

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

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

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

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

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	BlueRidge Petroleum Corporation
Well Name	DEAN 1-2
Doc ID	1485900

All Electric Logs Run

Micro
Sonic
DIL
CDN

Form	ACO1 - Well Completion
Operator	BlueRidge Petroleum Corporation
Well Name	DEAN 1-2
Doc ID	1485900

Tops

Name	Top	Datum
Heebner	2320	-859
Lansing	2535	1064
BKC	2983	-1512
Cher Shale	3121	-1650
Mississippi	3256	-1785
Hunton	3612	-2141
Viola	3730	-2259
Simpson Sand	3756	-2285
Arbuckle	3837	-2366
LTD	3875	-2404



Company: BlueRidge Petroleum Corporation Lease: Dean #1-2

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

Operation:
Uploading recovery & pressures

DATE
December
11
2019

DST #1 **Formation: Miss** **Test Interval: 3298 - 3332'** **Total Depth: 3332'**
Time On: 12:04 12/11 Time Off: 18:19 12/11
Time On Bottom: 13:46 12/11 Time Off Bottom: 16:16 12/11

Electronic Volume Estimate:
385'

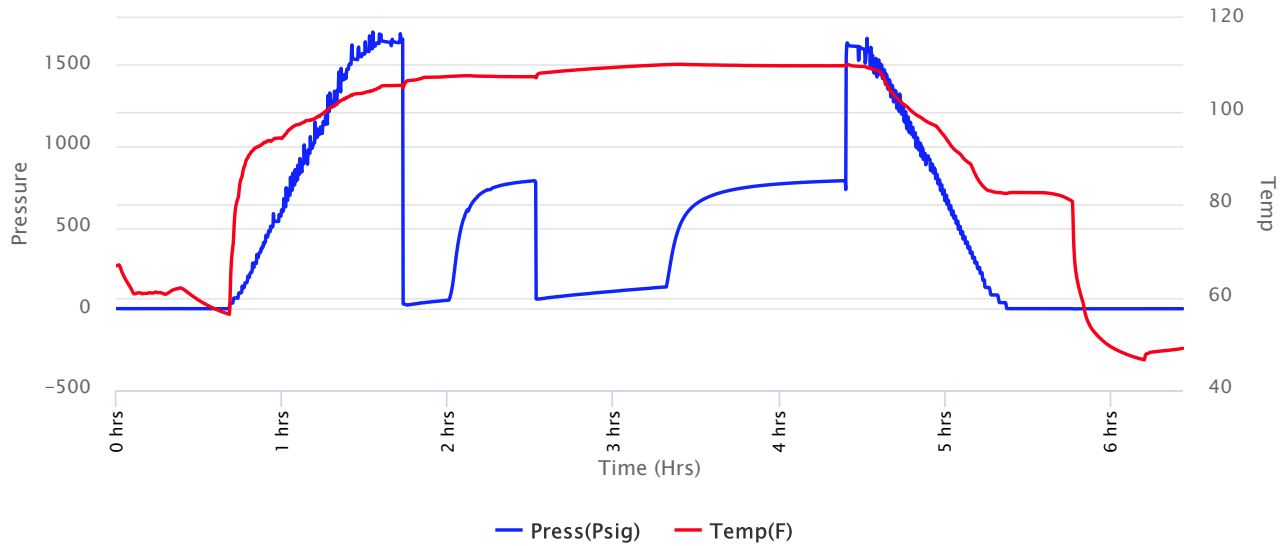
1st Open
Minutes: 15
Current Reading:
23.5" at 15 min
Max Reading: 23.5"

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

2nd Open
Minutes: 45
Current Reading:
22.7" at 45 min
Max Reading: 22.7"

2nd Close
Minutes: 60
Current Reading:
0" at 60 min
Max Reading: .1"

Inside Recorder





**Company: BlueRidge
Petroleum Corporation
Lease: Dean #1-2**

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

Operation:
Uploading recovery & pressures

DATE
December
11
2019

DST #1 **Formation: Miss** **Test Interval: 3298 - 3332'** **Total Depth: 3332'**
Time On: 12:04 12/11 Time Off: 18:19 12/11
Time On Bottom: 13:46 12/11 Time Off Bottom: 16:16 12/11

Recovered

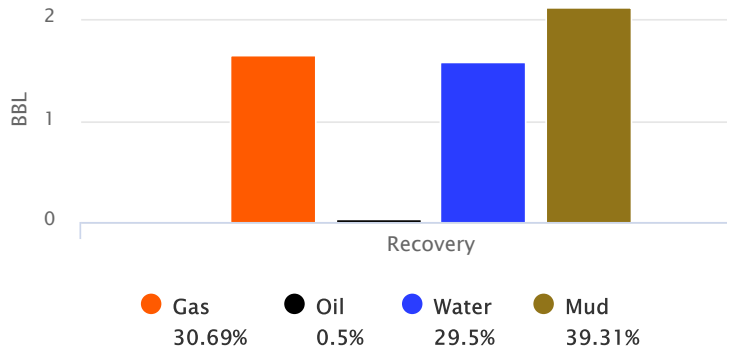
Foot	BCLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
116	1.65068	G	100	0	0	0
73	1.03879	HGM	0	0	0	100
126	1.79298	SLOCHWCM	0	1	44	55
63	0.89649	SLGCSLMCW	0	1	89	10

Total Recovered: 378 ft
Total Barrels Recovered: 5.37894

Reversed Out
NO

Initial Hydrostatic Pressure	1638	PSI
Initial Flow	24 to 54	PSI
Initial Closed in Pressure	776	PSI
Final Flow Pressure	59 to 134	PSI
Final Closed in Pressure	788	PSI
Final Hydrostatic Pressure	1620	PSI
Temperature	111	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 9.26774



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Petroleum Corporation
Lease: Dean #1-2**

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 County: RENO
 State: Kansas
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 Inc - Rig 1
 Elevation: 1461 GL
 Field Name: Burrton
 Pool: Infield
 Job Number: 417
 API #: 15-155-21768

Operation:
 Uploading recovery &
 pressures

DATE
 December
11
 2019

DST #1	Formation: Miss	Test Interval: 3298 - 3332'	Total Depth: 3332'
	Time On: 12:04 12/11	Time Off: 18:19 12/11	
	Time On Bottom: 13:46 12/11	Time Off Bottom: 16:16 12/11	

BUCKET MEASUREMENT:

1st Open: 1/2 Blow. BOB in 3 mins
 1st Close: NOBB
 2nd Open: 1 1/4 Blow. BOB in 14 mins
 2nd Close: Weak Blow Back

REMARKS:

Tool Sample: 0% Gas 0% Oil 100% Water 0% Mud
 Ph: 7
 Measured RW: .27 @ 50 degrees °F
 RW at Formation Temp: 0.13 @ 111 °F
 Chlorides: 90,000 ppm



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Lease: Dean #1-2**

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Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

Operation:
Uploading recovery &
pressures

DATE
December
11
2019

DST #1 **Formation: Miss** **Test Interval: 3298 - 3332'** **Total Depth: 3332'**
Time On: 12:04 12/11 Time Off: 18:19 12/11
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Down Hole Makeup

Heads Up: 32.87 FT	Packer 1: 3292.5 FT
Drill Pipe: 3305.21 FT <i>ID-3 1/2</i>	Packer 2: 3298 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3284.5 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3300 FT
Test Tool: 26.66 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 34	Surface Choke: 1"
Anchor Makeup	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): 33 FT <i>4 1/2-FH</i>	



**Company: BlueRidge
Petroleum Corporation**

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1461 GL

Operation:
Uploading recovery &
pressures

Lease: Dean #1-2

Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

DATE
December
11
2019

DST #1 **Formation: Miss** **Test Interval: 3298 - 3332'** **Total Depth: 3332'**
Time On: 12:04 12/11 Time Off: 18:19 12/11
Time On Bottom: 13:46 12/11 Time Off Bottom: 16:16 12/11

Mud Properties

Mud Type: Chem **Weight:** 9.5 **Viscosity:** 62 **Filtrate:** 6.4 **Chlorides:** 2000 ppm



Operation:

**Company: BlueRidge
Petroleum Corporation
Lease: Dean #1-2**

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton

Uploading recovery & pressures

Pool: Infield
Job Number: 417
API #: 15-155-21768

DATE
December
11
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DST #1 **Formation: Miss** **Test Interval: 3298 - 3332'** **Total Depth: 3332'**
Time On: 12:04 12/11 Time Off: 18:19 12/11
Time On Bottom: 13:46 12/11 Time Off Bottom: 16:16 12/11

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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Company: BlueRidge Petroleum Corporation

Lease: Dean #1-2

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

Operation:
Uploading recovery & pressures

DATE
December
12
2019

DST #2 **Formation: Hunton** **Test Interval: 3614 - 3622'** **Total Depth: 3622'**
Time On: 18:19 12/12 Time Off: 23:52 12/12
Time On Bottom: 19:44 12/12 Time Off Bottom: 21:59 12/12

Electronic Volume Estimate:
19'

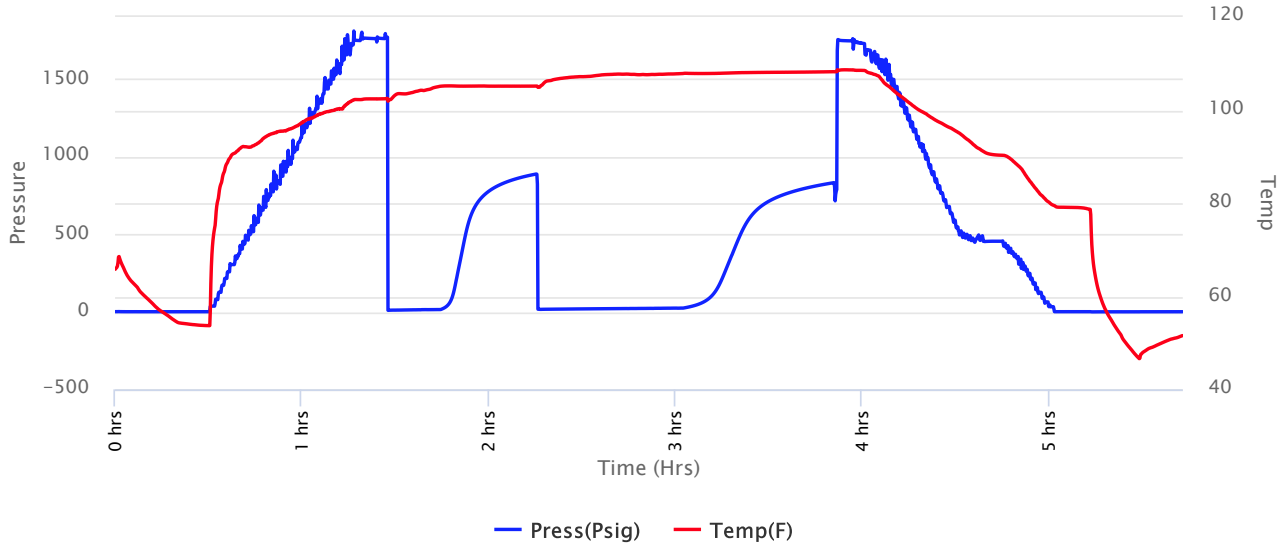
1st Open
Minutes: 15
Current Reading: 1.2" at 15 min
Max Reading: 1.2"

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

2nd Open
Minutes: 45
Current Reading: .8" at 45 min
Max Reading: .8"

2nd Close
Minutes: 45
Current Reading: 0" at 45 min
Max Reading: 0"

Inside Recorder





Company: BlueRidge Petroleum Corporation

Lease: Dean #1-2

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

Operation:
Uploading recovery & pressures

DATE
December
12
2019

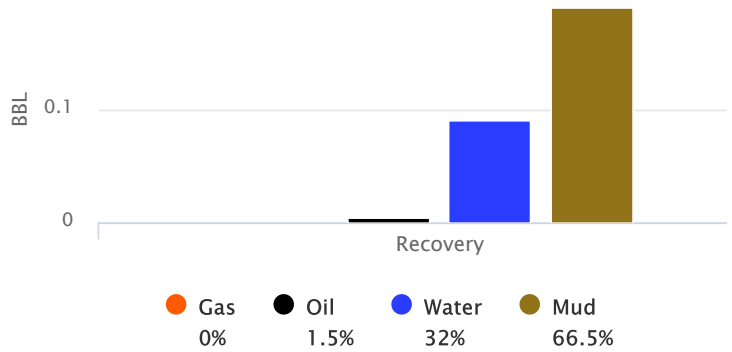
DST #2 **Formation: Hunton** **Test Interval: 3614 - 3622'** **Total Depth: 3622'**
Time On: 18:19 12/12 Time Off: 23:52 12/12
Time On Bottom: 19:44 12/12 Time Off Bottom: 21:59 12/12

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
18	0.25614	HWCM	0	0	30	70
2	0.02846	SLOCHMCW	0	15	50	35

Total Recovered: 20 ft
Total Barrels Recovered: 0.2846

Reversed Out
NO

Recovery at a glance



GIP cubic foot volume: 0

Initial Hydrostatic Pressure	1760	PSI
Initial Flow	10 to 15	PSI
Initial Closed in Pressure	888	PSI
Final Flow Pressure	17 to 24	PSI
Final Closed in Pressure	832	PSI
Final Hydrostatic Pressure	1754	PSI
Temperature	109	°F
Pressure Change Initial Close / Final Close	6.3	%



**Company: BlueRidge
Petroleum Corporation
Lease: Dean #1-2**

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

Operation:
Uploading recovery &
pressures

DATE
December
12
2019

DST #2 **Formation: Hunton** **Test Interval: 3614 - 3622'** **Total Depth: 3622'**
Time On: 18:19 12/12 Time Off: 23:52 12/12
Time On Bottom: 19:44 12/12 Time Off Bottom: 21:59 12/12

Down Hole Makeup

Heads Up: 34.17 FT	Packer 1: 3609 FT
Drill Pipe: 3623.01 FT <i>ID-3 1/2</i>	Packer 2: 3614 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3601 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3616 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 8	Surface Choke: 1"
Anchor Makeup	
Packer Sub: 1 FT	Bottom Choke: 5/8"
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): 7 FT <i>4 1/2-FH</i>	



**Company: BlueRidge
Petroleum Corporation**

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1

Operation:
Uploading recovery &
pressures

Lease: Dean #1-2

Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

DATE
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DST #2 **Formation: Hunton** **Test Interval: 3614 - 3622'** **Total Depth: 3622'**
Time On: 18:19 12/12 Time Off: 23:52 12/12
Time On Bottom: 19:44 12/12 Time Off Bottom: 21:59 12/12

Mud Properties

Mud Type: Chem **Weight:** 9.55 **Viscosity:** 52 **Filtrate:** 6.8 **Chlorides:** 2400 ppm



**Company: BlueRidge
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Operation:

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton

Uploading recovery & pressures

Pool: Infield
Job Number: 417
API #: 15-155-21768

DATE
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DST #2 Formation: Hunton Test Interval: 3614 - 3622' Total Depth: 3622'
Time On: 18:19 12/12 Time Off: 23:52 12/12
Time On Bottom: 19:44 12/12 Time Off Bottom: 21:59 12/12

Gas Volume Report

1st Open

2nd Open

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



Company: BlueRidge Petroleum Corporation

Lease: Dean #1-2

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

Operation:
Uploading recovery & pressures

DATE
December
13
2019

DST #3 **Formation: Hunton** **Test Interval: 3619 - 3627'** **Total Depth: 3627'**

Time On: 05:48 12/13 Time Off: 11:49 12/13
Time On Bottom: 07:09 12/13 Time Off Bottom: 09:39 12/13

Electronic Volume Estimate:
222'

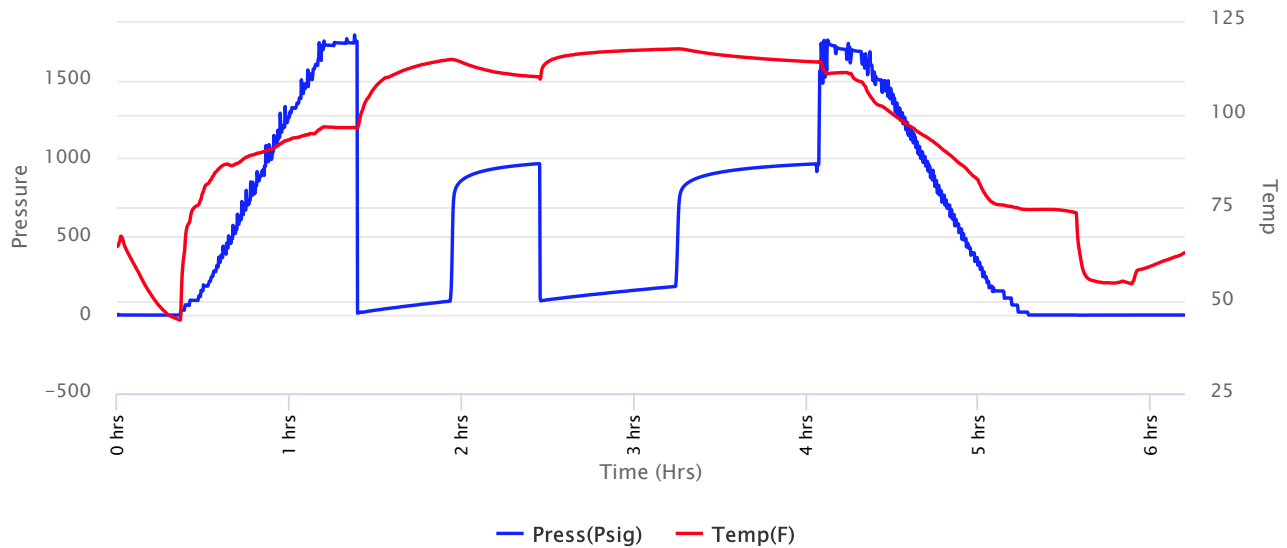
1st Open
Minutes: 30
Current Reading:
12" at 30 min
Max Reading: 12"

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

2nd Open
Minutes: 45
Current Reading:
12" at 45 min
Max Reading: 12"

2nd Close
Minutes: 45
Current Reading:
0" at 45 min
Max Reading: 0"

Inside Recorder





**Company: BlueRidge
Petroleum Corporation
Lease: Dean #1-2**

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

Operation:
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DATE
December
13
2019

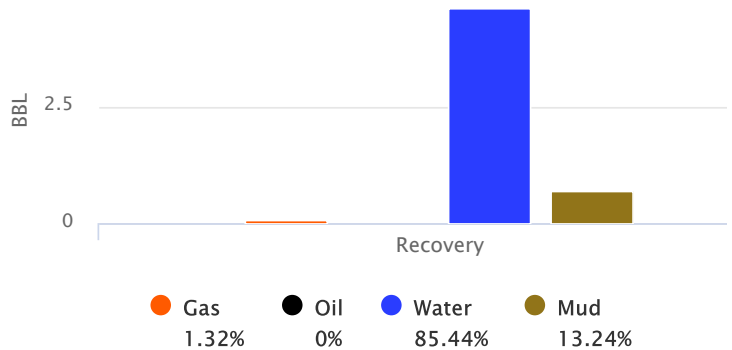
DST #3 **Formation: Hunton** **Test Interval: 3619 - 3627'** **Total Depth: 3627'**
Time On: 05:48 12/13 Time Off: 11:49 12/13
Time On Bottom: 07:09 12/13 Time Off Bottom: 09:39 12/13

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
5	0.07115	G	100	0	0	0
58	0.82534	HWCM	0	0	30	70
189	2.68947	SLMCW	0	0	95	5
126	1.79298	W	0	0	100	0

Total Recovered: 378 ft
Total Barrels Recovered: 5.37894

Reversed Out
NO

Recovery at a glance



GIP cubic foot volume: 0.39947

Initial Hydrostatic Pressure	1738	PSI
Initial Flow	12 to 89	PSI
Initial Closed in Pressure	968	PSI
Final Flow Pressure	92 to 183	PSI
Final Closed in Pressure	963	PSI
Final Hydrostatic Pressure	1734	PSI
Temperature	118	°F
Pressure Change Initial Close / Final Close	0.5	%



**Company: BlueRidge
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Lease: Dean #1-2**

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Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
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Operation:

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pressures

DATE

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2019

DST #3	Formation: Hunton	Test Interval: 3619 - 3627'	Total Depth: 3627'
	Time On: 05:48 12/13	Time Off: 11:49 12/13	
	Time On Bottom: 07:09 12/13	Time Off Bottom: 09:39 12/13	

BUCKET MEASUREMENT:

1st Open: 1/4 Blow. BOB in 30 mins
1st Close: NOBB
2nd Open: 1/4" Blow. BOB in 45 mins
2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 0% Oil 100% Water 0% Mud

Ph: 7

Measured RW: .22 @ 65 degrees °F

RW at Formation Temp: 0.127 @ 118 °F

Chlorides: 55000 ppm



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DST #3 **Formation: Hunton** **Test Interval: 3619 - 3627'** **Total Depth: 3627'**
Time On: 05:48 12/13 Time Off: 11:49 12/13
Time On Bottom: 07:09 12/13 Time Off Bottom: 09:39 12/13

Down Hole Makeup

Heads Up: 29.17 FT	Packer 1: 3614 FT
Drill Pipe: 3623.01 FT <i>ID-3 1/2</i>	Packer 2: 3619 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3606 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3666 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 8	Surface Choke: 1"
Anchor Makeup	
Packer Sub: 1 FT	Bottom Choke: 5/8"
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): 7 FT <i>4 1/2-FH</i>	



Company: BlueRidge Petroleum Corporation

SEC: 2 TWN: 23S RNG: 4W
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Lease: Dean #1-2

Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
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DATE
December
13
2019

DST #3 Formation: Hunton Test Interval: 3619 - 3627' Total Depth: 3627'
Time On: 05:48 12/13 Time Off: 11:49 12/13
Time On Bottom: 07:09 12/13 Time Off Bottom: 09:39 12/13

Mud Properties

Mud Type: Chem **Weight:** 9.55 **Viscosity:** 52 **Filtrate:** 6.8 **Chlorides:** 2400 ppm



**Company: BlueRidge
Petroleum Corporation
Lease: Dean #1-2**

Operation:

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton

Uploading recovery & pressures

Pool: Infield
Job Number: 417
API #: 15-155-21768

DATE
December
13
2019

DST #3 Formation: Hunton Test Interval: 3619 - 3627' Total Depth: 3627'
Time On: 05:48 12/13 Time Off: 11:49 12/13
Time On Bottom: 07:09 12/13 Time Off Bottom: 09:39 12/13

Gas Volume Report

1st Open

2nd Open

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

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



Company: BlueRidge Petroleum Corporation

Lease: Dean #1-2

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

Operation:
Uploading recovery & pressures

DATE
December
14
2019

DST #4 **Formation: Simpson** **Test Interval: 3748 - 3764'** **Total Depth: 3764'**

Time On: 02:06 12/14 Time Off: 07:21 12/14
Time On Bottom: 03:44 12/14 Time Off Bottom: 05:44 12/14

Electronic Volume Estimate:
2'

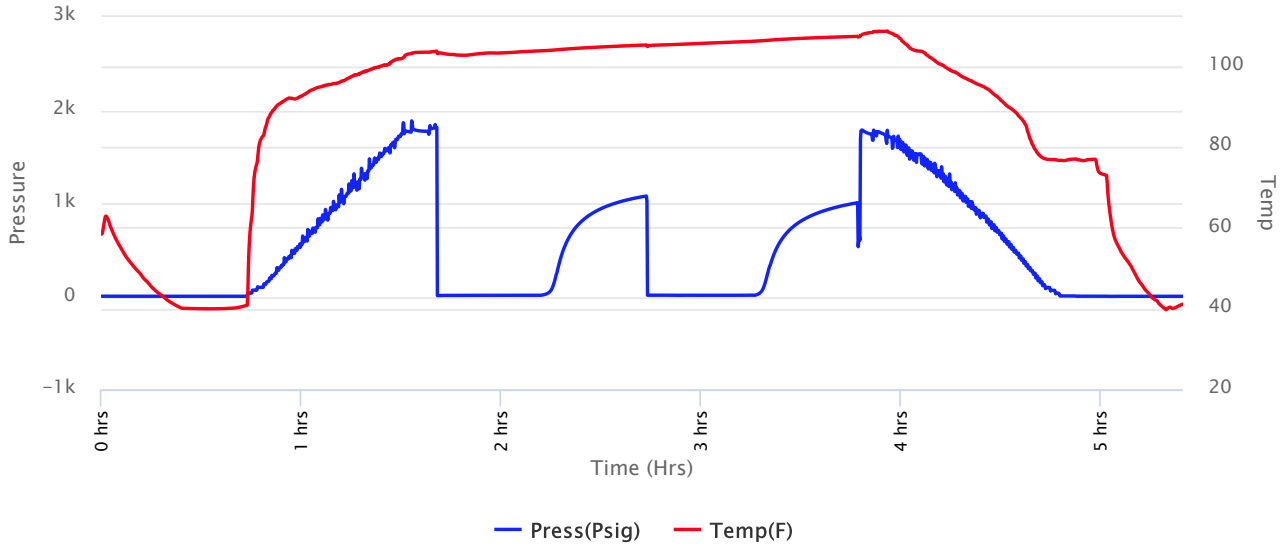
1st Open
Minutes: 30
Current Reading: .1" at 30 min
Max Reading: .2"

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: Dean #1-2**

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

Operation:
Uploading recovery &
pressures

DATE
December
14
2019

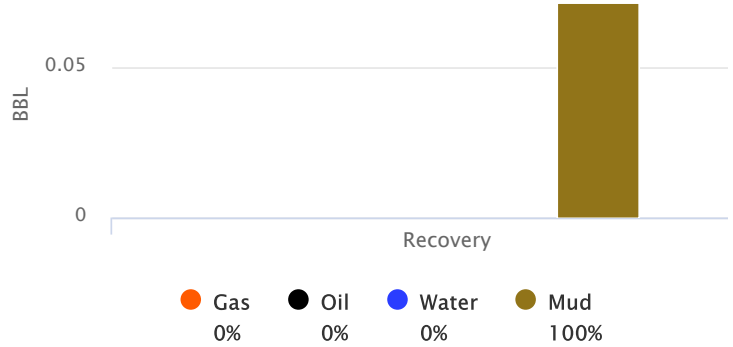
DST #4 Formation: Simpson Test Interval: 3748 - 3764' Total Depth: 3764'
Time On: 02:06 12/14 Time Off: 07:21 12/14
Time On Bottom: 03:44 12/14 Time Off Bottom: 05:44 12/14

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
5	0.07115	M	0	0	0	100

Total Recovered: 5 ft
Total Barrels Recovered: 0.07115

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1763	PSI
Initial Flow	7 to 11	PSI
Initial Closed in Pressure	1077	PSI
Final Flow Pressure	11 to 12	PSI
Final Closed in Pressure	1005	PSI
Final Hydrostatic Pressure	1763	PSI
Temperature	108	°F
Pressure Change Initial Close / Final Close	6.7	%

GIP cubic foot volume: 0



Company: BlueRidge Petroleum Corporation Lease: Dean #1-2

SEC: 2 TWN: 23S RNG: 4W County: RENO State: Kansas Drilling Contractor: Southwind Drilling, Inc - Rig 1 Elevation: 1461 GL Field Name: Burrton Pool: Infield Job Number: 417 API #: 15-155-21768

Operation: Uploading recovery & pressures

DATE December 14 2019

DST #4 Formation: Simpson Test Interval: 3748 - 3764' Total Depth: 3764' Time On: 02:06 12/14 Time Off: 07:21 12/14 Time On Bottom: 03:44 12/14 Time Off Bottom: 05:44 12/14

Down Hole Makeup

Heads Up: 27.4 FT Packer 1: 3743 FT
Drill Pipe: 3750.24 FT ID-3 1/2 Packer 2: 3748 FT
Weight Pipe: FT ID-2 7/8 Top Recorder: 3735 FT
Collars: FT ID-2 1/4 Bottom Recorder: 3752 FT
Test Tool: 26.16 FT ID-3 1/2-FH Well Bore Size: 7 7/8
Total Anchor: 16 Surface Choke: 1"
Anchor Makeup Bottom Choke: 5/8"
Packer Sub: 1 FT
Perforations: (top): 2 FT 4 1/2-FH
Change Over: FT
Drill Pipe: (in anchor): FT ID-3 1/2
Change Over: FT
Perforations: (below): 13 FT 4 1/2-FH



Company: BlueRidge Petroleum Corporation

SEC: 2 TWN: 23S RNG: 4W County: RENO State: Kansas Drilling Contractor: Southwind Drilling, Inc - Rig 1

Operation:
Uploading recovery &
pressures

Lease: Dean #1-2

Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

DATE
December
14
2019

DST #4 Formation: Simpson Test Interval: 3748 - Total Depth: 3764'
3764'

Time On: 02:06 12/14 Time Off: 07:21 12/14
Time On Bottom: 03:44 12/14 Time Off Bottom: 05:44 12/14

Mud Properties

Mud Type: Chem **Weight:** 9.2 **Viscosity:** 51 **Filtrate:** 6.8 **Chlorides:** 1700 ppm



**Company: BlueRidge
Petroleum Corporation
Lease: Dean #1-2**

Operation:

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton

Uploading recovery & pressures

Pool: Infield
Job Number: 417
API #: 15-155-21768

DATE
December
14
2019

DST #4 Formation: Simpson Test Interval: 3748 - 3764' Total Depth: 3764'

Time On: 02:06 12/14 Time Off: 07:21 12/14
Time On Bottom: 03:44 12/14 Time Off Bottom: 05:44 12/14

Gas Volume Report

1st Open

2nd Open

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

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



Company: BlueRidge Petroleum Corporation

Lease: Dean #1-2

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

Operation:
Uploading recovery & pressures

DATE
December
15
2019

DST #5 **Formation: Simpson** **Test Interval: 3769 - 3780'** **Total Depth: 3876'**

Time On: 02:32 12/15 Time Off: 08:47 12/15
Time On Bottom: 04:09 12/15 Time Off Bottom: 05:54 12/15

Electronic Volume Estimate:
1437'

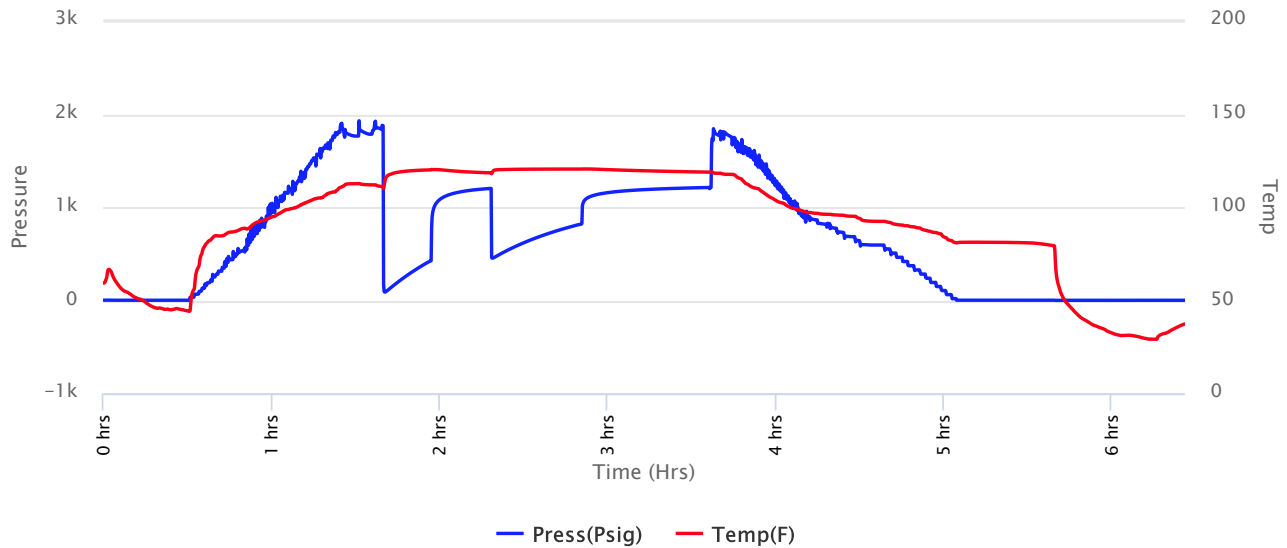
1st Open
Minutes: 15
Current Reading:
89.4" at 15 min
Max Reading: 89.4"

1st Close
Minutes: 20
Current Reading:
0" at 20 min
Max Reading: 0"

2nd Open
Minutes: 30
Current Reading:
76" at 30 min
Max Reading: 76"

2nd Close
Minutes: 40
Current Reading:
0" at 40 min
Max Reading: 0"

Inside Recorder





**Company: BlueRidge
Petroleum Corporation
Lease: Dean #1-2**

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

Operation:
Uploading recovery & pressures

DATE
December
15
2019

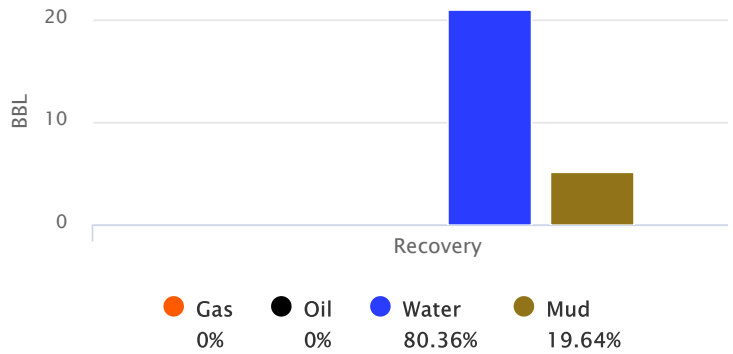
DST #5 Formation: Simpson Test Interval: 3769 - 3780' Total Depth: 3876'
Time On: 02:32 12/15 Time Off: 08:47 12/15
Time On Bottom: 04:09 12/15 Time Off Bottom: 05:54 12/15

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
493	7.01539	HWCM	0	0	30	70
1332	18.95436	SLMCW	0	0	99	1

Total Recovered: 1825 ft
Total Barrels Recovered: 25.96975

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1786	PSI
Initial Flow	88 to 426	PSI
Initial Closed in Pressure	1202	PSI
Final Flow Pressure	457 to 824	PSI
Final Closed in Pressure	1212	PSI
Final Hydrostatic Pressure	1785	PSI
Temperature	121	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0



Company: BlueRidge Petroleum Corporation

Lease: Dean #1-2

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

Operation:
Uploading recovery & pressures

DATE
December
15
2019

DST #5 Formation: Simpson Test Interval: 3769 - 3780' Total Depth: 3876'

Time On: 02:32 12/15 Time Off: 08:47 12/15
Time On Bottom: 04:09 12/15 Time Off Bottom: 05:54 12/15

BUCKET MEASUREMENT:

Diesel in Bucket

1st Open: 1" Blow. BOB in 1 1/4 mins

1st Close: NOBB

2nd Open: 1 1/2 Blow. BOB in 1 3/4 mins

2nd Close: NOBB

REMARKS:

Below Straddle Recorder: 1561

Tool Sample: 0% Gas 1% Oil 99% Water 0% Mud

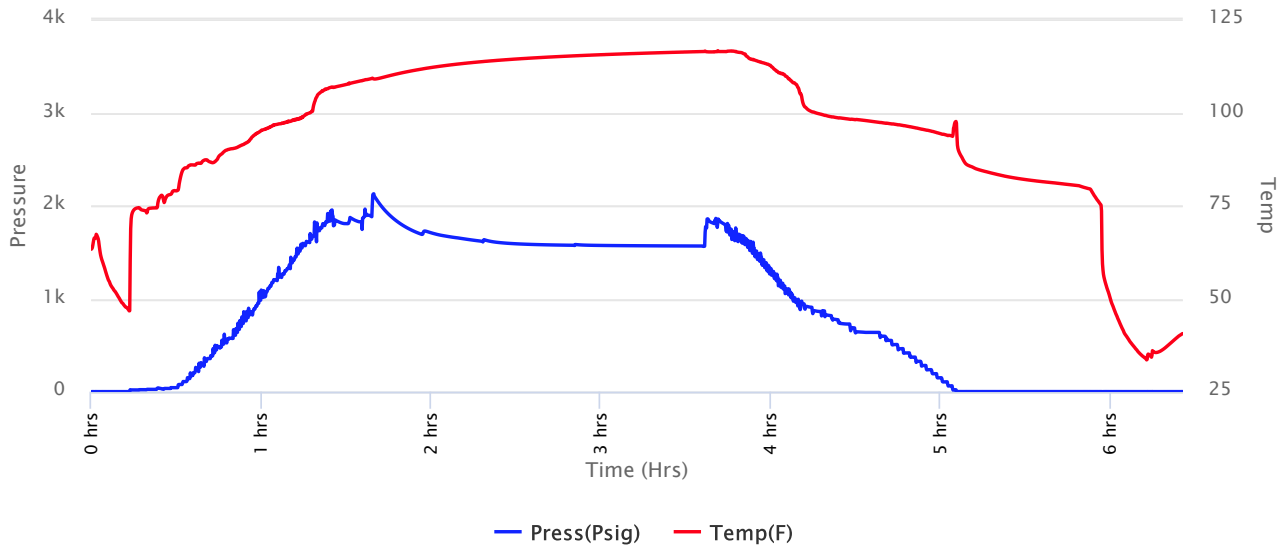
Ph: 7

Measured RW: .81 @ 48 degrees °F

RW at Formation Temp: 0.347 @ 121 °F

Chlorides: 22000 ppm

Below Straddle Recorder





**Company: BlueRidge
Petroleum Corporation
Lease: Dean #1-2**

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

Operation:
Uploading recovery &
pressures

DATE
December
15
2019

DST #5 Formation: Simpson Test Interval: 3769 - 3780' Total Depth: 3876'
Time On: 02:32 12/15 Time Off: 08:47 12/15
Time On Bottom: 04:09 12/15 Time Off Bottom: 05:54 12/15

Down Hole Makeup

Heads Up: 5.1300000000002 FT	Packer 1: 3764 FT
Drill Pipe: 3748.97 FT <i>ID-3 1/2</i>	Packer 2: 3769 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Packer 3: 3780 FT
Collars: FT <i>ID-2 1/4</i>	Top Recorder: 3756 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Bottom Recorder: 3781 FT
Total Anchor: 11	Below Straddle Recorder: 3848 FT
Anchor Makeup	Well Bore Size: 7 7/8
Packer Sub: 1 FT	Surface Choke: 1"
Perforations: (top): 10 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): FT <i>4 1/2-FH</i>	
STRADDLE	
Straddle Packer(s): 1 FT	
Change Over: 1 FT	
Drill Pipe: 63.5 FT <i>ID-3 1/2"</i>	
Change Over: .5 FT	
Perforations (in tail pipe): 29 FT <i>4 1/2-FH</i>	

Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

Operation:
Uploading recovery &
pressures

Lease: Dean #1-2

DATE
December
15
2019

DST #5 Formation: Simpson Test Interval: 3769 - 3780' Total Depth: 3876'

Time On: 02:32 12/15 Time Off: 08:47 12/15
Time On Bottom: 04:09 12/15 Time Off Bottom: 05:54 12/15

Gas Volume Report

1st Open

2nd Open

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

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. 1860

Date 12-5-19 Sec. 2 Twp. 23 Range 4 County Reno State Ks On Location _____ Finish 12:00 PM

Lease Dean Location Burton - 3 W to Worthington Rd,
Well No. 1-2 Owner 3 3/4 N, W/4

Contractor Southwind # 8 To Quality Oilwell Cementing, Inc.
Type Job Conductor 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 17 1/2" T.D. 259' Charge To Blue Ridge Petroleum
Csg. 5 1/2" 13 3/8" Depth 259' Street _____

Tbg. Size _____ Depth _____ City _____ State _____
Tool _____ Depth _____

Cement Left in Csg. 15' Shoe Joint 15' The above was done to satisfaction and supervision of owner agent or contractor.
Cement Amount Ordered 400 80/20 3% CC 2 1/2 bel

Meas Line _____ Displace 36 1/2 BLS 1/2" Flowseal

EQUIPMENT
Pumptrk 5 No. _____ Cementer David Common 300
Bulktrk 21 No. _____ Helper _____ Poz. Mix 75
Bulktrk P.u. No. _____ Driver Tony Gel. 7
Bulktrk _____ No. _____ Driver Rick Calcium 13

JOB SERVICES & REMARKS
Hulls _____

Remarks: _____ Salt _____
Rat Hole 245' of 13 3/8" Flowseal 200#

Mouse Hole 14' of 8 5/8" Kol-Seal _____

Centralizers _____ Mud CLR 48 _____

Baskets _____ CFL-117 or CD110 CAF 38 _____

D/V or Port Collar Cement did Sand _____

Circulate Handling 400 Mileage _____

FLOAT EQUIPMENT

used 325 sx Cement Guide Shoe _____

Centralizer _____

Baskets _____

AFU Inserts _____

Float Shoe _____

Latch Down _____

(Conductor)
Pumptrk Charge Surface

Mileage 60

X Signature Doug Robert Tax _____
Discount _____
Total Charge _____

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. 1862

Date	12-7-19	Sec.	2	Twp.	23	Range	4	County	Reno	State	Ks	On Location		Finish	6:15 PM
------	---------	------	---	------	----	-------	---	--------	------	-------	----	-------------	--	--------	---------

Lease **Dean** Location **Burton - 3W to Worthington Rd,**

Well No. **1-2** Owner **33 1/4 N, w/ Into**

Contractor **Southwind #8** 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. **774'** Charge To **Blue Ridge Petroleum**

Csg. **8 5/8"** Depth **773'** 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. **30'** Shoe Joint **30'** Cement Amount Ordered **450 60/40 4% CC 2% 6cl**

Meas Line Displace **47 1/4 BLS** 1/2 # Flo-seal

EQUIPMENT Common **270**

Pumptrk **5** No. Cementer **Tony #9** Poz. Mix **180**

Bulktrk **21** No. Driver **Doug** Gel. **8**

Bulktrk **pk.** No. Driver **Rick** Calcium **20**

JOB SERVICES & REMARKS Hulls

Remarks: Salt

Rat Hole Flowseal **225 #**

Mouse Hole Kol-Seal

Centralizers Mud CLR 48

Baskets **3, 13, 14** CFL-117 or CD110 CAF 38

D/V or Port Collar Sand

Hook to Casing + Mix 250sx Handling **478**

Cement + Displaced w/ 47 1/4 Mileage

BLS H2O shut in. 11:30 AM

FLOAT EQUIPMENT

Cement did not Circulate Guide Shoe

Run 100' of 1" pipe down backside Centralizer

pump 15sx Cement, pull 1" pipe Baskets **3 - 8 5/8"**

out of hole. 4:15 PM AFU Inserts

Float Shoe

Latch Down

Run 100' of 1" pipe + mix

185 sx Cement.

Cement did Circulate

Pumptrk Charge **Long Surface**

Mileage **60**

Tax

Discount

Total Charge

X Signature **Douglas W Roberts**

Thanks



NOTES

Company: BLUERIDGE PETROLEUM CORP.

Lease: DEAN #1-2

Field: BURRTON

Location: NE-NW-SE-NE (1555' FNL & 805' FEL)

Sec: 2 Twsp: 23S Rge: 4W

County: RENO State: Kansas

KB: 1471' GL: 1461'

Contractor: SOUTHWIND DRILLING, INC. (Rig #8)

Spud: 12/04/2019 Comp: 12/14/2019

RTD: 3875' LTD: 3875'

Mud Up: 2200' Type Mud: Chemical

Samples Saved From: 2300' to RTD

Drilling Time Kept From: 2300' to RTD

Samples Examined From: 2300' to RTD

Geological Supervision from: 2340' to RTD

Geologist on Well: Wyatt Urban (2300-3590') & Jim Musgrove (3590'- RTD)

Surface Casing: 8 5/8" @ 760'

Electronic Surveys: Logged by Pioneer Energy Services, DIL/BHCS, CNL/CDL, MEL



Company: **BlueRidge Petroleum Corporation**
Lease: **Dean #1-2**

SEC: 2 TWN: 23S RNG: 4W
County: RENO
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1461 GL
Field Name: Burrton
Pool: Infield
Job Number: 417
API #: 15-155-21768

Operation:
Uploading recovery & pressures

DATE
December
11
2019

DST #1 Formation: Miss Test Interval: 3298 - 3332' Total Depth: 3332'
Time On: 12:04 12/11 Time Off: 18:19 12/11
Time On Bottom: 13:46 12/11 Time Off Bottom: 16:16 12/11

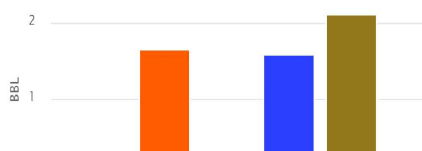
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
116	1.65068	G	100	0	0	0
73	1.03879	HGM	0	0	0	100
126	1.79298	SLOCHWCM	0	1	44	55
63	0.89649	SLGCSLMCW	0	1	89	10

Total Recovered: 378 ft
Total Barrels Recovered: 5.37894

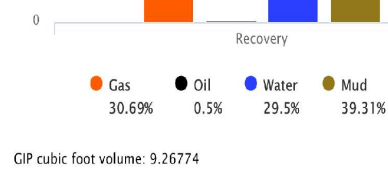
Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure 1638 PSI
Initial Flow 24 to 54 PSI
Initial Closed in Pressure 776 PSI

Final Flow Pressure 59 to 134 PSI
 Final Closed in Pressure 788 PSI
 Final Hydrostatic Pressure 1620 PSI
 Temperature 111 °F
 Pressure Change Initial Close / Final Close 0.0 %



Company: BlueRidge Petroleum Corporation
Lease: Dean #1-2

SEC: 2 TWN: 23S RNG: 4W
 County: RENO
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1461 GL
 Field Name: Burrton
 Pool: Infield
 Job Number: 417
 API #: 15-155-21768

Operation:
 Uploading recovery & pressures

DATE
 December
12
 2019

DST #2 Formation: Hunton Test Interval: 3614 - 3622' Total Depth: 3622'
 Time On: 18:19 12/12 Time Off: 23:52 12/12
 Time On Bottom: 19:44 12/12 Time Off Bottom: 21:59 12/12

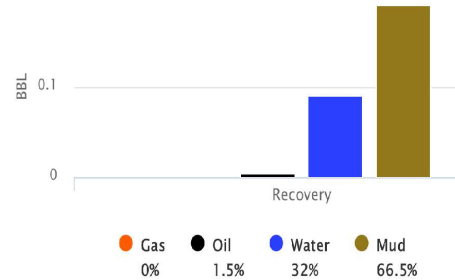
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
18	0.25614	HWCM	0	0	30	70
2	0.02846	SLOCHMCW	0	15	50	35

Total Recovered: 20 ft
 Total Barrels Recovered: 0.2846

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure 1760 PSI
 Initial Flow 10 to 15 PSI
Initial Closed in Pressure 888 PSI
 Final Flow Pressure 17 to 24 PSI
Final Closed in Pressure 832 PSI
 Final Hydrostatic Pressure 1754 PSI
 Temperature 109 °F
 Pressure Change Initial Close / Final Close 6.3 %

12/13/2019



Company: BlueRidge Petroleum Corporation
Lease: Dean #1-2

SEC: 2 TWN: 23S RNG: 4W
 County: RENO
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1461 GL
 Field Name: Burrton
 Pool: Infield
 Job Number: 417
 API #: 15-155-21768

Operation:
 Uploading recovery & pressures

DATE
 December
13
 2019

DST #3 Formation: Hunton Test Interval: 3619 - 3627' Total Depth: 3627'
 Time On: 05:48 12/13 Time Off: 11:49 12/13
 Time On Bottom: 07:09 12/13 Time Off Bottom: 09:39 12/13

Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
5	0.07115	G	100	0	0	0
58	0.82534	HWCM	0	0	30	70
189	2.68947	SLMCW	0	0	95	5
126	1.79298	W	0	0	100	0

Total Recovered: 378 ft
 Total Barrels Recovered: 5.37894

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure 1738 PSI
 Initial Flow 12 to 89 PSI
Initial Closed in Pressure 968 PSI
 Final Flow Pressure 92 to 183 PSI

Final Closed in Pressure 963 PSI
 Final Hydrostatic Pressure 1734 PSI
 Temperature 118 °F
 Pressure Change Initial 0.5 %
 Close / Final Close

Recovery
 Gas 1.32% Oil 0% Water 85.44% Mud 13.24%
 GIP cubic foot volume: 0.39947

12/14/2019

DST #4 for - Diamond Testing, LLC



Company: BlueRidge
 Petroleum Corporation
 Lease: Dean #1-2

SEC: 2 TWN: 23S RNG: 4W
 County: RENO
 State: Kansas
 Drilling Contractor: Southwind Drilling,
 Inc - Rig 1
 Elevation: 1461 GL
 Field Name: Burrton
 Pool: Infield
 Job Number: 417
 API #: 15-155-21768

Operation:
 Uploading recovery &
 pressures

DATE
 December
 14
 2019

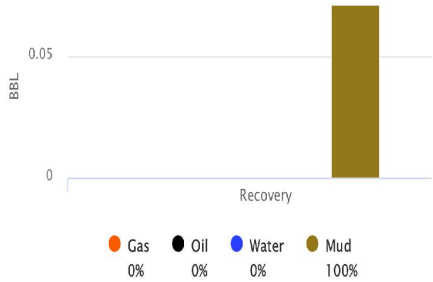
DST #4 Formation: Simpson Test Interval: 3748 - 3764'
 Total Depth: 3764'
 Time On: 02:06 12/14 Time Off: 07:21 12/14
 Time On Bottom: 03:44 12/14 Time Off Bottom: 05:44 12/14

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
5	0.07115	M	0	0	0	100

Total Recovered: 5 ft
 Total Barrels Recovered: 0.07115

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure 1763 PSI
 Initial Flow 7 to 11 PSI
Initial Closed in Pressure 1077 PSI
 Final Flow Pressure 11 to 12 PSI
Final Closed in Pressure 1005 PSI
 Final Hydrostatic Pressure 1763 PSI
 Temperature 108 °F
 Pressure Change Initial 6.7 %
 Close / Final Close

GIP cubic foot volume: 0



Company: BlueRidge
 Petroleum Corporation
 Lease: Dean #1-2

SEC: 2 TWN: 23S RNG: 4W
 County: RENO
 State: Kansas
 Drilling Contractor: Southwind Drilling,
 Inc - Rig 1
 Elevation: 1461 GL
 Field Name: Burrton
 Pool: Infield
 Job Number: 417
 API #: 15-155-21768

Operation:
 Uploading recovery &
 pressures

DATE
 December
 15
 2019

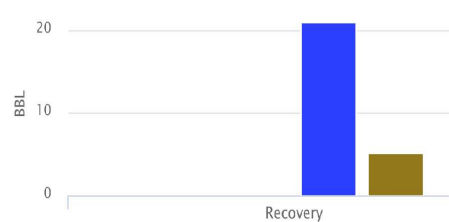
DST #5 Formation: Simpson Test Interval: 3769 - 3780'
 Total Depth: 3876'
 Time On: 02:32 12/15 Time Off: 08:47 12/15
 Time On Bottom: 04:09 12/15 Time Off Bottom: 05:54 12/15

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
493	7.01539	HWCM	0	0	30	70
1332	18.95436	SLMCW	0	0	99	1

Total Recovered: 1825 ft
 Total Barrels Recovered: 25.96975

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure 1786 PSI
 Initial Flow 88 to 426 PSI
Initial Closed in Pressure 1202 PSI
 Final Flow Pressure 457 to 824 PSI
Final Closed in Pressure 1212 PSI
 Final Hydrostatic Pressure 1785 PSI

Temperature 121 °F
 Pressure Change Initial 0.0 %
 Close / Final Close
 GIP cubic foot volume: 0

ROCK TYPES

Cht	sdymst	shale, gry	Ss
Cht vari	Lmst fw<7	Carbon Sh	
Dolprim	Lmst fw>7	Shcol	

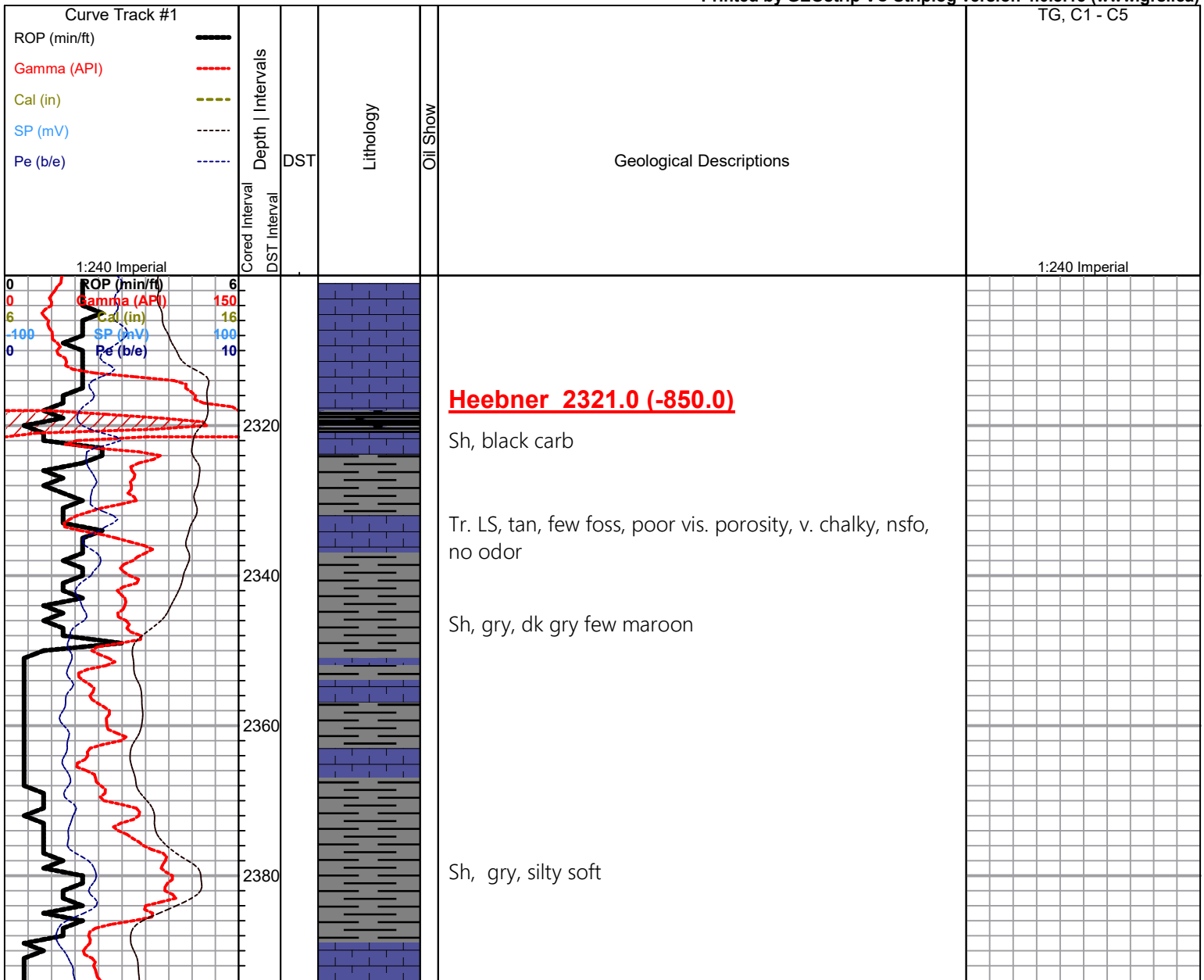
ACCESSORIES

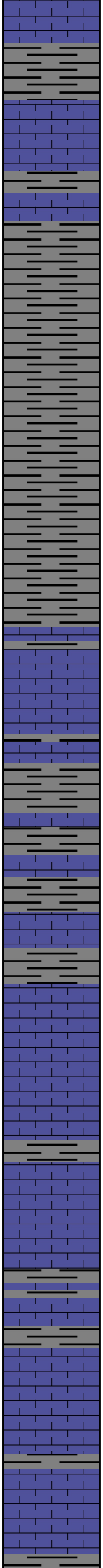
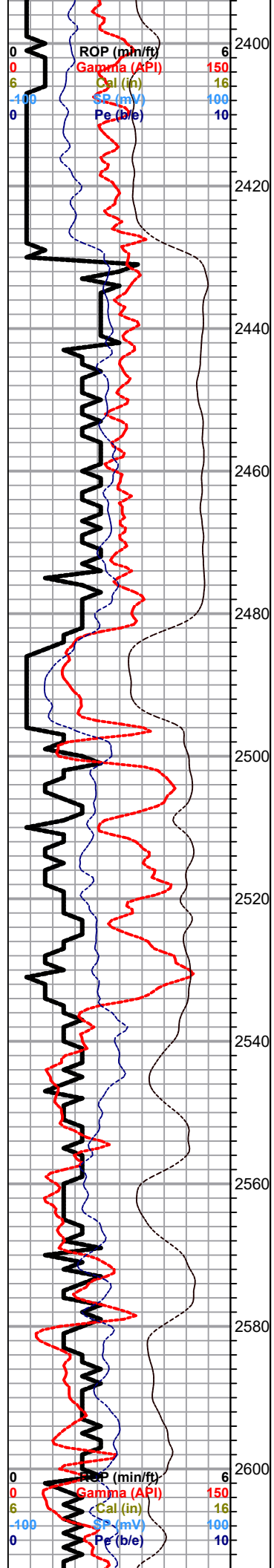
FOSSIL
 Oomoldic

OTHER SYMBOLS

Oil Show	DST
● Good Show	■ DST Int
● Fair Show	■ DST alt
● Poor Show	■ Core
○ Spotted or Trace	■ tail pipe
○ Questionable Stn	
D Dead Oil Stn	
■ Fluorescence	
* Gas	

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)





Abd. gry silty sh. soft,
Tr. sd.poorly devp. , no shows, no odor

Abd. dark gry sh

Tr. LS, brn, tan,f- xln, ft. odor

Sh , gry, dkry,

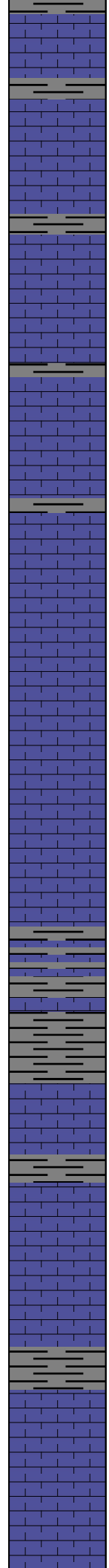
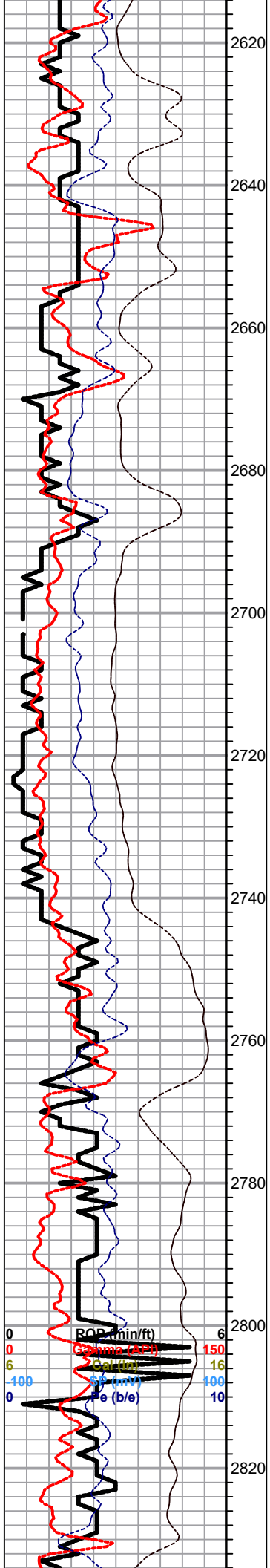
Lansing 2535.0 (-1064.0)

LS, brn tan, f-xln, dense, no shows , nsfo

LS, a/a, poor vis. porosity, no shows , no odor

LS, tan, buff, foss, fair scattered p.p. por., chalky, no shows

LS, tan, buff, foss, v. chalky, no shows



LS, tan, buff, foss, poorly developed, no shows

LS, tan, buff, foss, fair p.p. por., slightly chalky no shows , no odor

Dk gry silty sh.

LS, tan, buff, foss, no sfo, no odor

LS, tan, foss/ micro ool, fair porosity, chalky, no shows

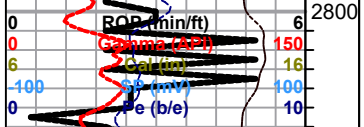
LS, cream, tan, oom , good / fair vuggy oom porosity, chalky, no shows

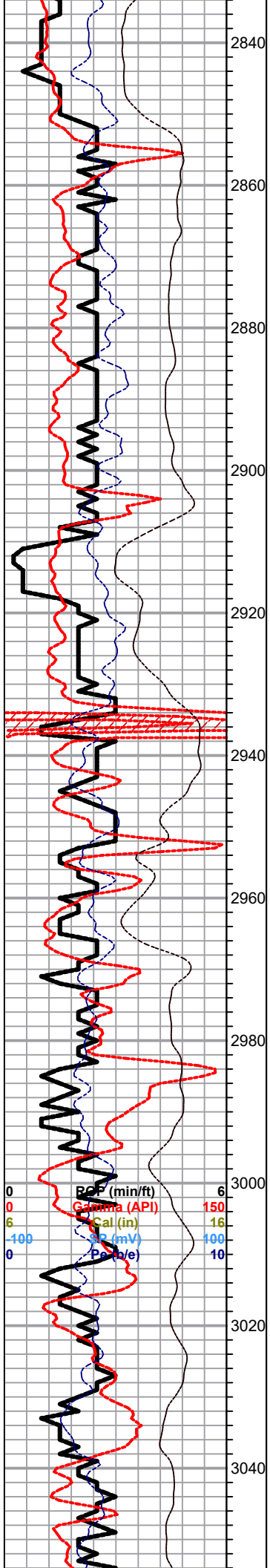
LS, tan, crm, fxl, dense, poor vis. porosity, no shows

LS, tan, foss, poorly developed por., sl. chalky, no shows

slug gry silty sh

LS, white, tan, good vuggy por, no shows





0 RFP (min/ft) 6
 0 Gamma (API) 150
 6 Cal (in) 16
 -100 SR (mV) 100
 0 Po (e) 10

LS, tan, ool, good vuggy type por., no shows

LS, tan, buff, foss, poor por., nsfo, dense, - cherty in pts.

LS, tan, poor porosity, chalky, no shows,

Tr. aqua green sh. LS, tan, dol, fair inxln por, no shows

LS, tan, dol., fair inxln por. , nsfo, no odor

LS, tan, oom, good vuggy porosity, sl. chalky, no shows, no odor

Sh, black carb

○ LS, tan, crm, foss, poor vis. p.p. porosity, tr. brn stain , nsfo, no odor

Dk gry silty sh.

Tr. LS, tan, fxl, dense, cherty poor vis. por. blk sh.

Sh, gry, silty

BKC 2983.0 (-1512.0)

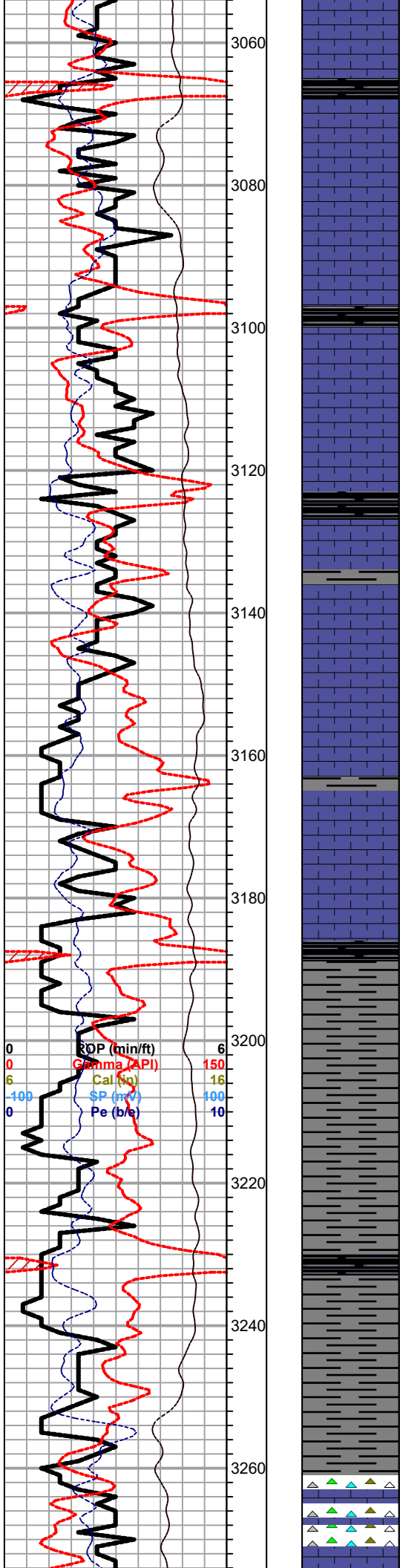
Sh, gry, dk, gry blk

LS, white, crm, ool, poor vis. porosity, no shows, no odor

Abd. dk gry sh, silty,
tr. LS, tan ,buff, ool/foss, poor-fair scattered p.p. porosity, sl. chalky

Sh, dk gry, + Tr. LS, tan, fxl, dense, cherty

Tr. LS, tan, buff, few foss, dense, poor vis. porosity no



Tr. LS, tan, buff, few foss, dense, poor vis. porosity no shows

Slug black sh.

LS, tan, buff, few foss, sl. dol, tr. brn -lt. brn stain nsfo, no odor

Dk, blk sh, few soft gry sh.
Tr. LS, gry, fxl, dense, mottled, no shows, no odor

Cherokee 3121.0 (-1650.0)
Sh, dk green, blk

Sh, aqua green, sh. maroon, brick red <blocky sh>

Sh, black carb

Tr. sd. tan, v. fine grain, poor vis. porosity, friable , tr. dk brn- blk flakey stain nsfo, no odor

Sh, black carb

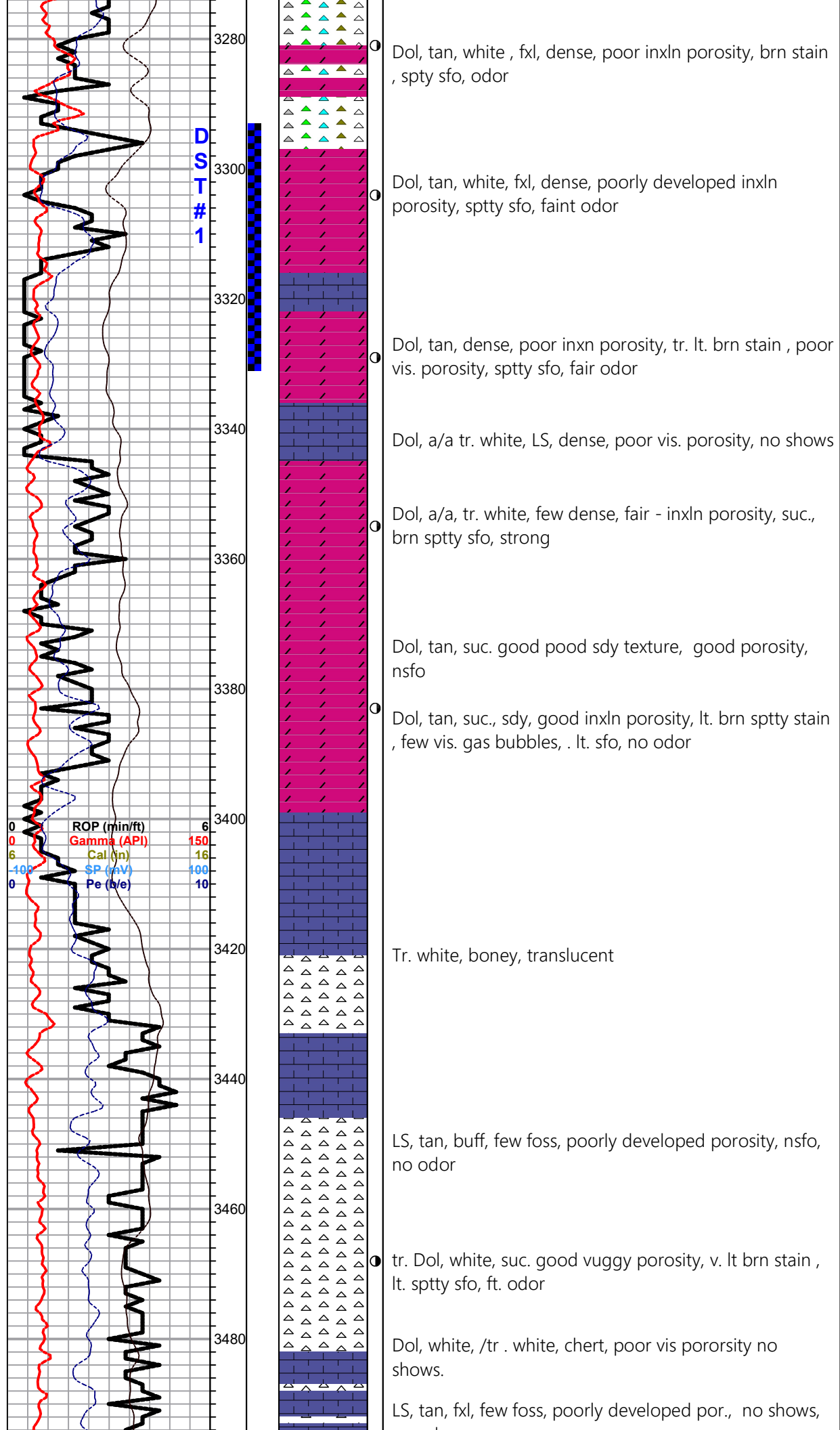
Tr. Sh, dk gry, silty soft

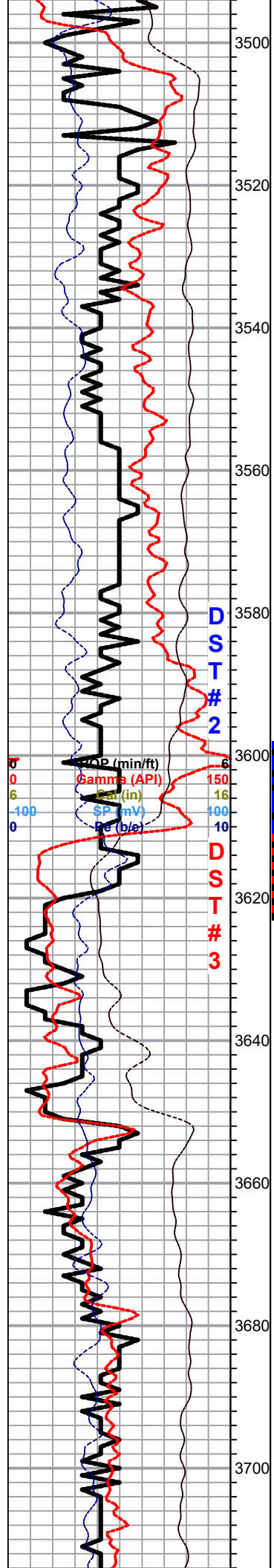
Sh, a/a

Slug black carb

Sh, maroon, dk gry, silty soft

MISS. 3256.0 (-1785.0)
Abd., maroon, soft red sh. samp. Chert white trans., orange, nsfo , no odor Tr. LS, white, yellow, crumbly poor vis. porosity , chalky, no shows,





Kinderhook 3498.0 (-2027.0)

no odor

Sh, gry, dk gry, waxey

Sh, a/a, inc, sdy- dolomitic sh.,

Misner Sd. 3607.0 (-2136.0)

Sd. , qtz, white/ clr., sub rounded , med grain, glauc, in pt, friable, no stain , nsfo, ??? odor

Hunton 3612.0 (-2141.0)

Dol, tan, fxl, suc., glauc., in pt, fair p.p. inxln porosity, fair - good stain , sfo, good odor

Dol, tan, gry, tan, suc., good p.p vuggy porosity, brn-golden brn stain , sfo, odor (few cal. few sdy, tr. pryite)

Dol, gry, white, suc., highly sandy, poor fair porosity, tr. stain , nsfo, ??? odor

Sh, maroon, gry ,dolomitic.

Sh, gry, dk gry/ yellow, dolomitic

Sh, a/a

3940