan, FXLN, well cemented, dense XLN porosity, tight & barren

Dol- Tan, F-MedXLN, well cemented mix w/ dense XLN to sctrd fn ppt interXLN porosity, SOME W/ LT SCTRD STN, NSFO, TR ODR (POSSIBLE CARRYOVER FROM DST #3), few pcs of tan fresh bedded cryptoXLN chert

Dol- Brown, FXLN, well dev. sucrosic w/ consistent XLN porosity throughout, semi-frangible, LT STN, NSFO, NO ODR, SEVERAL PCS W/ BLK DEAD OIL RESIDUAL STN

Lm- Cream Tan, FXLN, dense, mostly well cemented, dense XLN porosity throughout, some sctrd secondary reXLN porosity, barren

Lm- Off White, VFXLN, dense, vry well cemented, tight w/ min. vis. porosity, mottled, barren

Lm- Brown Tan, VF-FXLN, dense & well cemented, rare to sctrd XLN porosity, barren

Lm- Brown, FXLN, dense, tight w/ sctrd XLN porosity, sl trashy, SUB-SAT/SAT DRK STN, NSFO, NO ODR, FEW MED GRN Ss CLUSTERS, CONSOLIDATED & WELL SORTED, SUB ROUDED, MOD. CEMENTATION, SHW/STN A/A

Ss- Clear/Frosted, Fn-Crs Grn, consolidated & poorly sorted, mod. cementation, sub-rounded to rounded, SCTRD DRK STN, TR FRO, WK ODR

Lm- Brown, CryptoXLN, dense & vry well cemented, tight w/ min. vis. porosity

**SIMPSON SAND 2134' (-625) E-LOG 2132' (-623)** Ss- Frosted, Med-Crs Grn, rounded, consolidated & mod. sorted, friable to mod. cementation, SEVERAL PCS W/ SCTRD SHW, FEW PCS W/ TR FRO, NO ODR

Ss- A/A

Ss- Clear to Frosted, Fn, Grn, friable, consolidated & well sorted sub-rounded to rounded w/ micro pyrite & chlorite inclusions, barren

Ss- Frosted Clear, Fn-Med Grn, friable, sub-rounded to rounded w/ chlorite & black (mica?) rounded inclusions, barren

Sh- Mint Dark Green, sl waxy, some striated w/ both colors, some w/ micro pyrite inclusions

Sh- Black Red Green, fissile & carbonaceous, dense, nearly lithofied w/ sub-rounded/rounded fn grn qtz inclusions & castic from qtz grains, some mottled w/ black, green calcareous wash

Sh- A/A w/ dense & waxy gray shale, red wash

**ARBUCKLE 2207' (-698) E-LOG 2206' (-697)** Chert/Dol- Milky Gray/White, vitreous cryptoXLN Dol- Cream Buff, M-CRS XLN, mostly well dev. w/ consistent fn ppt to ppt interXLN porosity, mostly barren - 2 PCS W/ TR DRK EDGE STN, NO FO, TR ODR??

**2215'**-Dol- Off White, M-CRS XLN, sucrosic w/ vis. rhombs & consistent interXLN porosity, massive, mostly barren w/ FEW PCS W/ TR DRK STN, NSFO, TR ODR, WK YLW FLOR

FFP: 122-176#  
SIP: 712-711!  
BHT: 107 deg.

DST 3.jpg

DST 3 C...

2024.jpg

**DST #4  
SIMPSON SAND  
2105' - 2145'  
5-15-15**

**1450' TOTAL  
FLUID  
260' SLOCM  
(3% O, 97% M)  
1190' SLMCW  
(97% W, 3% M)**

**CHLOR: 5K  
IFP: 390-513#  
FFP: 540-595#  
SIP: 749-750#  
BHT: 103 deg.**

2110.jpg

2115.jpg

DST 4.jpg

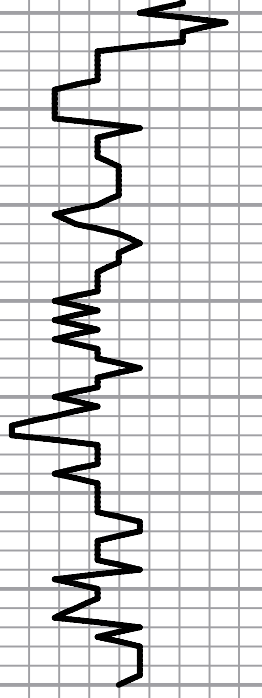
DST 4 C...

2135.jpg

2215.jpg



2230  
2240  
2250  
2260  
2270  
2280  
2290  
2300  
2310  
2320  
2330  
2340



Dol- Cream Buff, MedXLN, mostly tight w/ consistent micro XLN porosity, some sctrd XLN, barren

Dol- Buff, CrsXLN, massive, sucrosic, vis. rhombs, consistent XLN & ppt porosity, barren

Dol- Lt Gray, A/A

Dol- Lt Gray, VF-FXLN, dense & well cemented, tight w/ micro XLN porosity, barren

Dol- Lt Gray, VFXLN, tight cherty dolomite w/ min. vis. porosity, barren

Dol- Lt Gray, FXLN, dense & well cemented, micro XLN to XLN porosity at best, tight & barren

Dol- Lt Gray, FXLN, dense consistent XLN porosity throughout, clean & barren

**RTD 2300' (-791) LTD 2300' (-791) @ 23:35 10/11/2021**

SHORT TRIP  
CTCH  
SURVEY 1 3/4 deg.  
TOH FOR LOGS  
ELI- FULL SUITE







# DST 3.jpg



**Company: BlueRidge Petroleum Corporation**  
**Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
 County: WABAUNSEE  
 State: KS  
 Drilling Contractor: Lighthouse Drilling LLC - Rig #1  
 Elevation: 1497 Sur  
 Field Name: Alta Vista East  
 Pool: Infield  
 Job Number: 521  
 API #: 15-197-20318-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 October  
**10**  
 2021

**DST #3**    **Formation: Viola**    **Test Interval: 2017 - 2035'**    **Total Depth: 2035'**  
 Time On: 13:25 10/10    Time Off: 20:17 10/10  
 Time On Bottom: 14:41 10/10    Time Off Bottom: 17:56 10/10

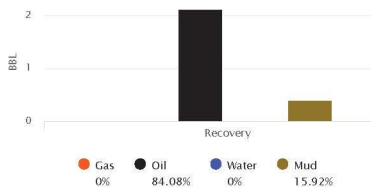
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BELS					
75	1.0463025	O	0	100	0	0
180	0.8856	SLMCO	0	88	0	12
120	0.5904	HMCO	0	50	0	50

Total Recovered: 375 ft  
 Total Barrels Recovered: 2.5223025

Reversed Out  
 NO

Initial Hydrostatic Pressure 947 PSI  
 Initial Flow 43 to 114 PSI  
 Initial Closed in Pressure 712 PSI  
 Final Flow Pressure 122 to 176 PSI  
 Final Closed in Pressure 711 PSI  
 Final Hydrostatic Pressure 940 PSI  
 Temperature 107 °F  
 Pressure Change Initial Close / Final Close 0.1 %

Recovery at a glance



GIP cubic foot volume: 0

# DST 3 CHART.jpg



**Company: BlueRidge  
Petroleum Corporation**  
**Lease: Parkerson #2-11**

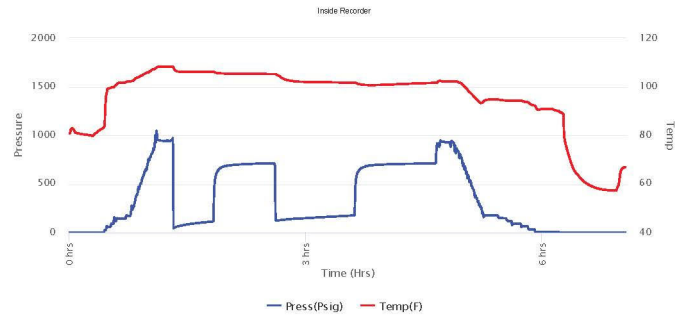
SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**10**  
2021

**DST #3**    **Formation: Viola**    **Test Interval: 2017 - 2035'**    **Total Depth: 2035'**  
Time On: 13:25 10/10    Time Off: 20:17 10/10  
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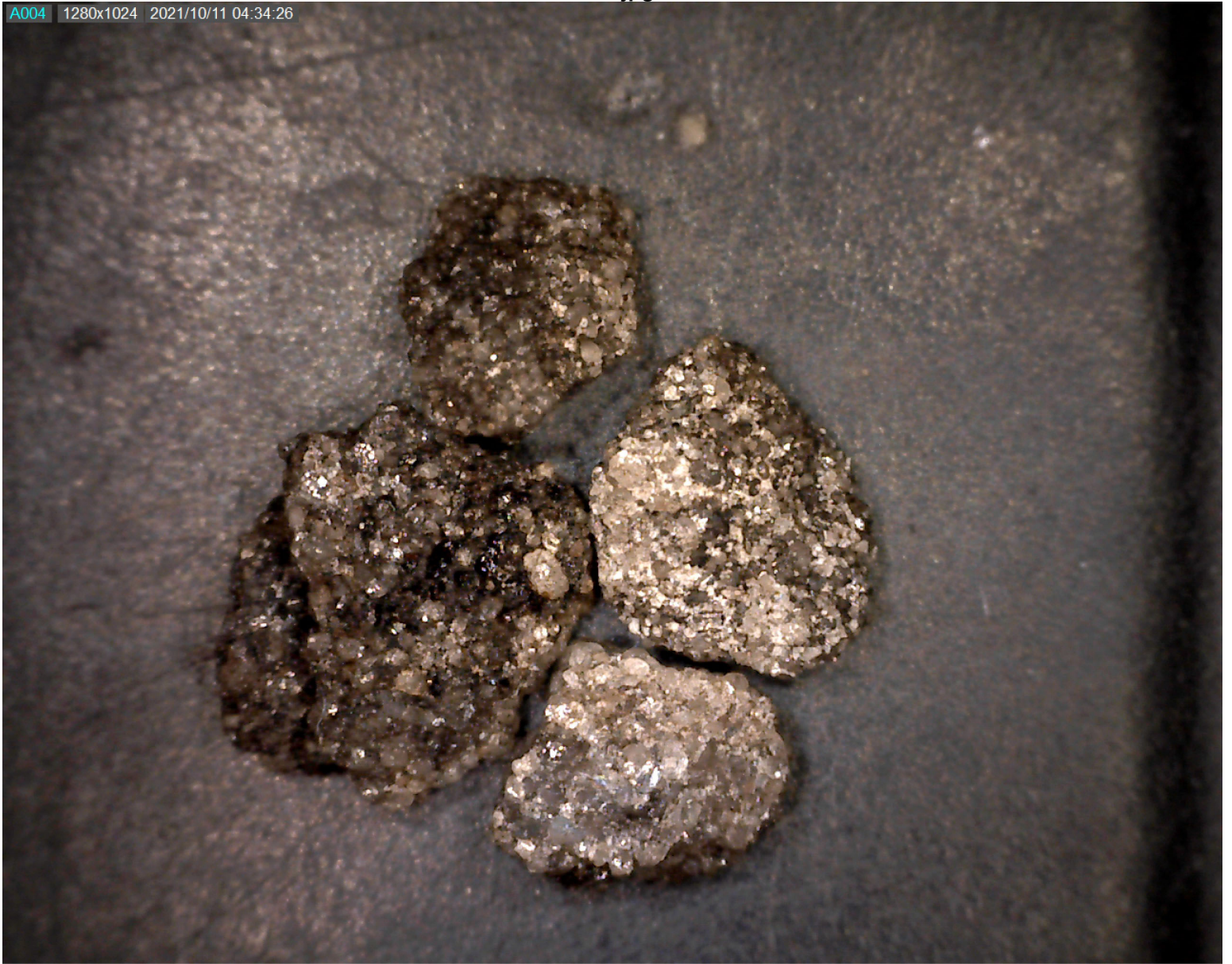
Electronic Volume Estimate:	1st Open	1st Close	2nd Open	2nd Close
55'	Minutes: 30	Minutes: 45	Minutes: 60	Minutes: 60
	Current Reading: 0" at 30 min	Current Reading: 0" at 45 min	Current Reading: 0" at 60 min	Current Reading: 0" at 60 min
	Max Reading: 4.0"	Max Reading: 0"	Max Reading: 0"	Max Reading: 0"





























**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**09**  
2021

**DST #1      Formation: Hunton      Test Interval: 1908 - 1916'      Total Depth: 1916'**  
Time On: 09:23 10/09      Time Off: 14:23 10/09  
Time On Bottom: 10:46 10/09      Time Off Bottom: 12:46 10/09

Electronic Volume  
Estimate:  
0'

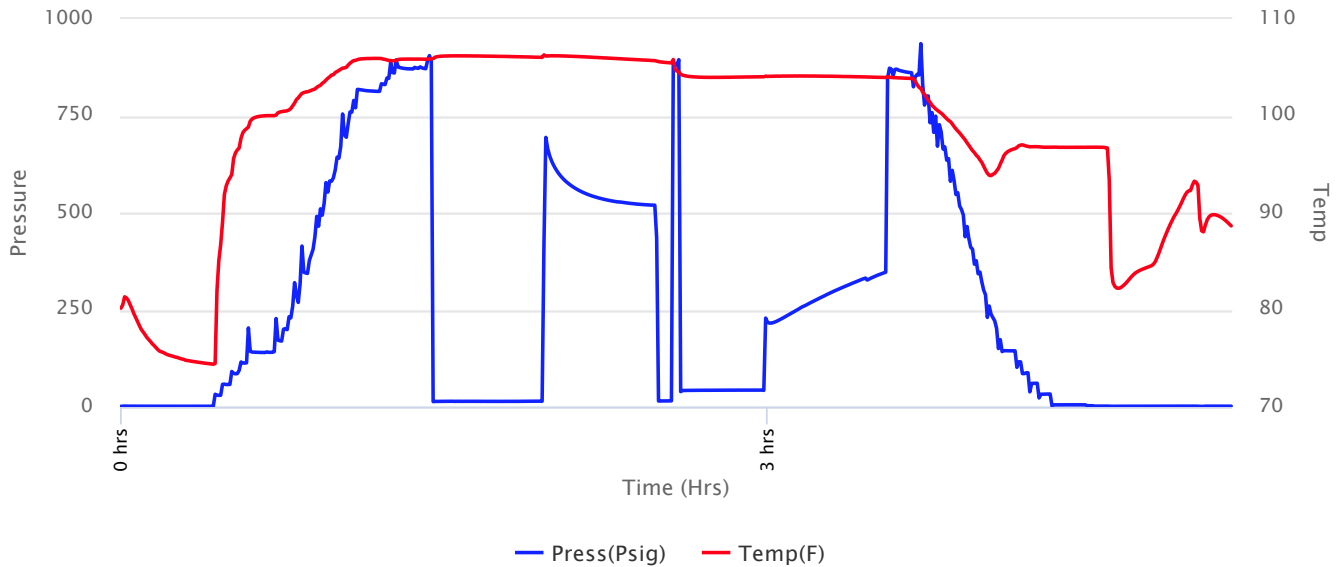
1st Open  
Minutes: 30  
Current Reading:  
0" at 30 min  
Max Reading: 0"

1st Close  
Minutes: 30  
Current Reading:  
0" at 30 min  
Max Reading: 0"

2nd Open  
Minutes: 30  
Current Reading:  
0" at 30 min  
Max Reading: 0"

2nd Close  
Minutes: 30  
Current Reading:  
0" at 30 min  
Max Reading: 0"

Inside Recorder





**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**09**  
2021

**DST #1      Formation: Hunton      Test Interval: 1908 - 1916'      Total Depth: 1916'**  
Time On: 09:23 10/09      Time Off: 14:23 10/09  
Time On Bottom: 10:46 10/09      Time Off Bottom: 12:46 10/09

Recovered

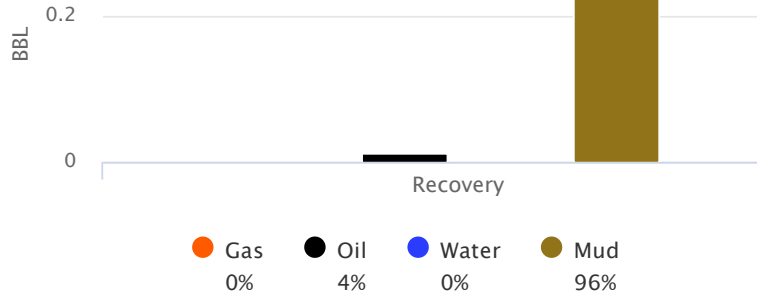
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
65	0.3198	SLOCM	0	4	0	96

Total Recovered: 65 ft  
Total Barrels Recovered: 0.3198

**Reversed Out  
NO**

**Recovery at a glance**

Initial Hydrostatic Pressure	872	PSI
Initial Flow	14 to 14	PSI
<b>Initial Closed in Pressure</b>	<b>520</b>	<b>PSI</b>
Final Flow Pressure	15 to 43	PSI
<b>Final Closed in Pressure</b>	<b>347</b>	<b>PSI</b>
Final Hydrostatic Pressure	871	PSI
Temperature	107	°F
Pressure Change Initial Close / Final Close	33.3	%



GIP cubic foot volume: 0



**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**09**  
2021

**DST #1      Formation: Hunton      Test Interval: 1908 -      Total Depth: 1916'**  
**1916'**  
Time On: 09:23 10/09      Time Off: 14:23 10/09  
Time On Bottom: 10:46 10/09      Time Off Bottom: 12:46 10/09

**BUCKET MEASUREMENT:**

1st Open: Weak surface blow lasting 4-5 min.

1st Close: No BB

2nd Open: No blow

2nd Close: No BB

**REMARKS:**

5 min. I to the final flow period, we flushed the too and just got the surge blow.

Tool Sample: 0% Gas 3% Oil 0% Water 97% Mud



**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
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**DATE**  
October  
**09**  
2021

**DST #1      Formation: Hunton      Test Interval: 1908 -      Total Depth: 1916'**  
**1916'**  
Time On: 09:23 10/09      Time Off: 14:23 10/09  
Time On Bottom: 10:46 10/09      Time Off Bottom: 12:46 10/09

**Down Hole Makeup**

<b>Heads Up:</b> 13.52 FT	<b>Packer 1:</b> 1903 FT
<b>Drill Pipe:</b> 1586.7 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 1908 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 1892.42 FT
<b>Collars:</b> 302.25 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 1916 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 8	<b>Surface Choke:</b> 1"
<b>Anchor Makeup</b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 7 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 0 FT	
<b>Drill Pipe: (in anchor):</b> 0 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> 0 FT	
<b>Perforations: (below):</b> 0 FT <i>4 1/2-FH</i>	





**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**09**  
2021

**DST #1      Formation: Hunton      Test Interval: 1908 -      Total Depth: 1916'**  
**1916'**  
Time On: 09:23 10/09      Time Off: 14:23 10/09  
Time On Bottom: 10:46 10/09      Time Off Bottom: 12:46 10/09

**Mud Properties**

**Mud Type:** Chemical      **Weight:** 8.6      **Viscosity:** 46      **Filtrate:** 9.0      **Chlorides:** 600 ppm



**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**09**  
2021

**DST #1      Formation: Hunton      Test Interval: 1908 -      Total Depth: 1916'**  
**1916'**  
Time On: 09:23 10/09      Time Off: 14:23 10/09  
Time On Bottom: 10:46 10/09      Time Off Bottom: 12:46 10/09

**Gas Volume Report**

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**09**  
2021

**DST #2      Formation: Hunton      Test Interval: 1912 - 1929'      Total Depth: 1929'**

Time On: 20:36 10/09      Time Off: 02:25 10/10  
Time On Bottom: 22:22 10/09      Time Off Bottom: 00:22 10/10

Electronic Volume  
Estimate:  
76'

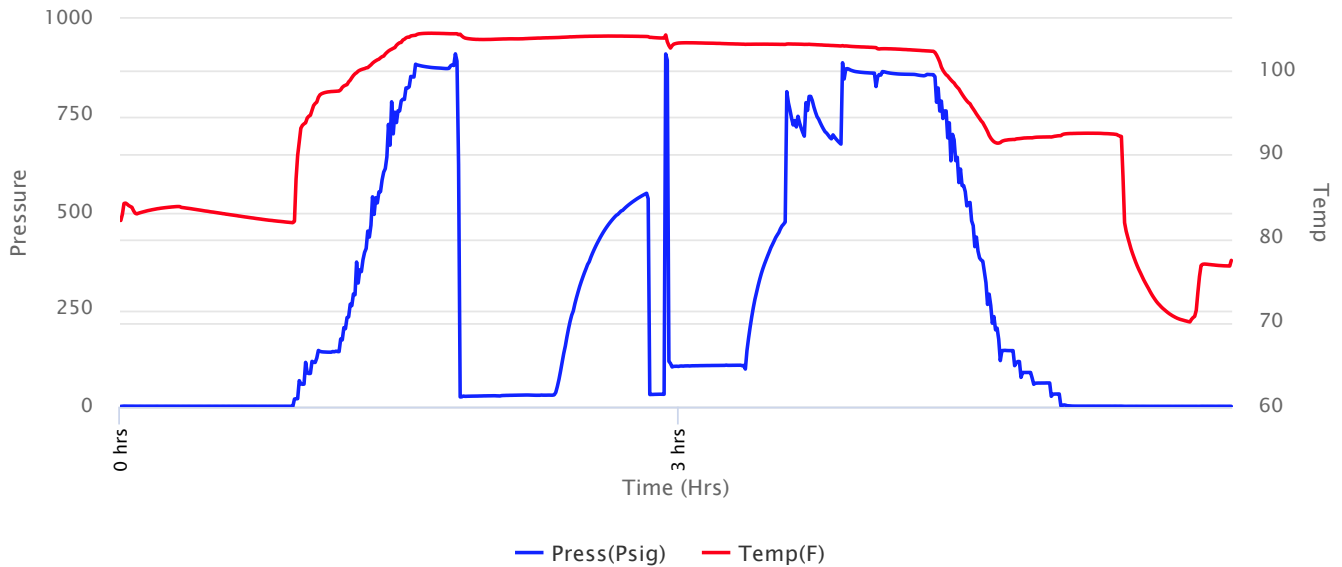
1st Open  
Minutes: 30  
Current Reading:  
0" at 30 min  
Max Reading: 2.0"

1st Close  
Minutes: 30  
Current Reading:  
0" at 30 min  
Max Reading: 0"

2nd Open  
Minutes: 30  
Current Reading:  
0" at 30 min  
Max Reading: 4.0"

2nd Close  
Minutes: 30  
Current Reading:  
0" at 30 min  
Max Reading: 0"

Inside Recorder





**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**09**  
2021

**DST #2      Formation: Hunton      Test Interval: 1912 - 1929'      Total Depth: 1929'**  
Time On: 20:36 10/09      Time Off: 02:25 10/10  
Time On Bottom: 22:22 10/09      Time Off Bottom: 00:22 10/10

Recovered

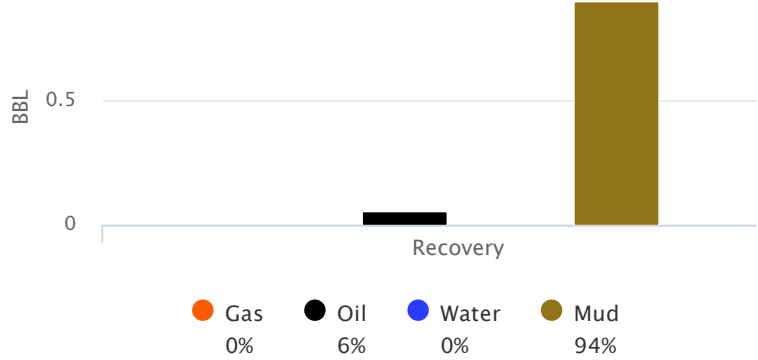
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
195	0.9594	SLOCM	0	6	0	94

Total Recovered: 195 ft  
Total Barrels Recovered: 0.9594

**Reversed Out  
NO**

**Recovery at a glance**

Initial Hydrostatic Pressure	872	PSI
Initial Flow	26 to 31	PSI
<b>Initial Closed in Pressure</b>	<b>551</b>	<b>PSI</b>
Final Flow Pressure	32 to 107	PSI
<b>Final Closed in Pressure</b>	<b>476</b>	<b>PSI</b>
Final Hydrostatic Pressure	813	PSI
Temperature	105	°F
Pressure Change Initial Close / Final Close	13.5	%



GIP cubic foot volume: 0



**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**09**  
2021

**DST #2      Formation: Hunton      Test Interval: 1912 -      Total Depth: 1929'**  
**1929'**  
Time On: 20:36 10/09      Time Off: 02:25 10/10  
Time On Bottom: 22:22 10/09      Time Off Bottom: 00:22 10/10

**BUCKET MEASUREMENT:**

1st Open: 2" blow depleting to no blow in 3 1/2 min.  
1st Close: No BB  
2nd Open: No blow til flushed tool, then got 4" blow depleting to no blow in 7 min.  
2nd Close: No BB

**REMARKS:**

We flushed tool 5 min. into final flow period and got a 4" blow depleting to no blow in 7 min. after flush. The mud pump was down and I couldn't see the weight indicator and the mud at the same time but it was a different driller and I think he unseeded the packers.

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



**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**09**  
2021

**DST #2      Formation: Hunton      Test Interval: 1912 -      Total Depth: 1929'**  
**1929'**  
Time On: 20:36 10/09      Time Off: 02:25 10/10  
Time On Bottom: 22:22 10/09      Time Off Bottom: 00:22 10/10

**Down Hole Makeup**

<b>Heads Up:</b> 9.27 FT	<b>Packer 1:</b> 1907 FT
<b>Drill Pipe:</b> 1586.45 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 1912 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 1896.42 FT
<b>Collars:</b> 302.25 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 1914 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 17	<b>Surface Choke:</b> 1"
<b>Anchor Makeup</b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 0 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 0 FT	
<b>Drill Pipe: (in anchor):</b> 0 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> 0 FT	
<b>Perforations: (below):</b> 16 FT <i>4 1/2-FH</i>	



**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**09**  
2021

**DST #2      Formation: Hunton      Test Interval: 1912 -      Total Depth: 1929'**  
**1929'**  
Time On: 20:36 10/09      Time Off: 02:25 10/10  
Time On Bottom: 22:22 10/09      Time Off Bottom: 00:22 10/10

**Mud Properties**

**Mud Type:** Chemical      **Weight:** 8.6      **Viscosity:** 46      **Filtrate:** 9.0      **Chlorides:** 600 ppm



**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**09**  
2021

**DST #2      Formation: Hunton      Test Interval: 1912 -      Total Depth: 1929'**  
**1929'**  
Time On: 20:36 10/09      Time Off: 02:25 10/10  
Time On Bottom: 22:22 10/09      Time Off Bottom: 00:22 10/10

**Gas Volume Report**

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D





**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**10**  
2021

**DST #3      Formation: Viola      Test Interval: 2017 - 2035'      Total Depth: 2035'**  
Time On: 13:25 10/10      Time Off: 20:17 10/10  
Time On Bottom: 14:41 10/10      Time Off Bottom: 17:56 10/10

Electronic Volume  
Estimate:  
55'

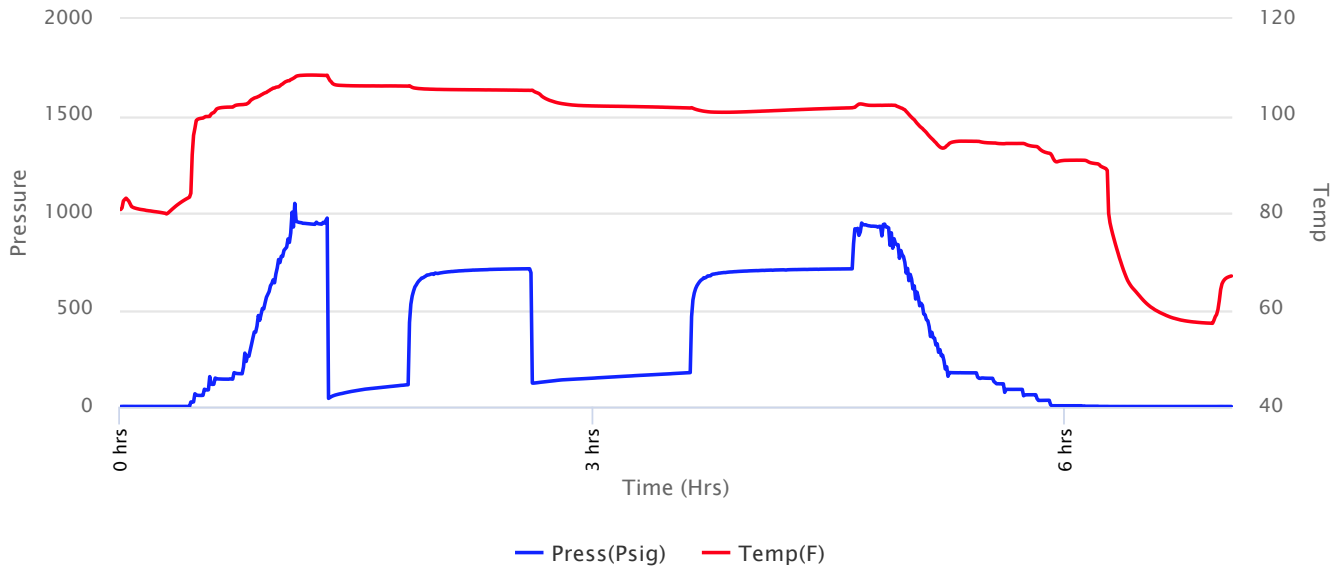
1st Open  
Minutes: 30  
Current Reading:  
0" at 30 min  
Max Reading: 4.0"

1st Close  
Minutes: 45  
Current Reading:  
0" at 45 min  
Max Reading: 0"

2nd Open  
Minutes: 60  
Current Reading:  
0" at 60 min  
Max Reading: 0"

2nd Close  
Minutes: 60  
Current Reading:  
0" at 60 min  
Max Reading: 0"

Inside Recorder





**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**10**  
2021

**DST #3**      **Formation: Viola**      **Test Interval: 2017 - 2035'**      **Total Depth: 2035'**  
Time On: 13:25 10/10      Time Off: 20:17 10/10  
Time On Bottom: 14:41 10/10      Time Off Bottom: 17:56 10/10

Recovered

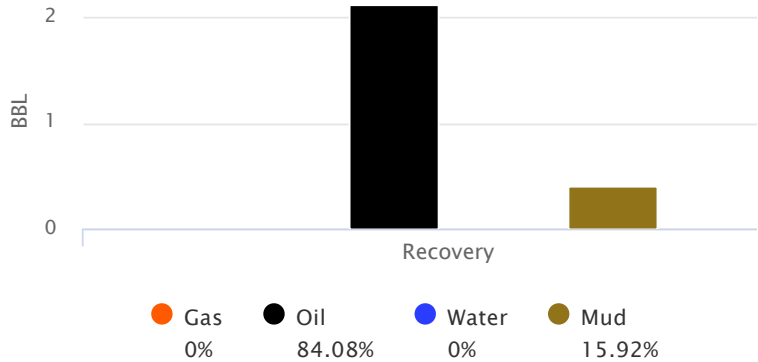
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
75	1.0463025	O	0	100	0	0
180	0.8856	SLMCO	0	88	0	12
120	0.5904	HMCO	0	50	0	50

Total Recovered: 375 ft  
Total Barrels Recovered: 2.5223025

Reversed Out  
NO

Initial Hydrostatic Pressure	947	PSI
Initial Flow	43 to 114	PSI
<b>Initial Closed in Pressure</b>	<b>712</b>	<b>PSI</b>
Final Flow Pressure	122 to 176	PSI
<b>Final Closed in Pressure</b>	<b>711</b>	<b>PSI</b>
Final Hydrostatic Pressure	940	PSI
Temperature	107	°F
Pressure Change Initial Close / Final Close	0.1	%

**Recovery at a glance**



GIP cubic foot volume: 0



**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**10**  
2021

**DST #3      Formation: Viola      Test Interval: 2017 -      Total Depth: 2035'**  
**2035'**  
Time On: 13:25 10/10      Time Off: 20:17 10/10  
Time On Bottom: 14:41 10/10      Time Off Bottom: 17:56 10/10

**BUCKET MEASUREMENT:**

1st Open: 3" blow building to 4" then depleting to weak surface blow

1st Close: No BB

2nd Open: Weak surface blow

2nd Close: No BB

**REMARKS:**

Tool Sample: 0% Gas 63% Oil 0% Water 37% Mud

Gravity: 26.7 @ 60 °F



**Company: BlueRidge  
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State: KS  
Drilling Contractor: Lighthouse Drilling  
LLC - Rig #1  
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Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**10**  
2021

**DST #3      Formation: Viola      Test Interval: 2017 - 2035'      Total Depth: 2035'**  
Time On: 13:25 10/10      Time Off: 20:17 10/10  
Time On Bottom: 14:41 10/10      Time Off Bottom: 17:56 10/10

**Down Hole Makeup**

<b>Heads Up:</b> 28.69 FT	<b>Packer 1:</b> 2012 FT
<b>Drill Pipe:</b> 1710.87 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 2017 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 2001.42 FT
<b>Collars:</b> 302.25 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 2019 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 18	<b>Surface Choke:</b> 1"
<b>Anchor Makeup</b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 0 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 0 FT	
<b>Drill Pipe: (in anchor):</b> 0 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> 0 FT	
<b>Perforations: (below):</b> 17 FT <i>4 1/2-FH</i>	





**Company: BlueRidge  
Petroleum Corporation  
Lease: Parkerson #2-11**

SEC: 11 TWN: 14S RNG: 8E  
County: WABAUNSEE  
State: KS  
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LLC - Rig #1  
Elevation: 1497 Sur  
Field Name: Alta Vista East  
Pool: Infield  
Job Number: 521  
API #: 15-197-20318-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**10**  
2021

**DST #3      Formation: Viola      Test Interval: 2017 -      Total Depth: 2035'**  
**2035'**  
Time On: 13:25 10/10      Time Off: 20:17 10/10  
Time On Bottom: 14:41 10/10      Time Off Bottom: 17:56 10/10

**Gas Volume Report**

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D













