

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 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	Blue Ridge Petroleum Corporation
Well Name	OLSON 1-9
Doc ID	1371312

All Electric Logs Run

CDN
Sonic
Micro
DIL

Form	ACO1 - Well Completion
Operator	Blue Ridge Petroleum Corporation
Well Name	OLSON 1-9
Doc ID	1371312

Tops

Name	Top	Datum
Heebner	1236	+293
Toronto	1249	+280
Douglas Sh	1263	+266
Lansing	1454	+75
BKC	1748	-219
Hunton	1923	-394
Viola	2026	-497
Simpson Sh	2130	-601
Simpson Sand	2136	-607
LTD	2145	-616

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 063

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-3-17	9	14	8	Morris	KS		10:45 AM
				Location Alta Vista 15, 1W, 1/2 N, 4N2			

Lease Olson	Well No. 1-9	Owner
Contractor Discovery	2	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Type Job Surface		
Hole Size 12 1/4	T.D. 264	Charge To Blue Ridge Petroleum
Csg. 8 5/8	Depth 263.11	Street
Tbg. Size	Depth	City State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg.	Shoe Joint 20	Cement Amount Ordered 200 80/20, 3% cc, 2% gel
Meas Line	Displace 15 1/4 BBL	180

EQUIPMENT

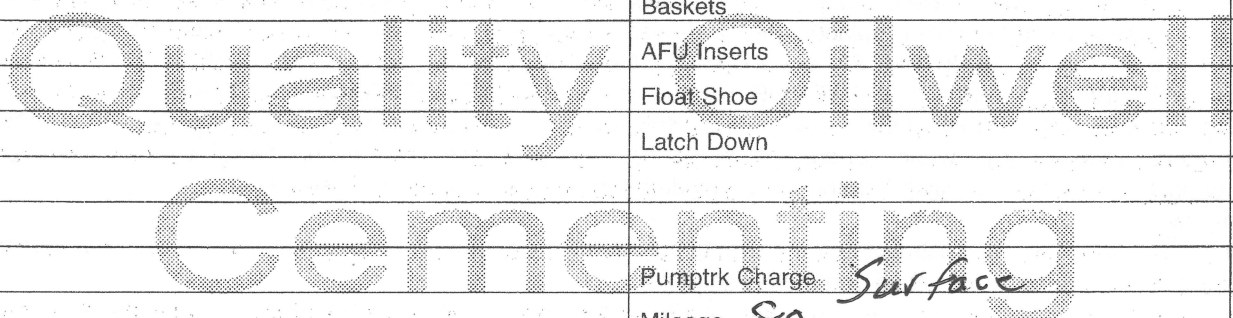
Pumptrk 16	No.	Cementer	Common
		Helper David	145
Bulktrk 9	No.	Driver	Poz. Mix
		Driver Tony	35
Bulktrk P4	No.	Driver	Gel.
		Driver Travis	3
			Calcium
			7

JOB SERVICES & REMARKS

Remarks: cement did circulate	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling 200
	Mileage

FLOAT EQUIPMENT

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down



Pumptrk Charge Surface	Tax
Mileage 80	Discount
	Total Charge
X Signature [Signature]	

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 419

Date	10-8-17	Sec.	9	Twp.	14	Range	8	County	Morris	State	Ks	On Location		Finish	9:45 PM
Lease								Location		Alta Vista 5 to K-11 Hwy 100 1/2 N					
Olson								Well No.		1-9					
Contractor								Owner		w/s					
Discovery #2								To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Type Job								Plugg							
Hole Size								T.D.		2145'					
Csg.								Depth		Charge To Blue Ridge Petroleum Corp.					
Tbg. Size								Depth		Street					
4 1/2" D.P.								Depth		City					
Tool								Depth		State					
Cement Left in Csg.								Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.					
Meas Line								Displace		H2O					
EQUIPMENT								Common							
Pumptrk 16 No. Cementer								54							
Helper David								Poz. Mix 36							
Bulktrk 9 No. Driver								Gel. 3							
Jordan								Calcium							
Bulktrk p.u. No. Driver								Hulls							
Rick								Salt							
JOB SERVICES & REMARKS								Flowseal 25#							
Remarks: 310' - 35 5x								Kol-Seal							
Rat Hole 60' - 25 5x								Mud CLR 48							
Mouse Hole Rathole - 30 5x								CFL-117 or CD110 CAF 38							
Centralizers								Sand							
Baskets Cement did Circulate								Handling 93							
D/V or Port Collar								Mileage							
								FLOAT EQUIPMENT							
								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								Pumptrk Charge							
								Mileage 80 Plug							
								Tax							
								Discount							
								Total Charge							
X Signature								Tom Wick							

GEOLOGICAL REPORT

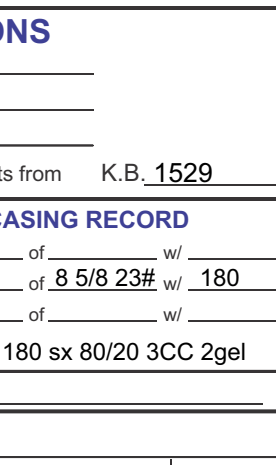
Larry A. Nicholson

NAD 83
8484762
96527180

COMPANY **Blue Ridge Petroleum Corporation**
API # **15-127-20598** FIELD **Wildcat**
LEASE **Olson #1-9 SE NW NW SE** WELL # **#1-9**
LOCATION **2173' FSL 1997' FEL SE NW NW SE**
SURVEY **2173' FSL 1997' FEL**
SECTION **9** TWP **14S** RGE **8E**
COUNTY **Morris** STATE **Kansas**

CONTRACTOR **Discovery** Rig # **2**
SPUD **10-02-17 4:30 pm** COMP. **K.B. 1529**
RTD **2145' 10-08-17 2:04am** LTD **2146'** D.F. _____
MUD UPAT **1200** G.L. **1521**
MUD TYPE **Chemical MudCo J Whiting** All measurements from **K.B. 1529**

SAMPLES SAVED FROM **200'** TO **RTD** CASING RECORD _____
DRILLING TIME FROM **600'** TO **RTD** Conductor _____
SAMPLES EXAMINED FROM **300'** TO **RTD** Production **263'** _____
GEOLOGICAL SUPERVISION FROM **300'** TO **RTD** Surface of **8.5' @ 23#** _____
WELL SITE GEOLOGIST **LARRY A. NICHOLSON** Production of **6.25' @ 23#** _____
ELECTRICAL SURVEYS **ELI, Den, NW, PE, Dual, Micro, Sonic** 6.25' @ 23# J55, 180 ex 80/20 3CC 2gel

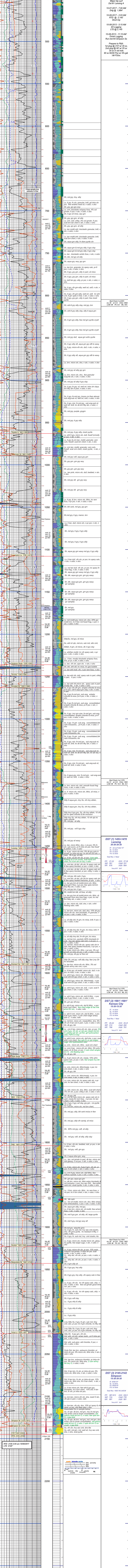
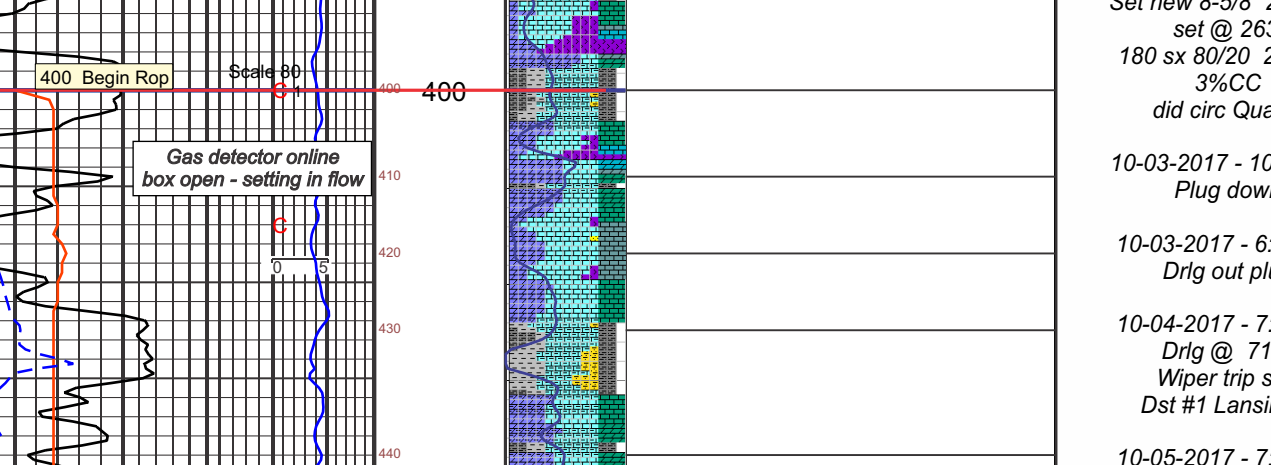


FORMATION TOPS & STRUCTURAL POSITION	
FORMATION	SAMPLE TOPS
Topokela ls.	+596
Healston Sh.	+293
Toronto	+280
Lansing	+175
Kansas City	-62
Stark Shale	-171
BKC	-171
Hunter	-219
Maquoketa Sh	-304
Viola ls	-414
Simpson Sh	-497
RTD	-601
LTD	-616

REMARKS & RECOMMENDATIONS:
Based on logs, tests, and samples, the well was P&A
***Note: The rig and logs were on same depth.**
Dst internals and topers are the same for depth & this report.

LAN 792, Modified 505, 1111, 412, 1017 Manhattan 1 inch = 25.4mm; 8.5 x 120 216 mm x 3048 mm

LEGEND



COMPANY **Blue Ridge Petroleum Corporation** ELEVATIONS **K.B. 1529**
LEASE **Olson #1-9 SE NW NW SE** D.F. _____
LOCATION **2173' FSL 1997' FEL** SEC. **9** TWP **14S** RGE **8E** G.L. **1521**
COUNTY **Morris** STATE **Ks** All measurements from **K.B. 1529**



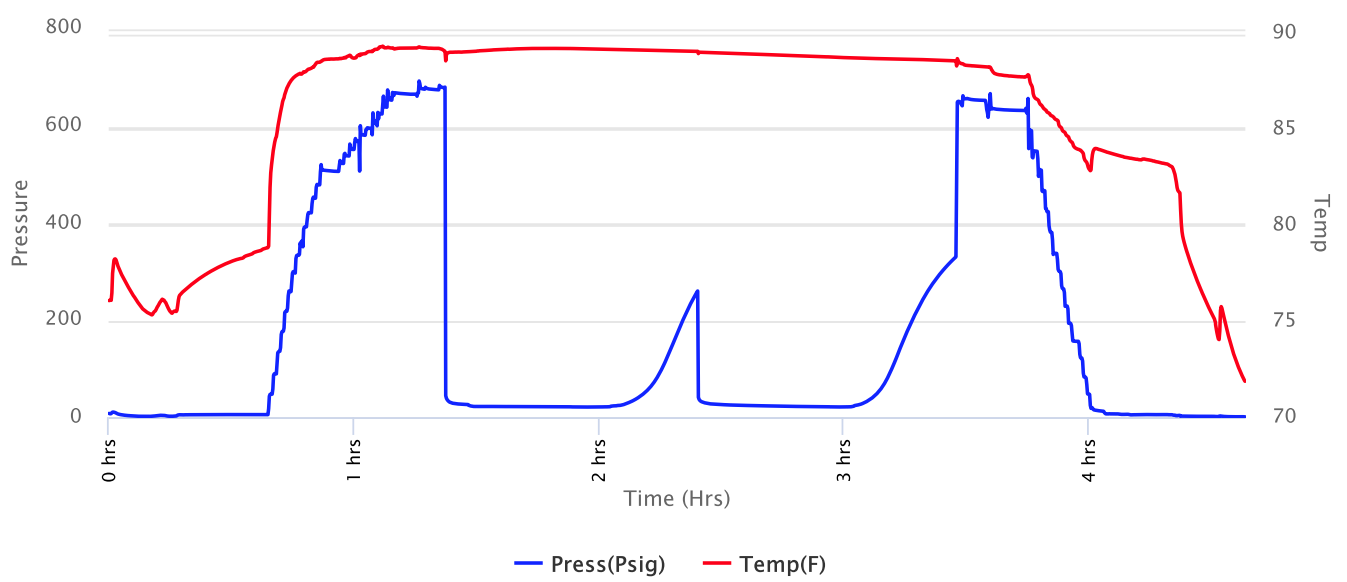
**Company: BlueRidge
Petroleum Corporation
Lease: Olson #1-9**

SEC: 9 TWN: 14S RNG: 8E
County: MORRIS
State: Kansas
Drilling Contractor: Discovery Drilling Co., Inc.
Elevation: 1521 GL
Field Name: Wildcat
Pool: Wildcat
Job Number: 64

DATE
October
06
2017

DST #1 **Formation: Lansing** **Test Interval: 1453 - 1470'** **Total Depth: 1470'**
Time On: 19:13 10/05 Time Off: 23:45 10/05
Time On Bottom: 20:35 10/05 Time Off Bottom: 22:35 10/05

Electronic Volume Estimate:	<u>1st Open</u> Minutes: 30 0" at 30 min	<u>1st Close</u> Minutes: 30 0" at 30 min	<u>2nd Open</u> Minutes: 30 0" at 30 min	<u>2nd Close</u> Minutes: 30 0" at 30 min
0'				





**Company: BlueRidge
Petroleum Corporation
Lease: Olson #1-9**

SEC: 9 TWN: 14S RNG: 8E
County: MORRIS
State: Kansas
Drilling Contractor: Discovery Drilling Co., Inc.
Elevation: 1521 GL
Field Name: Wildcat
Pool: Wildcat
Job Number: 64

DATE
October
06
2017

DST #1 **Formation: Lansing** **Test Interval: 1453 - 1470'** **Total Depth: 1470'**

Time On: 19:13 10/05 Time Off: 23:45 10/05
Time On Bottom: 20:35 10/05 Time Off Bottom: 22:35 10/05

Recovered

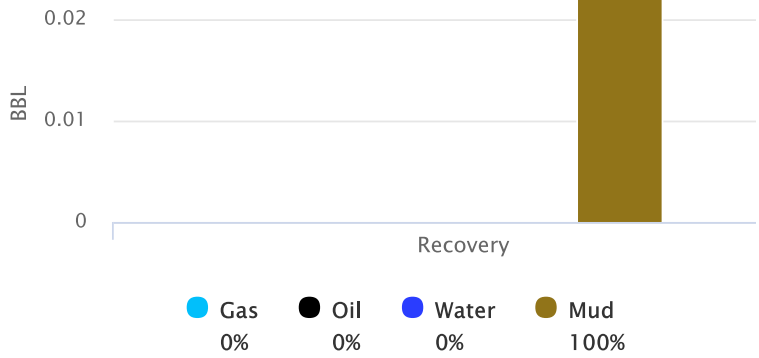
<u>Foot</u>	<u>BBLs</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
3	0.02226	M	0	0	0	100

Total Recovered: 3 ft
Total Barrels Recovered: 0.02226

Reversed Out
NO

Initial Hydrostatic Pressure	676	PSI
Initial Flow	27 to 22	PSI
Initial Closed in Pressure	261	PSI
Final Flow Pressure	27 to 22	PSI
Final Closed in Pressure	331	PSI
Final Hydrostatic Pressure	664	PSI
Temperature	89	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance





**Company: BlueRidge
Petroleum Corporation
Lease: Olson #1-9**

SEC: 9 TWN: 14S RNG: 8E
County: MORRIS
State: Kansas
Drilling Contractor: Discovery Drilling
Co., Inc.
Elevation: 1521 GL
Field Name: Wildcat
Pool: Wildcat
Job Number: 64

<p>DATE October 06 2017</p>

DST #1 Formation: Lansing Test Interval: 1453 - Total Depth: 1470'
1470'

Time On: 19:13 10/05 Time Off: 23:45 10/05
Time On Bottom: 20:35 10/05 Time Off Bottom: 22:35 10/05

REMARKS:

- 30 min Initial flow: Weak surface blow, dead in 10 minutes.
- 30 min Initial shut in: No blowback.
- 30 min Final flow: No blow.
- 30 min Final shut in: No blowback.



**Company: BlueRidge
Petroleum Corporation
Lease: Olson #1-9**

SEC: 9 TWN: 14S RNG: 8E
County: MORRIS
State: Kansas
Drilling Contractor: Discovery Drilling Co., Inc.
Elevation: 1521 GL
Field Name: Wildcat
Pool: Wildcat
Job Number: 64

<p>DATE October 06 2017</p>

DST #1 Formation: Lansing Test Interval: 1453 - 1470' Total Depth: 1470'

Time On: 19:13 10/05 Time Off: 23:45 10/05
Time On Bottom: 20:35 10/05 Time Off Bottom: 22:35 10/05

Down Hole Makeup

Heads Up: 14.07 FT	Packer 1: 1447.5 FT
Drill Pipe: 1185 FT <i>ID-3.826</i>	Packer 2: 1453 FT
Weight Pipe: 249 FT <i>ID-2 7/8</i>	Top Recorder: 1436.92 FT
Collars: FT <i>ID-2.25</i>	Bottom Recorder: 1455 FT
Test Tool: 34.07 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 17	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3.826</i>	
Change Over: FT	
Perforations: (below): 16 FT <i>4 1/2-FH</i>	



**Company: BlueRidge
Petroleum Corporation
Lease: Olson #1-9**

SEC: 9 TWN: 14S RNG: 8E
County: MORRIS
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 2
Elevation: 1521 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 64

DATE
October
06
2017

DST #2 **Formation: Kansas City** **Test Interval: 1661 - 1681'** **Total Depth: 1681'**
Time On: 13:37 10/06 Time Off: 17:29 10/06
Time On Bottom: 14:37 10/06 Time Off Bottom: 16:07 10/06

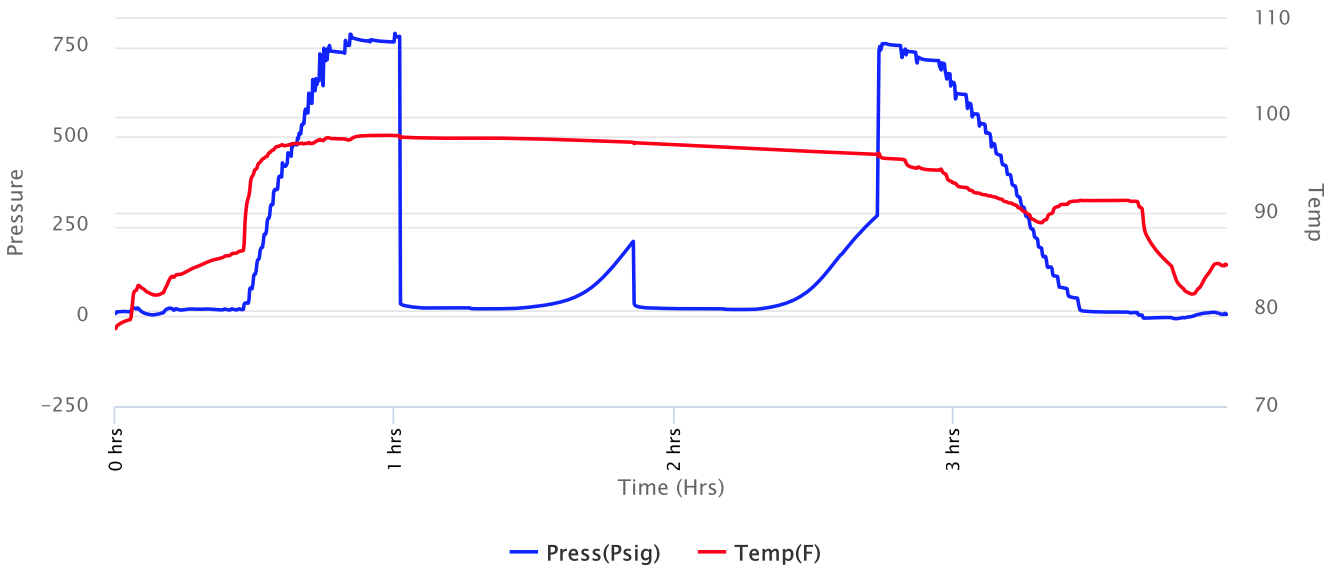
Electronic Volume Estimate:
0'

1st Open
Minutes: 15
0" at 15 min

1st Close
Minutes: 30
0" at 30 min

2nd Open
Minutes: 15
0" at 15 min

2nd Close
Minutes: 30
0" at 30 min





**Company: BlueRidge
Petroleum Corporation
Lease: Olson #1-9**

SEC: 9 TWN: 14S RNG: 8E
County: MORRIS
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 2
Elevation: 1521 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 64

DATE
October
06
2017

DST #2 **Formation: Kansas City** **Test Interval: 1661 - 1681'** **Total Depth: 1681'**
Time On: 13:37 10/06 Time Off: 17:29 10/06
Time On Bottom: 14:37 10/06 Time Off Bottom: 16:07 10/06

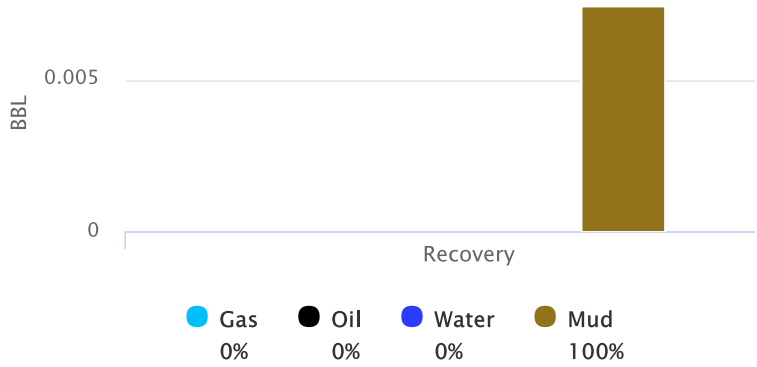
Recovered

<u>Foot</u>	<u>BBLs</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
1	0.00742	M	0	0	0	100

Total Recovered: 1 ft
Total Barrels Recovered: 0.00742

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	766	PSI
Initial Flow	25 to 22	PSI
Initial Closed in Pressure	210	PSI
Final Flow Pressure	25 to 21	PSI
Final Closed in Pressure	282	PSI
Final Hydrostatic Pressure	761	PSI
Temperature	97	°F
Pressure Change Initial Close / Final Close	0.0	%



**Company: BlueRidge
Petroleum Corporation
Lease: Olson #1-9**

SEC: 9 TWN: 14S RNG: 8E
County: MORRIS
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 2
Elevation: 1521 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 64

DATE October 06 2017

DST #2	Formation: Kansas City	Test Interval: 1661 - 1681'	Total Depth: 1681'
	Time On: 13:37 10/06	Time Off: 17:29 10/06	
	Time On Bottom: 14:37 10/06	Time Off Bottom: 16:07 10/06	

REMARKS:

15 min Initial Flow: No blow.
30 min Initial shut in: No blowback.
15 min Final flow: No blow.
30 min Final shut in: No blowback.



**Company: BlueRidge
Petroleum Corporation
Lease: Olson #1-9**

SEC: 9 TWN: 14S RNG: 8E
County: MORRIS
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 2
Elevation: 1521 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 64

<p>DATE October 06 2017</p>

DST #2 **Formation: Kansas City** **Test Interval: 1661 - 1681'** **Total Depth: 1681'**

Time On: 13:37 10/06 Time Off: 17:29 10/06
Time On Bottom: 14:37 10/06 Time Off Bottom: 16:07 10/06

Down Hole Makeup

Heads Up: 23.07 FT	Packer 1: 1655.5 FT
Drill Pipe: 1402 FT <i>ID-3 1/2</i>	Packer 2: 1661 FT
Weight Pipe: 249 FT <i>ID-2 7/8</i>	Top Recorder: 1644.92 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 1663 FT
Test Tool: 34.07 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 20	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 19 FT <i>4 1/2-FH</i>	



**Company: BlueRidge
Petroleum Corporation
Lease: Olson #1-9**

SEC: 9 TWN: 14S RNG: 8E
County: MORRIS
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 2
Elevation: 1521 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 64

DATE October 06 2017

DST #2	Formation: Kansas City	Test Interval: 1661 - 1681'	Total Depth: 1681'
	Time On: 13:37 10/06	Time Off: 17:29 10/06	
	Time On Bottom: 14:37 10/06	Time Off Bottom: 16:07 10/06	

Mud Properties

Mud Type: Chemical **Weight:** 8.8 **Viscosity:** 44 (4#LCM) **Filtrate:** 8.8 **Chlorides:** 1100 ppm



**Company: BlueRidge
Petroleum Corporation
Lease: Olson #1-9**

SEC: 9 TWN: 14S RNG: 8E
County: MORRIS
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 2
Elevation: 1521 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 64

DATE
October
08
2017

DST #3 Formation: Simpson Test Interval: 2110 - 2142' Total Depth: 2145'

Time On: 12:08 10/08 Time Off: 17:30 10/08
Time On Bottom: 13:05 10/08 Time Off Bottom: 14:50 10/08

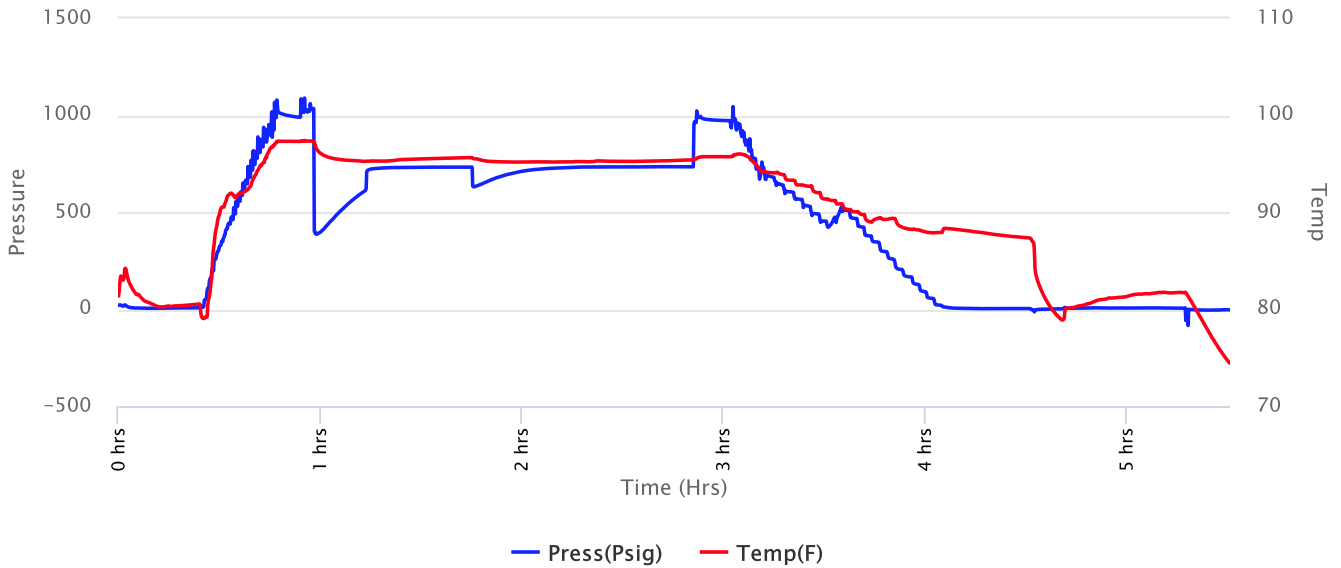
Electronic Volume
Estimate:
1360'

1st Open
Minutes: 15
198" at 15 min

1st Close
Minutes: 30
0" at 30 min

2nd Open
Minutes: 30
91" at 30 min

2nd Close
Minutes: 30
0" at 30 min





**Company: BlueRidge
Petroleum Corporation
Lease: Olson #1-9**

SEC: 9 TWN: 14S RNG: 8E
County: MORRIS
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 2
Elevation: 1521 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 64

DATE
October
08
2017

DST #3 Formation: Simpson Test Interval: 2110 - 2142' Total Depth: 2145'

Time On: 12:08 10/08 Time Off: 17:30 10/08
Time On Bottom: 13:05 10/08 Time Off Bottom: 14:50 10/08

Recovered

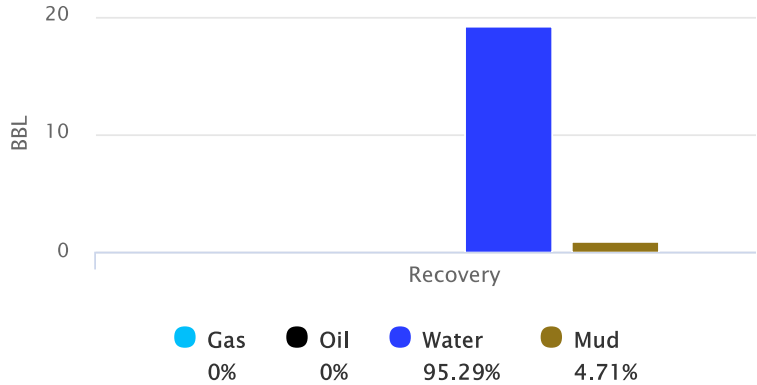
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
50	0.371	SLWCM	0	0	5	95
200	1.484	HMCW	0	0	60	40
1400	18.22631	W	0	0	100	0

Total Recovered: 1650 ft
Total Barrels Recovered: 20.08131

Reversed Out
NO

Initial Hydrostatic Pressure	991	PSI
Initial Flow	387 to 613	PSI
Initial Closed in Pressure	733	PSI
Final Flow Pressure	632 to 729	PSI
Final Closed in Pressure	735	PSI
Final Hydrostatic Pressure	991	PSI
Temperature	96	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance





**Company: BlueRidge
Petroleum Corporation
Lease: Olson #1-9**

SEC: 9 TWN: 14S RNG: 8E
County: MORRIS
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 2
Elevation: 1521 GL
Field Name: Wildcat
Pool: WILDCAT
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REMARKS:

Straddle test with no tailpipe or recorder, just a blank off sub and shale packer under 32' of anchor.

15 min Initial flow: BOB 30 seconds.

30 min Initial shut in: No blowback.

30 min Final flow: BOB 40 seconds.

30 min Final shut in: No blowback.

Due to amount of water recovered, I assume that the straddle packer didn't work. (no straddle recorder ran, due to not having room to run it)

Ph: 7.0

RW: .9 @ 82 degrees F

Chlorides: 6000 ppm



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Down Hole Makeup

Heads Up: 13.57 FT	Packer 1: 2105 FT
Drill Pipe: 1842 FT <i>ID-3 1/2</i>	Packer 2: 2110 FT
Weight Pipe: 249 FT <i>ID-2 7/8</i>	Packer 3: 2142 FT
Collars: FT <i>ID-2 1/4</i>	Top Recorder: 2094.42 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH Jars Safety Joint</i>	Bottom Recorder: 2112 FT
Total Anchor: 32	Below Straddle Recorder: 2146 FT
<u>Anchor Makeup</u>	Well Bore Size: 7 7/8
Packer Sub: 1 FT	Surface Choke: 1"
Perforations: (top): FT <i>4 1/2-FH</i>	Bottom Choke: 5/8"
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 31 FT <i>4 1/2-FH</i>	
<u>STRADDLE</u>	
Straddle Packer(s): 1 FT	
Change Over: 3 FT	
Drill Pipe: FT <i>ID-3 1/2"</i>	
Change Over: FT	
Perforations (in tail pipe): FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.0 **Viscosity:** 45 **Filtrate:** 8.0 **Chlorides:** 1800 ppm



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Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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