

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

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

No. 3958

Date	10-18-23	Sec.	1	Twp.	3	Range	9	County	Decatur	State	Ks	On Location		Finish	5:00 AM
								Location	Oberlin						

Lease	City of Oberlin		Well No.	3-1		Owner	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.								
Contractor	Discovery					Charge To	Blue Ridge Pet								
Type Job	Long String					T.D.	3800								
Hole Size	7 7/8		Csg.	8 5/8		Depth									
Tbg. Size			Depth												
Tool			Depth												
Cement Left in Csg.	42.60		Shoe Joint	42.60		Cement Amount Ordered	150M 10% Schl Schl 59-Gil								
Meas Line			Displace	89.37			400M 80/20 QMDC 4 1/2" FS								

EQUIPMENT

Pumptrk	16	No.	Cementer			Common	150								
			Helper			Poz. Mix	400 60/20 QMDC								
Bulktrk	19	No.	Driver		Bill	Gel.									
			Driver		JORDAN	Calcium									
Bulktrk	20	No.	Driver		DOUG										
			Driver		CORY										

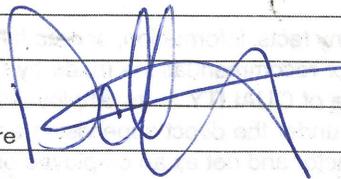
JOB SERVICES & REMARKS

Remarks:	HCL 2 gal														
Rat Hole	Salt 13														
Mouse Hole	Flowseal 100#														
Centralizers	Kol-Seal 750#														
Baskets	Mud CLR 48														
D/V or Port Collar	CFL-117 or CD110 CAF 38														
	Sand														
	Handling 570														
	Mileage														

FLOAT EQUIPMENT

	Guide Shoe														
	Centralizer 10														
	Baskets 3														
	AFU Inserts														
	Float Shoe 1														
	Latch Down 1														

	Pumptrk Charge prod string														
	Mileage 70														

X Signature																Tax	
																Discount	
																Total Charge	

Thanks

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

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

No. 3953

Date	10-12-23	Sec.	1	Twp.	3	Range	29	County	Decatur	State	Ks	On Location		Finish	
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Location *O Declin U Fin*

Lease *City of Oberlin* Well No. *3-1* Owner

Contractor *DISCOVERY* To Quality Oilwell Cementing, Inc.

Type Job *SURFACE* You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Hole Size *12 1/4* T.D. Charge To *Blue Ridge Petro Corp*

Csg. *8 5/8* Depth 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. *15* Shoe Joint Cement Amount Ordered *180.7180/20 3-2*

Meas Line Displace *12.8*

EQUIPMENT

Pumptrk	<i>17</i>	No.	Cementer	<i>73:4</i>	Common	<i>145</i>
			Helper		Poz. Mix	<i>35</i>
Bulktrk		No.	Driver	<i>Jordan</i>	Gel.	<i>3</i>
			Driver		Calcium	<i>7</i>
Bulktrk	<i>9</i>	No.	Driver	<i>COFFY</i>		
			Driver			

JOB SERVICES & REMARKS

Remarks:	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
<i>Set c 221</i>	Sand
<i>Centy 1804</i>	Handling <i>190</i>
<i>pump plugy 12.8 bbls</i>	Mileage
<i>Cent Tad Cinc.</i>	

FLOAT EQUIPMENT

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down

Pumptrk Charge *Surface*

Mileage *70*

X Signature *Ryan Hosh*

Thanks

Tax
Discount
Total Charge



**Company: BlueRidge
Petroleum Corporation
Lease: City of Oberlin #3-1**

SEC: 1 TWN: 3S RNG: 29W
County: DECATUR
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
Elevation: 2548 GL
Field Name: Pollnow SE
Pool: Pool Ext.
Job Number: 696
API #: 15-039-21298

Operation:
Uploading recovery & pressures

DATE
October
16
2023

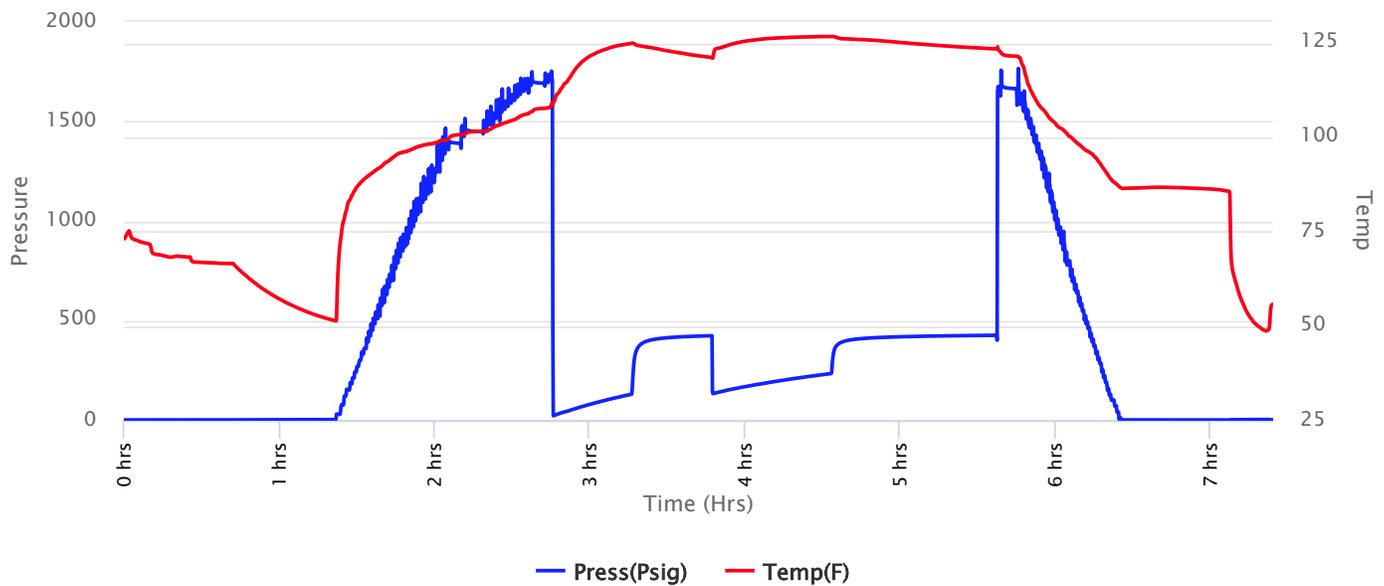
DST #1 Formation: Lancing B-C Test Interval: 3582 - 3620' Total Depth: 3620'

Time On: 03:24 10/16 Time Off: 10:35 10/16
Time On Bottom: 06:05 10/16 Time Off Bottom: 08:50 10/16

Electronic Volume Estimate:
824'

<u>1st Open</u> Minutes: 30	<u>1st Close</u> Minutes: 30	<u>2nd Open</u> Minutes: 45	<u>2nd Close</u> Minutes: 60
Current Reading: 51.7" at 30 min	Current Reading: 4.3" at 30 min	Current Reading: 31.5" at 45 min	Current Reading: 4.3" at 60 min
Max Reading: 51.7"	Max Reading: 4.3"	Max Reading: 31.5"	Max Reading: 4.3"

Inside Recorder





**Company: BlueRidge
Petroleum Corporation
Lease: City of Oberlin #3-1**

SEC: 1 TWN: 3S RNG: 29W
County: DECATUR
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
Elevation: 2548 GL
Field Name: Pollnow SE
Pool: Pool Ext.
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Uploading recovery & pressures

DATE

October
16
2023

DST #1 Formation: Lancing B-C Test Interval: 3582 - 3620' Total Depth: 3620'

Time On: 03:24 10/16 Time Off: 10:35 10/16
Time On Bottom: 06:05 10/16 Time Off Bottom: 08:50 10/16

Recovered

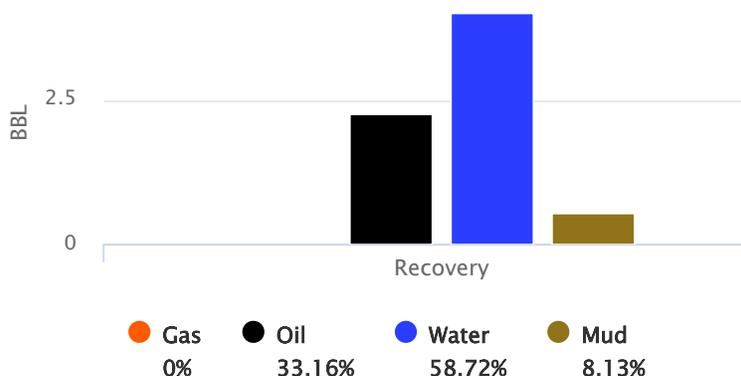
Foot	BBLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
150	2.1345	O	0	100	0	0
65	0.92495	SLOCHWCM	0	10	30	60
265	3.77095	SLOCW	0	1	99	0

Total Recovered: 480 ft

Total Barrels Recovered: 6.8304

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1710	PSI
Initial Flow	24 to 130	PSI
Initial Closed in Pressure	309	PSI
Final Flow Pressure	424 to 134	PSI
Final Closed in Pressure	426	PSI
Final Hydrostatic Pressure	1675	PSI
Temperature	127	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0



**Company: BlueRidge
Petroleum Corporation
Lease: City of Oberlin #3-1**

SEC: 1 TWN: 3S RNG: 29W
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State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 1
Elevation: 2548 GL
Field Name: Pollnow SE
Pool: Pool Ext.
Job Number: 696
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Operation:

Uploading recovery &
pressures

DATE

October
16
2023

DST #1	Formation: Lancing B-C	Test Interval: 3582 - 3620'	Total Depth: 3620'
	Time On: 03:24 10/16	Time Off: 10:35 10/16	
	Time On Bottom: 06:05 10/16	Time Off Bottom: 08:50 10/16	

BUCKET MEASUREMENT:

1st Open: BoB in 4min 30sec

1st Close: Blowback built to 4.3inch in 30min

2nd Open: BoB in 12min 45sec

2nd Close: Blowback built to 4.3inch in 60min

REMARKS:

Tool Sample: 0% Gas 5% Oil 95% Water 5% Mud

Gravity: 35 @ 60 °F

Chlorides: 4600 ppm



**Company: BlueRidge
Petroleum Corporation
Lease: City of Oberlin #3-1**

SEC: 1 TWN: 3S RNG: 29W
County: DECATUR
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 4
Elevation: 2548 GL
Field Name: Pollnow SE
Pool: Pool Ext.
Job Number: 696
API #: 15-039-21298

Operation:
Test Complete

DATE
October
16
2023

DST #2 Formation: Lansing F-H Test Interval: 3615 - 3719' Total Depth: 3719'
Time On: 21:42 10/16 Time Off: 05:04 10/17
Time On Bottom: 00:21 10/17 Time Off Bottom: 03:06 10/17

Electronic Volume
Estimate:
117'

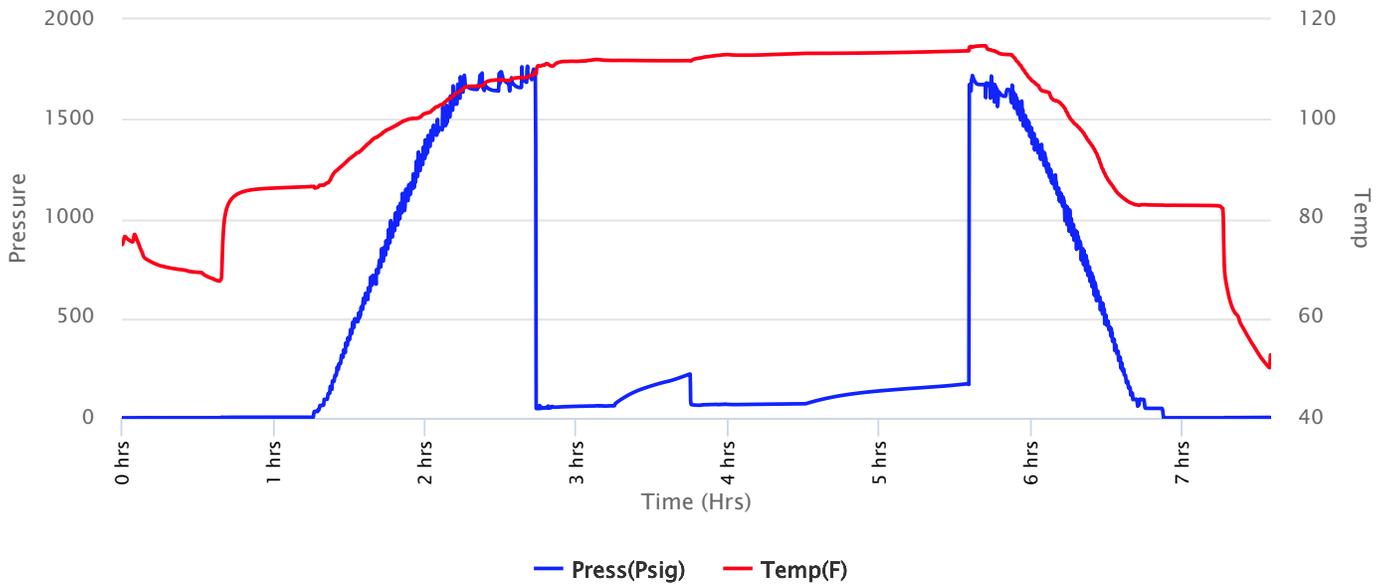
1st Open
Minutes: 30
Current Reading:
7.8" at 30 min
Max Reading: 7.8"

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

2nd Open
Minutes: 45
Current Reading:
4.3" at 45 min
Max Reading: 4.3"

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

Inside Recorder





**Company: BlueRidge
Petroleum Corporation
Lease: City of Oberlin #3-1**

SEC: 1 TWN: 3S RNG: 29W
County: DECATUR
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 4
Elevation: 2548 GL
Field Name: Pollnow SE
Pool: Pool Ext.
Job Number: 696
API #: 15-039-21298

Operation:
Test Complete

DATE
October
16
2023

DST #2 Formation: Lansing F-H Test Interval: 3615 - 3719' Total Depth: 3719'
Time On: 21:42 10/16 Time Off: 05:04 10/17
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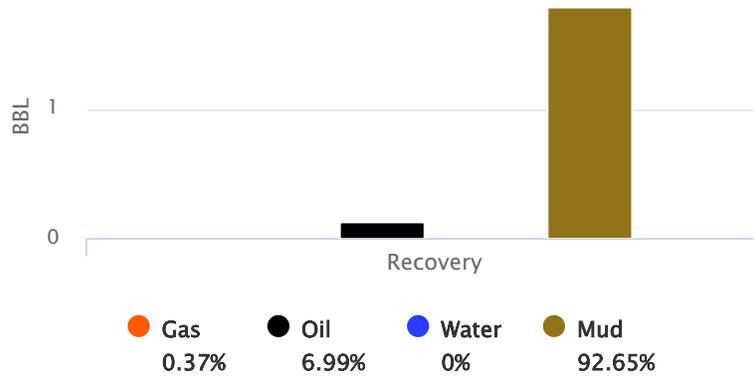
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
10	0.1423	SLGCO	5	95	0	0
126	1.79298	M	0	0	0	100

Total Recovered: 136 ft
Total Barrels Recovered: 1.93528

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1737	PSI
Initial Flow	48 to 61	PSI
Initial Closed in Pressure	220	PSI
Final Flow Pressure	68 to 72	PSI
Final Closed in Pressure	171	PSI
Final Hydrostatic Pressure	1674	PSI
Temperature	114	°F
Pressure Change Initial Close / Final Close	22.5	%

GIP cubic foot volume: 0.03995



**Company: BlueRidge
Petroleum Corporation
Lease: City of Oberlin #3-1**

SEC: 1 TWN: 3S RNG: 29W
County: DECATUR
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 4
Elevation: 2548 GL
Field Name: Pollnow SE
Pool: Pool Ext.
Job Number: 696
API #: 15-039-21298

Operation:

Test Complete

DATE

October

16

2023

DST #2	Formation: Lansing F-H	Test Interval: 3615 - 3719'	Total Depth: 3719'
	Time On: 21:42 10/16	Time Off: 05:04 10/17	
	Time On Bottom: 00:21 10/17	Time Off Bottom: 03:06 10/17	

Mud Properties

Mud Type: chem

Weight: 9.1

Viscosity: 48

Filtrate: 8.0

Chlorides: 2500 ppm

OPERATOR

Company: Blueridge Petroleum Corp
 Address: PO Box 30545
 Edmond, Ok 73003-0545

Contact Geologist: Jim Musgrove
 Contact Phone Nbr: 620-786-0839
 Well Name: City of Oberlin
 Location: 1-3s-29w NW-NE-SW-SE
 API: 15-039-21298-00-00
 Pool:
 State: Kansas

Field: Pollnow Southeast
 Country: USA



BlueRidge Petroleum Corporation



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

Scale 1:240 Imperial

Well Name: City of Oberlin
 Surface Location: 1-3s-29w NW-NE-SW-SE
 Bottom Location:
 API: 15-039-21298-00-00
 License Number: 31930
 Spud Date: 10/12/2023 Time: 12:00 AM
 Region: Decatur
 Drilling Completed: 10/17/2023 Time: 12:00 AM
 Surface Coordinates: 1100' FSL & 1830' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 2548.00ft
 K.B. Elevation: 2556.00ft
 Logged Interval: 3300.00ft To: 3802.00ft
 Total Depth: 3800.00ft
 Formation: Lansing
 Drilling Fluid Type: Chemical/Fresh Water Gel

CASING SUMMARY

	Surface	Intermediate	Main		
Bit Size					
Hole Size					
	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8 5/8" in	221' ft			
Int Casing					
Prod Casing	5 1/2" in	3798' ft			

CASING SEQUENCE

Type	Hole Size	Casing Size	At
	0.00 in	0.00	0.00 ft

OPEN HOLE LOGS

Logging Company: ELI
 Logging Engineer: Cole Robben
 Truck #:
 Logging Date: Time Spent:
 # Logs Run: 0 # Logs Run Successful: 0

LOGS RUN

Tool	Logged Interval	Logged Interval	Hours	Remarks	Run #
	0.00ft	0.00ft	0.00		0

LOGGING OPERATION SUMMARY

Date	From	To	Description Of Operation
12/5/2007	0.00ft	0.00ft	

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude:
 Latitude:
 N/S Co-ord: 1100' FSL
 E/W Co-ord: 1830' FEL

LOGGED BY



Company: James C Musgrove Petroleum LLC
 Address: 212 Main Street/PO Box 215
 Claflin, KS 67525

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

Name: James C Musgrove

CONTRACTOR

Contractor: Discovery Drilling
 Rig #: 4
 Rig Type: mud rotary
 Spud Date: 10/12/2023 Time: 12:00 AM
 TD Date: 10/17/2023 Time: 12:00 AM
 Rig Release: Time:

ELEVATIONS

K.B. Elevation: 2556.00ft Ground Elevation: 2548.00ft
 K.B. to Ground: 8.00ft

NOTES

Remarks:

5 1/2" production casing was set and cemented on the Blueridge Petroleum Corp.; City of Oberlin #3-1.

Respectfully yours,

James C Musgrove
 Petroleum Geologist

well comparison sheet

Formation	CITY OF OBERLIN BLUERIDGE PETROLEUM CORP NW-NE-SW-SE 1-3s-29w				SAPPA CREEK 1-2 BLUERIDGE PETROLEUM CORP NE-SE-SE-SW 1-3s-29w				TALLY 1-1 BLUERIDGE PETROLEUM CORP SW-NW-SE-SW 1-3s-29w				
	2556 KB		Sample	Sub-Sea	2555 KB		Relationship	Log	2553 KB		Sample	Log	Structural Relationship
Log	Sub-Sea	Log			Sub-Sea	Log			Sub-Sea				
Anhydrite	2254	302			2255	300		2	2260	293			9
Base Anhydrite	2286	270							2293	260			10
Topeka	3355	-799											
Heebner	3524	-968			3523	-968		0	3530	-977			9
Toronto	3555	-999			3553	-998		-1	3563	-1010			11
Lansing	3564	-1008			3564	-1009		1	3571	-1018			10
Stark Shale	3719	-1163			3720	-1165		2	3725	-1172			9
Base Kansas City	3764	-1208			3764	-1209		1	3771	-1218			10
Arbuckle													
Rotary Total Depth	3768	-1212			3768	-1213		1	3820	-1267			55



Company: BlueRidge Petroleum Corporation

Lease: City of Oberlin #3-1

SEC: 1 TWN: 3S RNG: 29W
 County: DECATUR
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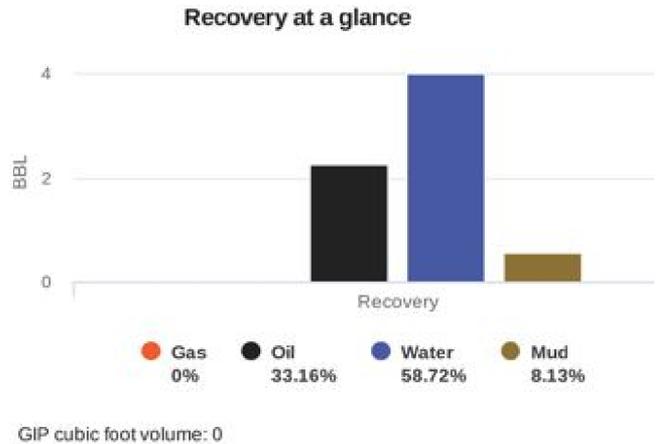
DST #1 **Formation: Lans "B&C"** **Test Interval: 3582 - 3620'** **Total Depth: 3620'**
 Time On: 03:24 10/16 Time Off: 10:35 10/16
 Time On Bottom: 06:05 10/16 Time Off Bottom: 08:50 10/16

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLS					
150	2.1345	O	0	100	0	0
65	0.92495	SLOCHWCM	0	10	30	60
265	3.77095	SLOCW	0	1	99	0

Total Recovered: 480 ft
 Total Barrels Recovered: 6.8304

Reversed Out
 NO

Initial Hydrostatic Pressure	1710	PSI
Initial Flow	24 to 130	PSI
Initial Closed in Pressure	309	PSI
Final Flow Pressure	424 to 134	PSI
Final Closed in Pressure	426	PSI
Final Hydrostatic Pressure	1675	PSI
Temperature	127	°F
Pressure Change Initial Close / Final Close	0.0	%



Company: BlueRidge Petroleum Corporation

Lease: City of Oberlin #3-1

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DST #2 **Formation: Lans "F-H"** **Test Interval: 3615 - 3719'** **Total Depth: 3719'**
 Time On: 21:42 10/16 Time Off: 05:04 10/17
 Time On Bottom: 00:21 10/17 Time Off Bottom: 03:06 10/17

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLS					
10	0.1423	SLGCO	5	95	0	0
126	1.79298	M	0	0	0	100

Total Recovered: 136 ft
 Total Barrels Recovered: 1.93528

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Initial Hydrostatic Pressure	1737	PSI
Initial Flow	48 to 61	PSI
Initial Closed in Pressure	220	PSI
Final Flow Pressure	68 to 72	PSI
Final Closed in Pressure	171	PSI



Final Hydrostatic Pressure 1674 PSI
 Temperature 114 °F
 Pressure Change Initial 22.5 %
 Close / Final Close

Recovery
 Gas 0.37% Oil 6.99% Water 0% Mud 92.65%

GIP cubic foot volume: 0.03995

ROCK TYPES

- sdy lmst
 Lmst fw7>
- shale, grn
 shale, gry
- Carbon Sh
 shale, red
- Ss
 Stst

OTHER SYMBOLS

INTERVALS

- Core
- ∴ DST

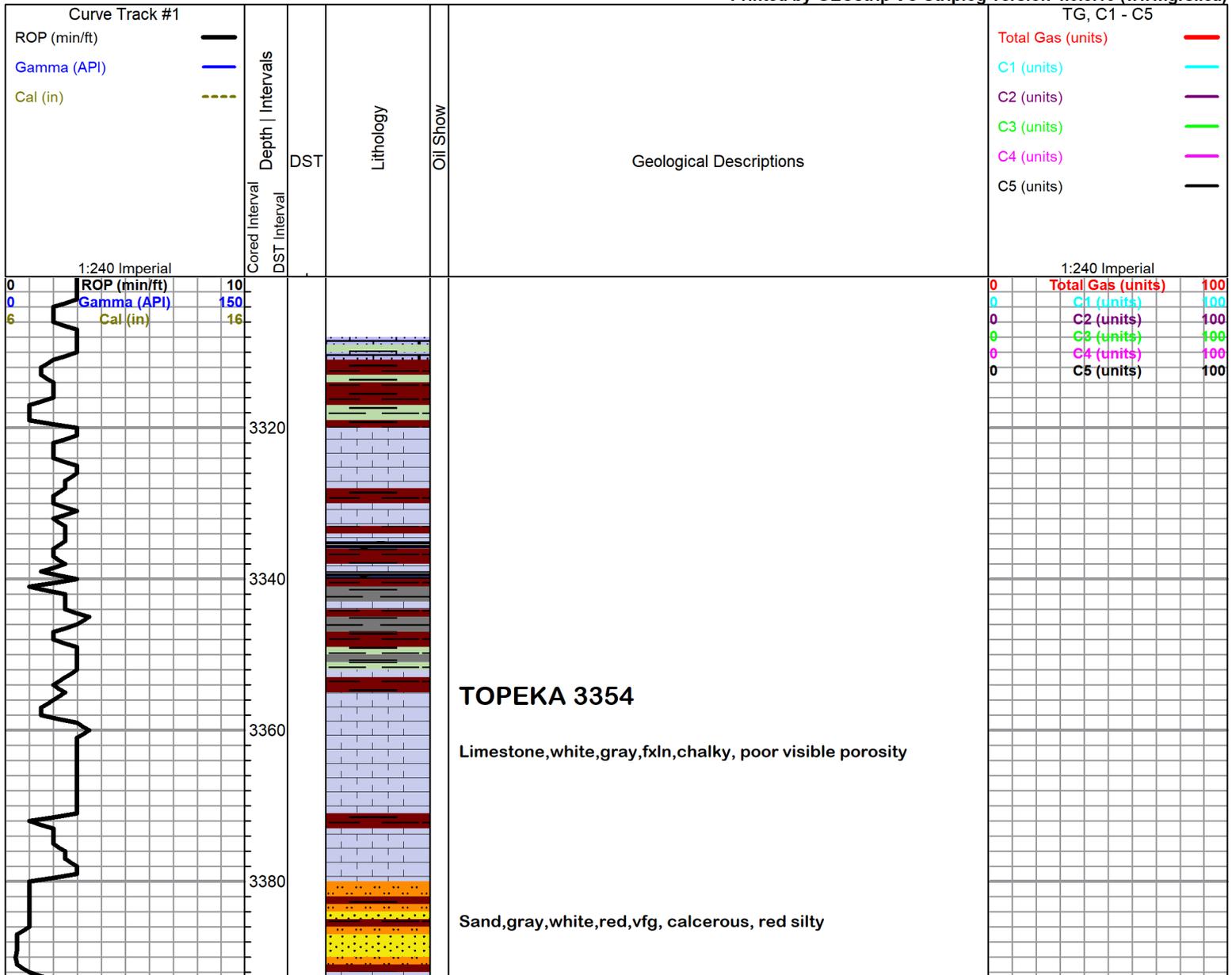
Oil Show

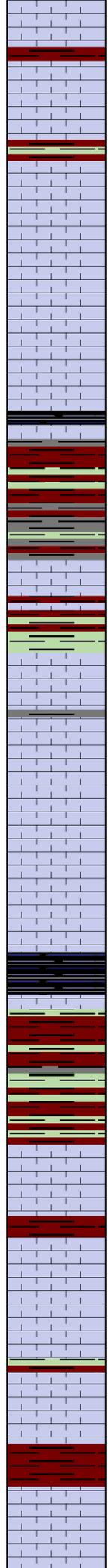
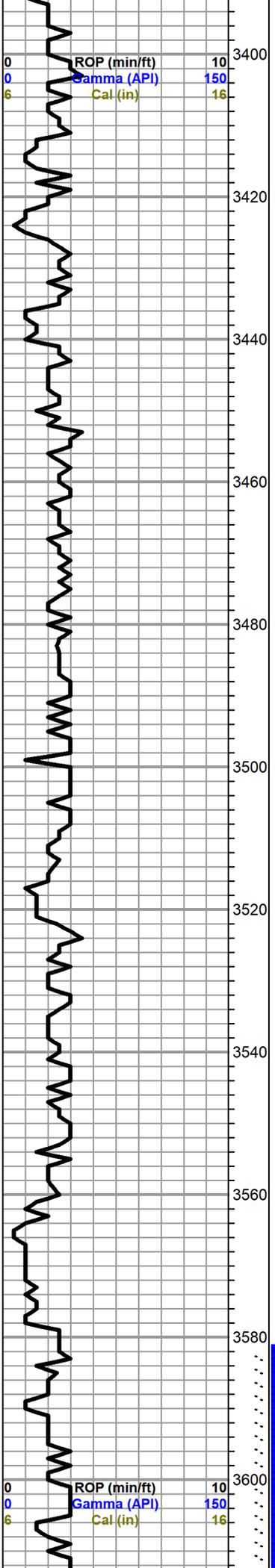
- Good Show
- Fair Show
- Poor Show
- Spotted or Trace
- Questionable Stn
- D Dead Oil Stn
- Fluorescence
- * Gas

DST

- DST Int
- DST alt
- Core
- || tail pipe

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Limestone,white,gray,fxln, few foss, chalky

Limestone,white,foss,granular with white chert

Shale,black carbonaceous

Shale,maroon,rusty brown, red soft

Limestone,white,fine and medium crystalline,chalky

as above

Limestone,white,cream,fossiliferous,fair intercrystalline to fossil cast type porosity,good dark brown to black stain and saturation, fair to good show of free oil and no odor

Limestone,white,gray,fossiliferous,chalky, no shows

HEEBNER 3526(-970)

Shale,black carbonaceous

Shale,rusty brown,pink soft

TORONTO 3554(-998)

LANSING 3566(-1010)

Limestone,cream,white,tan, oomoldic, fair oomoldic porosity,brown and golden brown stain, show of free oil and no odor

Limestone,gray,tan,foossiliferous,oolitic,granular,good pinpoint to fine vuggy type porosity,brown to dark brown to black stain and saturation,fair to good show of free oil and faint odor

Limestone,gray,white,fxln,chalky, few cherty,fossiliferous in part,fair vuggy type porosity,brown and black stain, some tarry, show of free oil and faint odor

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

DST#1 3582-3620
30-30-45-60

Blow, strong, OBB. 4 .5 Mins

Recovery, 150'Clean Oil,65'Oil cut muddy water(10% oil,30% water, 60% mud), 265'very slightly oil cut water(1% oil,99% water)

BHP 309-426 psi
FP 24-130,124-134 psi
HSH 1710-1675 psi

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

