KOLAR Document ID: 1442299

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

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY				
Confidentiality Requested				
Date:				
Confidential Release Date:				
☐ Wireline Log Received ☐ Drill Stem Tests Received				
Geologist Report / Mud Logs Received				
UIC Distribution				
ALT I II Approved by: Date:				

KOLAR Document ID: 1442299

Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used	ed Type and Percent Additives			
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Shots Per Perforation Foot Top Bottom Type Set At Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)				Record			
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion		
Operator	Shelby Resources LLC		
Well Name	BORCK UNIT 1-25		
Doc ID	1442299		

All Electric Logs Run

Dual Induction
Compensated Neutron
Micro
Sonic

Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	BORCK UNIT 1-25
Doc ID	1442299

Tops

Name	Тор	Datum
HEEBNER SHALE	3371	-1390
TORONTO	3388	-1407
LKC	3488	-1507
STARK SHALE	3668	-1687
BKC	3699	-1718
VIOLA	3782	-1801
SIMP. SAND	3882	-1901
ARBUCKLE	3887	-1906
LTD	3980	-1999

Form	ACO1 - Well Completion		
Operator	Shelby Resources LLC		
Well Name	BORCK UNIT 1-25		
Doc ID	1442299		

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	23	975	60/40 Poz	2%gel / 4% cc



Prepared For: Shelby Resources LLC

13949 W Colfax bldg 1 ste 120

ATTN: Jeremy Schgwasrtz

Borck Unit #1-25

25-21s-16w Pawnee

Start Date: 2018.12.08 @ 10:17:00 End Date: 2018.12.08 @ 03:48:00 Job Ticket #: 01052 DST #: 1

Eagle Testers

1309 Patton Road Great Bend, Kansas 67530 620-791-7394

Printed: 2018.12.08 @ 18:13:44



Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01052

DST#:1

ATTN: Jeremy Schgwasrtz

Test Start: 2018.12.08 @ 10:17:00

GENERAL INFORMATION:

Formation: Conglomerate

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) ft (KB)

Time Tool Opened: 12:42:00

Tester: Gene Budig

Unit No:

Time Test Ended: 03:48:00

1981.00 ft (KB)

3742.00 ft (KB) To 3790.00 ft (KB) (TVD) 3790.00 ft (KB) (TVD)

Reference Elevations:

1970.00 ft (CF)

Total Depth: Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 11.00 ft

Serial #: 9119 Inside

Press@RunDepth:

447.97 psig @

3785.00 ft (KB)

Capacity: Last Calib.: 5000.00 psig

Start Date: Start Time:

Interval:

2018.12.08 11:20:00 End Date: End Time:

2018.12.08 15:46:00

Time On Btm:

2018.12.08 2018.12.08 @ 12:40:30

Time Off Btm:

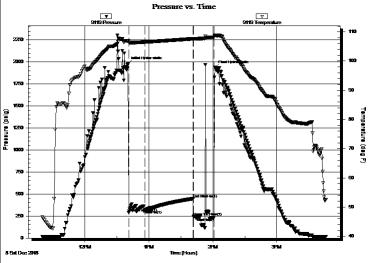
2018.12.08 @ 14:02:00

TEST COMMENT: 1st opening 15 Minutes weak surface blow decreasing

1st Shut-In 45 minutes

2nd opening 23 Minutes no blow flushed tool surging blow died came out of the hole tool took all the string weight off

and on for the last 200 feet except for the last 20 it was free set on bottom and never slid



	THEOGOTIE GOWN, TH						
	Time	Pressure	Temp	Annotation			
	(Min.)	(psig)	(deg F)				
	0	1977.09	106.92	Initial Hydro-static			
	1	288.13	106.44	Open To Flow (1)			
	16	316.30	106.53	Shut-In(1)			
	61	447.97	107.64	End Shut-In(1)			
	62	243.74	107.60	Open To Flow (2)			
	81	230.72	108.19	Shut-In(2)			
ì	82	1934.75	108.84	Final Hydro-static			
,							

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Drilling mud	0.44

Gas Rat	es	
Choko (inchos)	Proceuro (peig)	Gas Pata (Mof/d)

Eagle Testers Ref. No: 01052 Printed: 2018.12.08 @ 18:13:45



Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01052

Tester:

Unit No:

DST#:1

1981.00 ft (KB)

ATTN: Jeremy Schgwasrtz

Test Start: 2018.12.08 @ 10:17:00

Gene Budig

GENERAL INFORMATION:

Formation: Conglomerate

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 12:42:00
Time Test Ended: 03:48:00

Interval: 3742.00 ft (KB) To 3790.00 ft (KB) (TVD) Reference Elevations:

Interval: 3742.00 ft (KB) To 3790.00 ft (KB) (TVD)

Total Depth: 3790.00 ft (KB) (TVD)

1970.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 11.00 ft

Serial #: 91716 Outside

Press@RunDepth: 452.22 psig @ 3785.00 ft (KB) Capacity: 5000.00 psig

 Start Date:
 2018.12.08
 End Date:
 2018.12.08
 Last Calib.:
 2018.12.08

 Start Time:
 11:21:30
 End Time:
 15:46:30
 Time On Btm:
 2018.12.08 @ 12:41:00

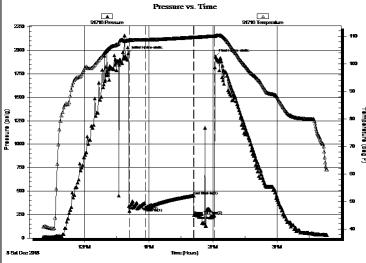
 Time Off Btm:
 2018.12.08 @ 14:02:30

TEST COMMENT: 1st opening 15 Minutes weak surface blow decreasing

1st Shut-In 45 minutes

2nd opening 23 Minutes no blow flushed tool surging blow died came out of the hole tool took all the string weight off

and on for the last 200 feet except for the last 20 it was free set on bottom and never slid



Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1967.21	108.56	Initial Hydro-static
	1	290.22	108.66	Open To Flow (1)
	16	320.11	108.77	Shut-In(1)
_	61	452.22	109.67	End Shut-In(1)
	62	242.83	109.68	Open To Flow (2)
	81	239.01	110.09	Shut-In(2)
Temperature (deg F	82	1934.73	110.22	Final Hydro-static
J				

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Drilling mud	0.44

Gas Rates				
	Choke (inches)	Pressure (psig)	Gas Bate (Mcf/d)	

Eagle Testers Ref. No: 01052 Printed: 2018.12.08 @ 18:13:45



TOOL DIAGRAM

Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01052

DST#:1

ATTN: Jeremy Schgwasrtz

Test Start: 2018.12.08 @ 10:17:00

Tool Information

Drill Pipe: Length: 3511.00 ft Diameter: Heavy Wt. Pipe: Length: Drill Collar: Length:

0.00 ft Diameter: 210.00 ft Diameter: 3.80 inches Volume: 49.25 bbl 0.00 inches Volume: 2.25 inches Volume: Total Volume:

0.00 bbl 1.03 bbl 50.28 bbl Tool Weight: 2000.00 lb Weight set on Packer: 20000.00 lb Weight to Pull Loose: 94000.00 lb Tool Chased 200.00 ft

String Weight: Initial 68000.00 lb

Final 68000.00 lb

Drill Pipe Above KB: 9.00 ft Depth to Top Packer: 3742.00 ft

Depth to Bottom Packer: ft Interval between Packers: 48.00 ft 78.00 ft Tool Length:

Number of Packers:

2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3717.00		
Hydraulic tool	5.00			3722.00		
Jars	5.00			3727.00		
Safety Joint	5.00			3732.00		
Packer	5.00			3737.00	30.00	Bottom Of Top Packer
Packer	5.00		Fluid	3742.00		
Anchor	43.00			3785.00		
Recorder	0.00	9119	Inside	3785.00		
Recorder	0.00	91716	Outside	3785.00		
Bullnose	5.00			3790.00	48.00	Bottom Packers & Anchor

Total Tool Length: 78.00

Eagle Testers Ref. No: 01052 Printed: 2018.12.08 @ 18:13:46



FLUID SUMMARY

Shelby Resources LLC 25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120 Borck Unit #1-25

Job Ticket: 01052 **DST#:1**

ATTN: Jeremy Schgwasrtz Test Start: 2018.12.08 @ 10:17:00

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: ppm

Viscosity: 62.00 sec/qt Cushion Volume: bbl

Water Loss: 8.78 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 4500.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Drilling mud	0.443

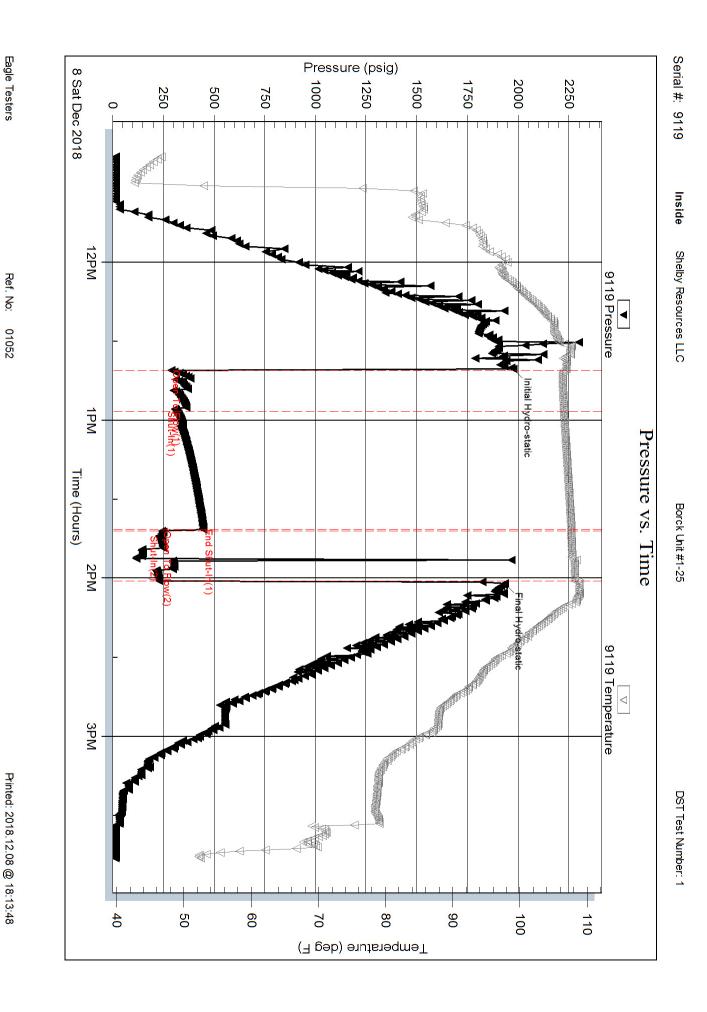
Total Length: 90.00 ft Total Volume: 0.443 bbl

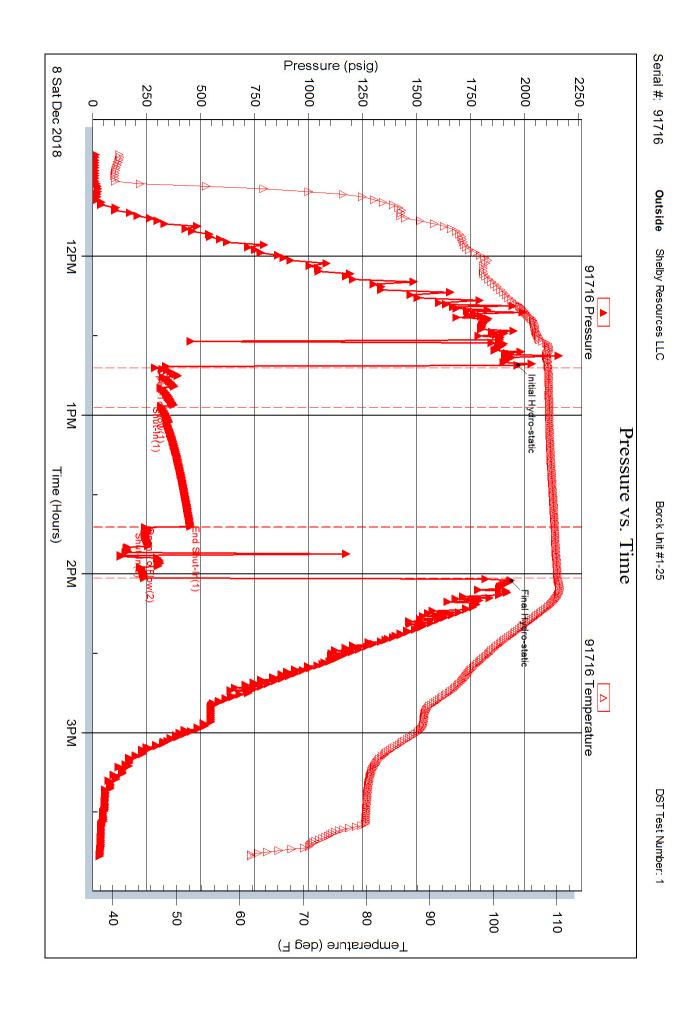
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Eagle Testers Ref. No: 01052 Printed: 2018.12.08 @ 18:13:46





Eagle Testers

Ref. No: 01052

Printed: 2018.12.08 @ 18:13:48



Prepared For: Shelby Resources LLC

13949 W Colfax bldg 1 ste 120

ATTN: Jeremy Schgwasrtz

Borck Unit #1-25

25-21s-16w Pawnee

Start Date: 2018.12.09 @ 01:30:00 End Date: 2018.12.09 @ 09:26:00 Job Ticket #: 01053 DST #: 2

Eagle Testers
1309 Patton Road Great Bend, Kansas 67530

620-791-7394



Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01053

DST#:2

ATTN: Jeremy Schgwasrtz

Test Start: 2018.12.09 @ 01:30:00

GENERAL INFORMATION:

Formation: Conglomerate & Viola

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) ft (KB)

Time Tool Opened: 03:19:00 Tester: Gene Budig

Time Test Ended: 09:26:00 Unit No:

Interval: 3749.00 ft (KB) To 3820.00 ft (KB) (TVD) Reference Elevations: 1981.00 ft (KB) Total Depth: 3820.00 ft (KB) (TVD)

1970.00 ft (CF)

7.88 inches Hole Condition: Fair Hole Diameter: KB to GR/CF: 11.00 ft

Serial #: 9119 Inside

Press@RunDepth: 169.29 psig @ 3815.06 ft (KB) Capacity: 5000.00 psig

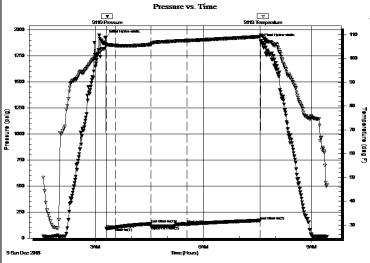
Start Date: 2018.12.09 End Date: Last Calib.: 2018.12.09 2018.12.09 Start Time: 01:33:00 End Time: 2018.12.09 @ 03:16:59 09:25:00 Time On Btm: Time Off Btm: 2018.12.09 @ 07:35:30

TEST COMMENT: 1st Opening 15 Minutes weak blow build to 5 inches into the water

1st Shut-In 60 Minutes no blow back

2nd nopening 60 Minutes weak blow died in 37 mninutes flushed tool weak surface blow

2nd Shut 120 minutes no blow back



	THEOGOTIE GOWINATTI							
	Time	Pressure	Temp	Annotation				
	(Min.)	(psig)	(deg F)					
	0	1926.43	106.00	Initial Hydro-static				
	2	90.18	105.69	Open To Flow (1)				
	17	101.75	105.42	Shut-In(1)				
	76	137.43	105.83	End Shut-In(1)				
3	76	114.57	105.83	Open To Flow (2)				
	136	134.92	107.50	Shut-In(2)				
•	258	169.29	109.12	End Shut-In(2)				
9	259	1895.80	109.69	Final Hydro-static				

PRESSURE SUMMARY

Recovery

Description	Volume (bbl)
Drilling Mud no shows	0.59
	·

Gas Rates					
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)			

Eagle Testers Ref. No: 01053 Printed: 2018.12.09 @ 09:51:02



Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01053

DST#:2

ATTN: Jeremy Schgwasrtz

Test Start: 2018.12.09 @ 01:30:00

GENERAL INFORMATION:

Conglomerate & Viola Formation:

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) ft (KB)

Time Tool Opened: 03:19:00 Time Test Ended: 09:26:00 Tester: Gene Budig

Unit No:

3749.00 ft (KB) To 3820.00 ft (KB) (TVD)

Reference Elevations:

1981.00 ft (KB)

Total Depth: 3820.00 ft (KB) (TVD)

1970.00 ft (CF)

7.88 inches Hole Condition: Fair Hole Diameter:

KB to GR/CF: 11.00 ft

Serial #: 91716 Press@RunDepth:

Outside

172.47 psig @

3815.06 ft (KB)

Capacity:

5000.00 psig

Start Date: Start Time:

Interval:

2018.12.09 01:34:30 End Date: End Time:

2018.12.09 09:24:30

Time On Btm:

2018.12.09 2018.12.09 @ 03:17:00

Time Off Btm:

Last Calib.:

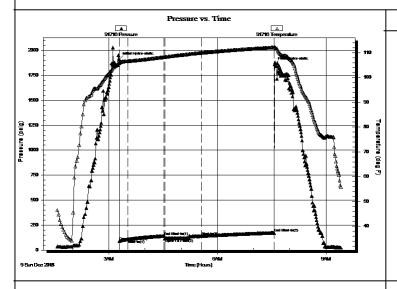
2018.12.09 @ 07:34:30

TEST COMMENT: 1st Opening 15 Minutes weak blow build to 5 inches into the water

1st Shut-In 60 Minutes no blow back

2nd nopening 60 Minutes weak blow died in 37 mninutes flushed tool weak surface blow

2nd Shut 120 minutes no blow back



PRESSURE SUMMARY					
Pressure	Temp	Annotation			

IIIIIC	l i essuie	Temp	Alliotation
(Min.)	(psig)	(deg F)	
0	1908.39	105.83	Initial Hydro-static
1	90.27	105.94	Open To Flow (1)
15	106.86	106.59	Shut-In(1)
75	140.91	108.21	End Shut-In(1)
76	116.40	108.25	Open To Flow (2)
137	139.81	109.92	Shut-In(2)
257	172.47	112.11	End Shut-In(2)
258	1860.31	112.16	Final Hydro-static

Recovery

Description	Volume (bbl)
Drilling Mud no shows	0.59
	·

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Eagle Testers Ref. No: 01053 Printed: 2018.12.09 @ 09:51:02



TOOL DIAGRAM

Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01053

DST#:2

ATTN: Jeremy Schgwasrtz

Test Start: 2018.12.09 @ 01:30:00

Tool Information

Drill Pipe: Length: 3511.00 ft Diameter: Heavy Wt. Pipe: Length: 0.00 ft Diameter: Drill Collar: Length: 210.00 ft Diameter:

3511.00 ft Diameter: 3.80 inches Volume: 49 0.00 ft Diameter: 0.00 inches Volume: 0 210.00 ft Diameter: 2.25 inches Volume: 1

Total Volume:

 49.25 bbl
 Tool Weight:
 2000.00 lb

 0.00 bbl
 Weight set on Packer:
 20000.00 lb

 1.03 bbl
 Weight to Pull Loose:
 86000.00 lb

 50.28 bbl
 Tool Chased
 0.00 ft

Drill Pipe Above KB: 11.00 ft
Depth to Top Packer: 3740.00 ft

Tool Chased 0.00 ft
String Weight: Initial 70000.00 lb

Depth to Bottom Packer: ft Interval between Packers: 80.06 ft

Final 70000.00 lb

Tool Length: 110.06 ft
Number of Packers: 2

2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3715.00		
Hydraulic tool	5.00			3720.00		
Jars	5.00			3725.00		
Safety Joint	5.00			3730.00		
Packer	5.00			3735.00	30.00	Bottom Of Top Packer
Packer	5.00		Fluid	3740.00		
Anchor	5.00			3745.00		
Change Over Sub	0.75			3745.75		
Drill Pipe	63.56			3809.31		
Change Over Sub	0.75		Inside	3810.06		
Anchor	5.00			3815.06		
Recorder	0.00	9119	Inside	3815.06		
Recorder	0.00	91716	Outside	3815.06		
Bullnose	5.00			3820.06	80.06	Bottom Packers & Anchor

Total Tool Length: 110.06

Eagle Testers Ref. No: 01053 Printed: 2018.12.09 @ 09:51:03



FLUID SUMMARY

Shelby Resources LLC 25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120 Borck Unit #1-25

Job Ticket: 01053 DST#:2

ATTN: Jeremy Schgwasrtz Test Start: 2018.12.09 @ 01:30:00

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: Cushion Length: 9.00 lb/gal Water Salinity: ft ppm

Viscosity: 62.00 sec/qt Cushion Volume: bbl

Water Loss: 8.79 in³ Gas Cushion Type:

Resistivity: Gas Cushion Pressure: ohm.m psig

Salinity: 4500.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Drilling Mud no shows	0.590

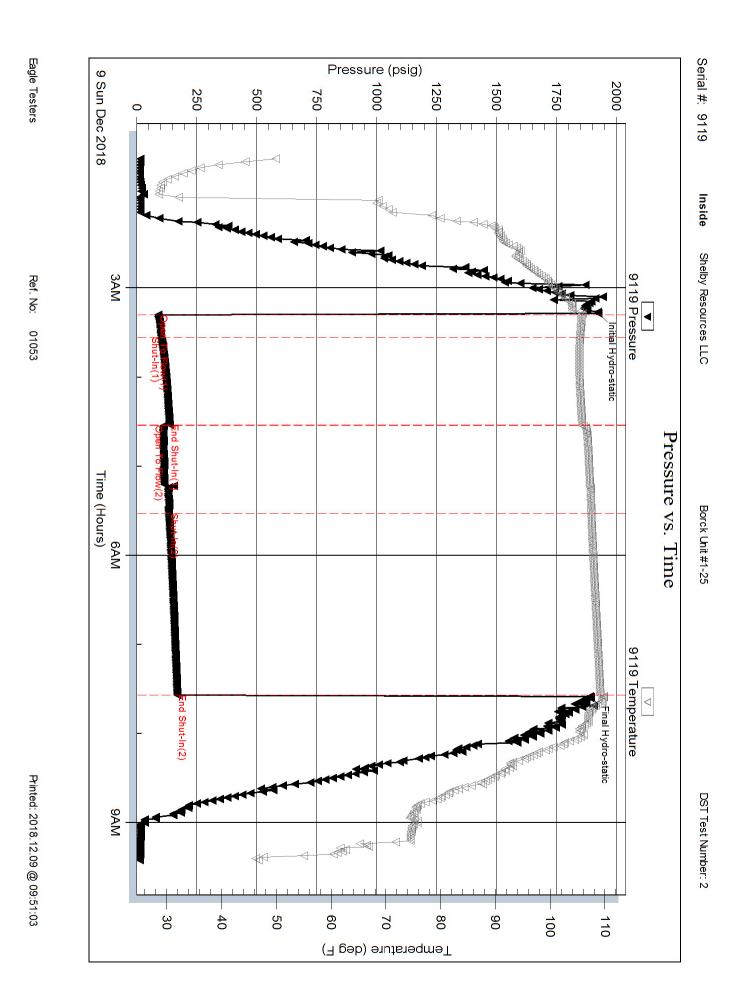
Total Length: 120.00 ft Total Volume: 0.590 bbl

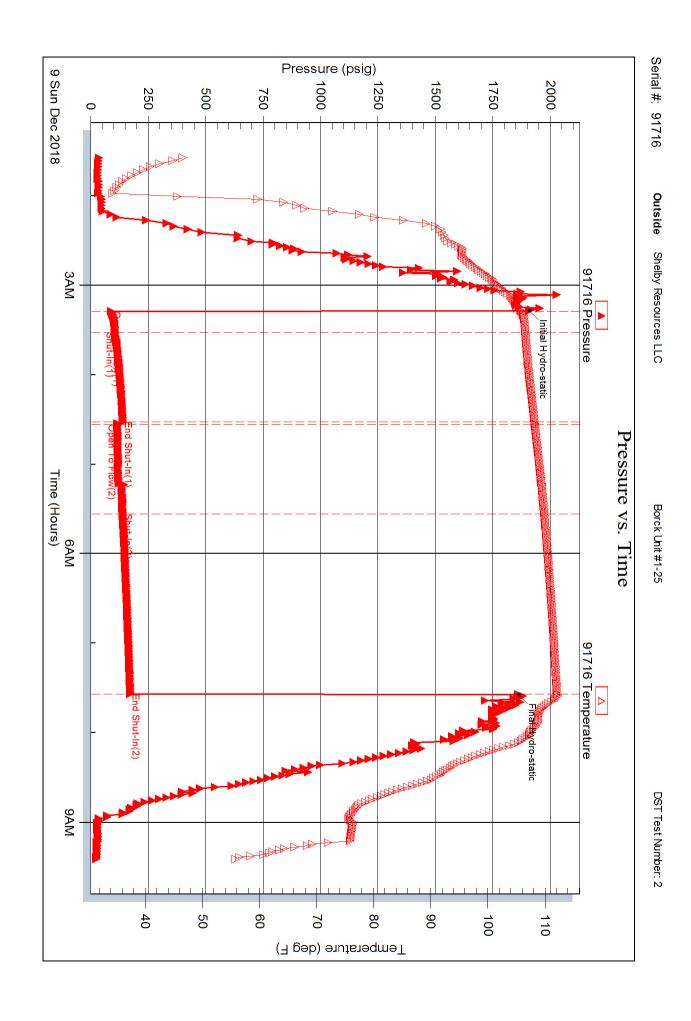
Num Fluid Samples: 0 Num Gas Bombs: Serial #: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Eagle Testers Ref. No: 01053 Printed: 2018.12.09 @ 09:51:03





Eagle Testers

Ref. No:

01053

Printed: 2018.12.09 @ 09:51:04



Prepared For: Shelby Resources LLC

13949 W Colfax bldg 1 ste 120

ATTN: Jeremy Schwartz

Borck Unit #1-25

25-21s-16w Pawnee

Start Date: 2018.12.10 @ 18:13:00 End Date: 2018.12.10 @ 22:30:00 Job Ticket #: 01054 DST #: 3

Eagle Testers
1309 Patton Road Great Bend, Kansas 67530

620-791-7394



Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Reference Elevations:

Job Ticket: 01054

DST#:3

1981.00 ft (KB)

ATTN: Jeremy Schwartz

Test Start: 2018.12.10 @ 18:13:00

GENERAL INFORMATION:

Formation: Viola

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial) Time Tool Opened: 20:30:00 Tester: Gene Bujdig

Time Test Ended: 22:30:00 Unit No:

Interval: 3818.00 ft (KB) To 3842.00 ft (KB) (TVD)

Total Depth: 3842.00 ft (KB) (TVD) 1970.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 9119 Inside

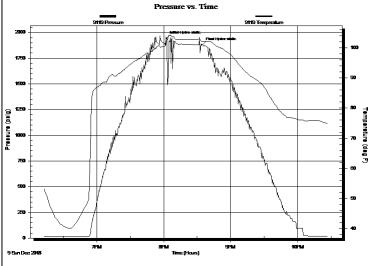
Press@RunDepth: 3837.00 ft (KB) Capacity: psig @ 5000.00 psig

Start Date: 2018.12.09 End Date: 2018.12.09 Last Calib.: 2018.12.10 Start Time: 18:13:00 End Time: Time On Btm: 2018.12.09 @ 20:02:30 20:30:00

2018.12.09 @ 20:34:29 Time Off Btm:

DDECCLIDE CLIMANADY

TEST COMMENT: missrun packer failure



	PRESSURE SUMMARY				
Ī	Time	Pressure	Temp	Annotation	
	(Min.)	(psig)	(deg F)		
	0	1942.60	102.19	Initial Hydro-static	
	32	1878.62	102.14	Final Hydro-static	
,					
, de la company					
1					
,					

Recovery

Length (ft)	Description	Volume (bbl)
400.00		3.70

Gas Rat		
Choke (inches)	Proceure (neig)	Gas Rate (Mcf/d)

Eagle Testers Ref. No: 01054 Printed: 2018.12.10 @ 05:50:04



Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Reference Elevations:

Job Ticket: 01054

DST#:3

1981.00 ft (KB)

ATTN: Jeremy Schwartz

Test Start: 2018.12.10 @ 18:13:00

GENERAL INFORMATION:

Formation: Viola

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial) Time Tool Opened: 20:30:00 Tester: Gene Bujdig

Time Test Ended: 22:30:00 Unit No:

Interval: 3818.00 ft (KB) To 3842.00 ft (KB) (TVD)

Total Depth: 3842.00 ft (KB) (TVD) 1970.00 ft (CF)

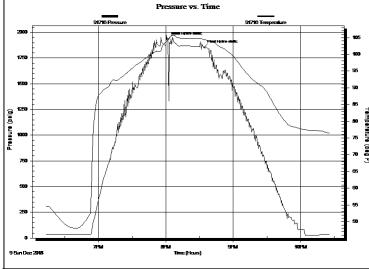
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 91716 Outside

Press@RunDepth: 3837.00 ft (KB) Capacity: psig @ 5000.00 psig

Start Date: 2018.12.09 End Date: 2018.12.09 Last Calib.: 2018.12.10 Start Time: 18:13:30 End Time: Time On Btm: 2018.12.09 @ 20:02:00 22:25:59 2018.12.09 @ 20:34:00 Time Off Btm:

TEST COMMENT: missrun packer failure



1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1934.61	104.37	Initial Hydro-static
	32	1852.30	104.35	Final Hydro-static
.				
•				
"				

PRESSURE SUMMARY

Recovery

Description	Volume (bbl)
	3.70
	Description

Gas Rat	es	
Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)

Eagle Testers Ref. No: 01054 Printed: 2018.12.10 @ 05:50:04



TOOL DIAGRAM

Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01054

DST#:3

ATTN: Jeremy Schwartz

Test Start: 2018.12.10 @ 18:13:00

Tool Information

Drill Pipe: Length: 3590.00 ft Diameter: Heavy Wt. Pipe: Length: 0.00 ft Diameter: Drill Collar: Length: 210.00 ft Diameter:

3.80 inches Volume: 50.36 bbl 0.00 inches Volume: 0.00 bbl 2.25 inches Volume: 1.03 bbl

Total Volume:

51.39 bbl

Tool Weight: 2000.00 lb Weight set on Packer: 20000.00 lb Weight to Pull Loose: 70000.00 lb

Drill Pipe Above KB: 12.00 ft
Depth to Top Packer: 3818.00 ft

Tool Chased 0.00 ft String Weight: Initial 70000.00 lb

Depth to Top Packer: 3818.00 ft
Depth to Bottom Packer: ft

Final 70000.00 lb

Interval between Packers: 24.00 ft

Tool Length: 54.00 ft

Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3793.00		
Hydraulic tool	5.00			3798.00		
Jars	5.00			3803.00		
Safety Joint	5.00			3808.00		
Packer	5.00			3813.00	30.00	Bottom Of Top Packer
Packer	5.00		Fluid	3818.00		
Anchor	19.00			3837.00		
Recorder	0.00	9119	Inside	3837.00		
Recorder	0.00	91716	Outside	3837.00		
Bullnose	5.00			3842.00	24.00	Bottom Packers & Anchor

Total Tool Length: 54.00

Eagle Testers Ref. No: 01054 Printed: 2018.12.10 @ 05:50:05



FLUID SUMMARY

Shelby Resources LLC 25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120 Borck Unit #1-25

Serial #:

Job Ticket: 01054 **DST#:3**

ATTN: Jeremy Schwartz Test Start: 2018.12.10 @ 18:13:00

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: ppm

Viscosity: 61.00 sec/qt Cushion Volume: bbl

Water Loss: 8.78 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 5000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
400.00		3.698

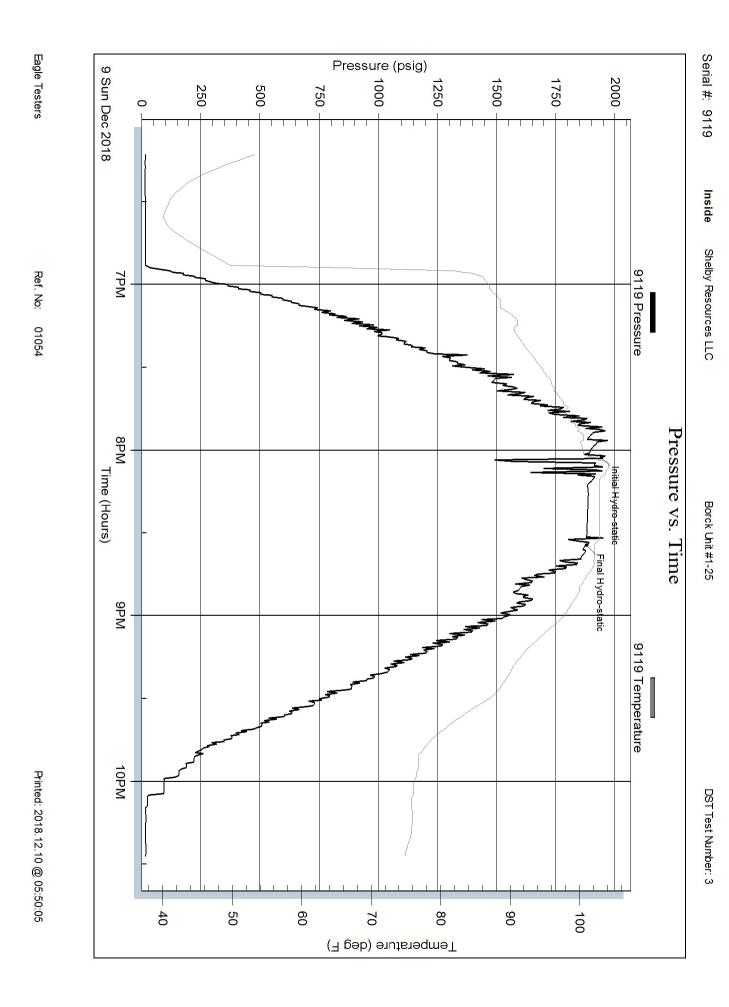
Total Length: 400.00 ft Total Volume: 3.698 bbl

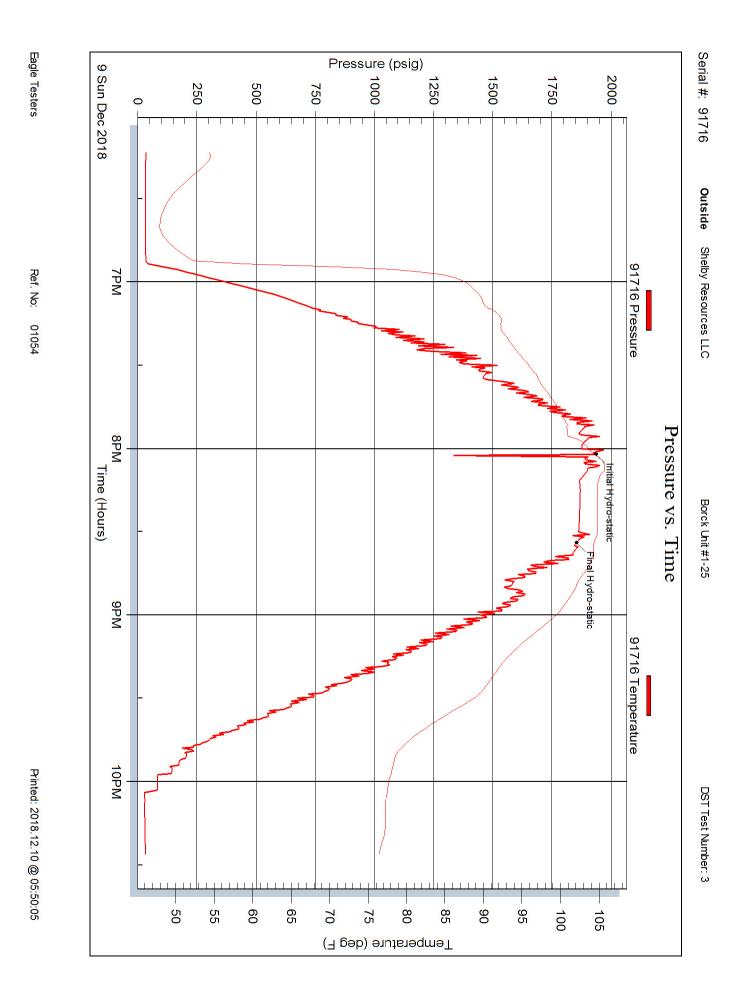
Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Eagle Testers Ref. No: 01054 Printed: 2018.12.10 @ 05:50:05







Prepared For: Shelby Resources LLC

13949 W Colfax bldg 1 ste 120

ATTN: Jeremy Schwartz

Borck Unit #1-25

25-21s-16w Pawnee

Start Date: 2018.12.10 @ 22:30:00 End Date: 2018.12.10 @ 05:20:00 Job Ticket #: 01055 DST #: 4

Eagle Testers

1309 Patton Road Great Bend, Kansas 67530

620-791-7394



Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01055

Tester:

DST#:4

ATTN: Jeremy Schwartz

Test Start: 2018.12.10 @ 22:30:00

Gene Budig

GENERAL INFORMATION:

Formation: Viola

Interval:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:03:00 Time Test Ended: 05:20:00

Unit No:

3802.00 ft (KB) To 3842.00 ft (KB) (TVD) Total Depth: 3842.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair Reference Elevations: 1981.00 ft (KB)

> 1970.00 ft (CF) KB to GR/CF: 11.00 ft

Test Type: Conventional Bottom Hole (Real-Time)

Serial #: 91716 Outside

Press@RunDepth: 113.27 psig @ 3837.00 ft (KB) Capacity: 5000.00 psig

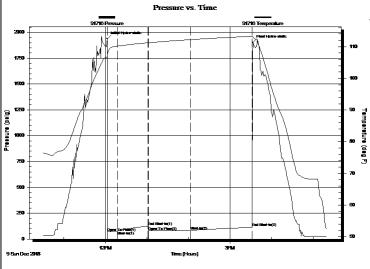
Start Date: 2018.12.09 End Date: Last Calib.: 2018.12.10 2018.12.09 Start Time: 06:24:30 End Time: 2018.12.09 @ 12:02:29 17:19:29 Time On Btm: Time Off Btm: 2018.12.09 @ 15:33:00

TEST COMMENT: 1st Opening 15 minutes weak blow built to 6 inches into the water

1st Shut-In 45 Minutes

2nd Opening 60 Minutes 5 1/2 inch steady blow through out

2nd Shut-In 90 Mdinutes



	PRESSURE SUMMARY					
1	Time	Pressure	Temp	Annotation		
	(Min.)	(psig)	(deg F)			
	0	1937.53	107.01	Initial Hydro-static		
	1	67.44	107.59	Open To Flow (1)		
	15	75.60	110.14	Shut-In(1)		
	60	124.95	111.23	End Shut-In(1)		
3	60	76.66	111.24	Open To Flow (2)		
	120	83.25	112.22	Shut-In(2)		
(1)	210	113.27	113.29	End Shut-In(2)		
9	211	1902.11	113.17	Final Hydro-static		

Recovery

Length (ft)	Description	Volume (bbl)
20.00	drilling mud	0.10
120.00	faint odor of gas	0.59
1		

Gas Rat	es	
Choke (inches)	Pressure (nsig)	Gas Bate (Mcf/d)

Eagle Testers Ref. No: 01055 Printed: 2018.12.10 @ 05:36:28



Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01055

DST#:4

ATTN: Jeremy Schwartz

Test Start: 2018.12.10 @ 22:30:00

GENERAL INFORMATION:

Formation: Viola

Deviated: Test Type: Conventional Bottom Hole (Real-Time) No Whipstock: ft (KB)

Time Tool Opened: 12:03:00 Time Test Ended: 05:20:00

Tester: Gene Budig

Unit No:

Interval: 3802.00 ft (KB) To 3842.00 ft (KB) (TVD) Reference Elevations:

1981.00 ft (KB)

Total Depth: 3842.00 ft (KB) (TVD)

1970.00 ft (CF)

KB to GR/CF:

11.00 ft

7.88 inches Hole Condition: Fair Hole Diameter:

Serial #: 9119 Inside

Press@RunDepth:

105.89 psig @ 3837.00 ft (KB) Capacity:

5000.00 psig

Start Date: 2018.12.09 Start Time:

End Date: 2018.12.09 17:20:00 Last Calib.: Time On Btm:

2018.12.10 2018.12.09 @ 12:02:30

End Time: 06:16:00

Time Off Btm:

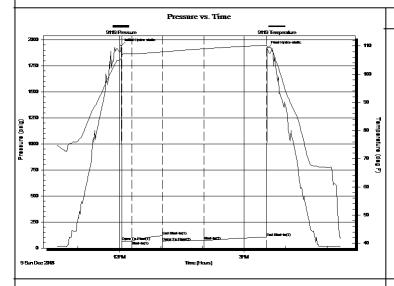
2018.12.09 @ 15:33:30

TEST COMMENT: 1st Opening 15 minutes weak blow built to 6 inches into the water

1st Shut-In 45 Minutes

2nd Opening 60 Minutes 5 1/2 inch steady blow through out

2nd Shut-In 90 Mdinutes



Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1944.10	105.63	Initial Hydro-static
1	64.41	106.54	Open To Flow (1)
16	65.51	107.22	Shut-In(1)
60	119.86	107.89	End Shut-In(1)
60	63.65	107.89	Open To Flow (2)
120	71.21	109.01	Shut-In(2)
210	105.89	110.26	End Shut-In(2)
211	1920.30	109.96	Final Hydro-static

PRESSURE SUMMARY

Recovery

Description	Volume (bbl)
drilling mud	0.10
120.00 faint odor of gas	
	drilling mud

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Eagle Testers Ref. No: 01055 Printed: 2018.12.10 @ 05:36:28



TOOL DIAGRAM

Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01055

DST#:4

ATTN: Jeremy Schwartz

Test Start: 2018.12.10 @ 22:30:00

Tool Information

Drill Collar:

Drill Pipe: Length: 3573.00 ft Diameter: Heavy Wt. Pipe: Length:

Length:

0.00 ft Diameter: 210.00 ft Diameter: 3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

Total Volume:

50.12 bbl 0.00 bbl 1.03 bbl 51.15 bbl

Tool Weight: 2000.00 lb Weight set on Packer: 20000.00 lb Weight to Pull Loose: 85000.00 lb Tool Chased 0.00 ft

String Weight: Initial 70000.00 lb

Final 70000.00 lb

Drill Pipe Above KB: 11.00 ft Depth to Top Packer: 3802.00 ft

Depth to Bottom Packer: ft Interval between Packers: 40.00 ft 70.00 ft Tool Length:

Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3777.00		
Hydraulic tool	5.00			3782.00		
Jars	5.00			3787.00		
Safety Joint	5.00			3792.00		
Packer	5.00			3797.00	30.00	Bottom Of Top Packer
Packer	5.00		Fluid	3802.00		
Anchor	35.00			3837.00		
Recorder	0.00	9119	Inside	3837.00		
Recorder	0.00	91716	Outside	3837.00		
Bullnose	5.00			3842.00	40.00	Bottom Packers & Anchor

Total Tool Length: 70.00

Eagle Testers Ref. No: 01055 Printed: 2018.12.10 @ 05:36:29



FLUID SUMMARY

Shelby Resources LLC 25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120 Borck Unit #1-25

Job Ticket: 01055 **DST#:4**

ATTN: Jeremy Schwartz Test Start: 2018.12.10 @ 22:30:00

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: ppm

Viscosity: 62.00 sec/qt Cushion Volume: bbl

Water Loss: 8.80 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 5000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	drilling mud	0.098
120.00	faint odor of gas	0.590

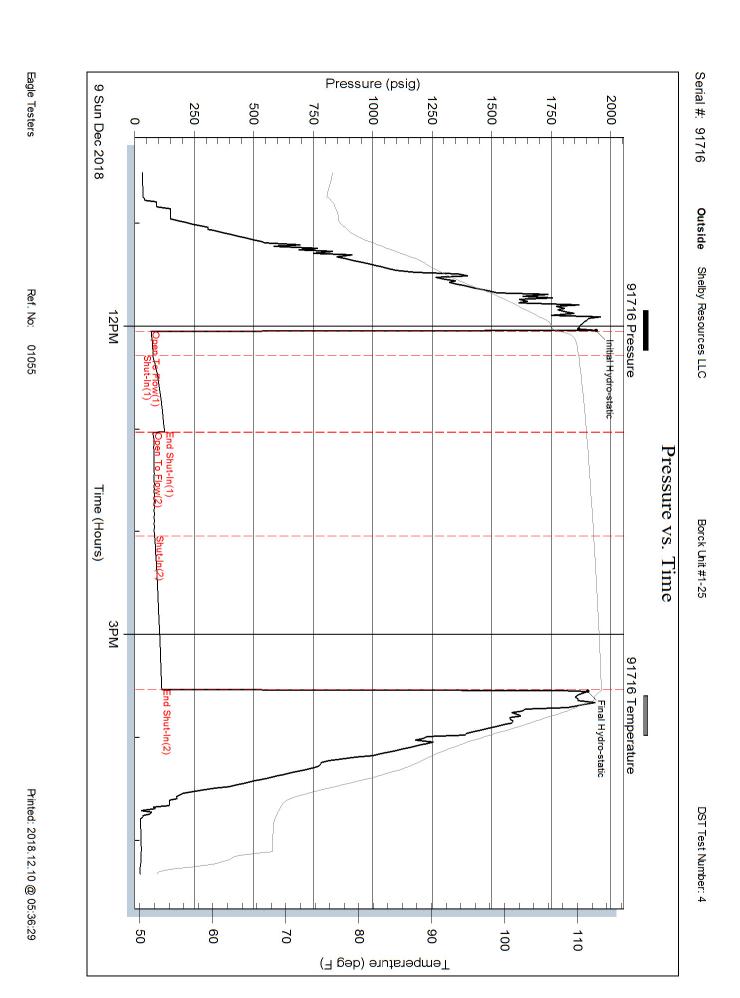
Total Length: 140.00 ft Total Volume: 0.688 bbl

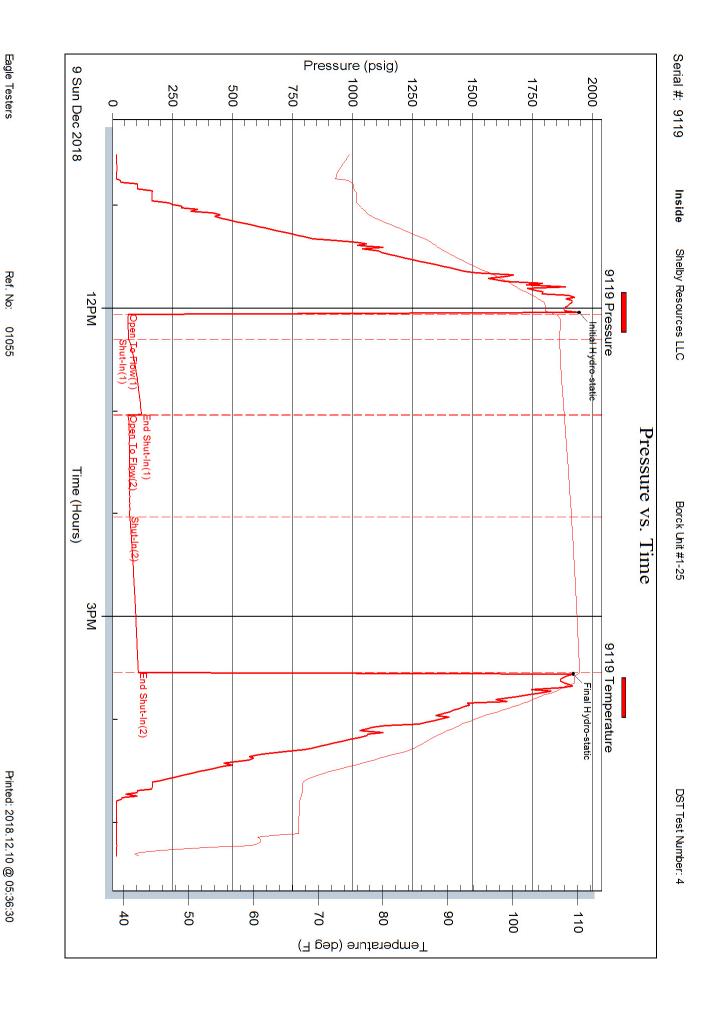
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Eagle Testers Ref. No: 01055 Printed: 2018.12.10 @ 05:36:29







Prepared For: Shelby Resources LLC

13949 W Colfax bldg 1 ste 120

ATTN: Jeremy Schwartz

Borck Unit #1-25

25-21s-16w Pawnee

Start Date: 2018.12.11 @ 14:51:00 End Date: 2018.12.11 @ 19:10:00 Job Ticket #: 01056 DST #: 5

Eagle Testers

1309 Patton Road Great Bend, Kansas 67530
620-791-7394



Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Reference Elevations:

Job Ticket: 01056

Unit No:

DST#:5

ATTN: Jeremy Schwartz

Test Start: 2018.12.11 @ 14:51:00

GENERAL INFORMATION:

Formation: simpson

Deviated: Whipstock: No ft (KB)

Time Tool Opened: 16:45:00 Time Test Ended: 19:10:00

Interval:

Start Date:

Start Time:

3205.00 ft (KB) To 3276.00 ft (KB) (TVD)

2018.12.10

14:54:06

Total Depth: 3276.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair Test Type: Conventional Bottom Hole (Initial) Tester: Gene Budig

1981.00 ft (KB)

1970.00 ft (CF)

KB to GR/CF: 11.00 ft

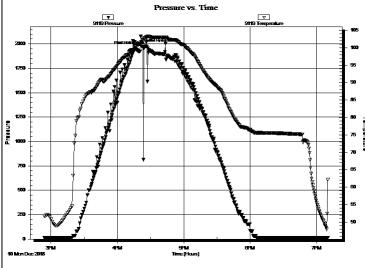
Serial #: 9119 Inside

Press@RunDepth: 3271.33 ft (KB) Capacity: psig @

5000.00 psig End Date: 2018.12.10 Last Calib.: 1899.12.30 End Time: Time On Btm: 2018.12.10 @ 16:23:05 19:10:06

Time Off Btm: 2018.12.10 @ 16:27:36

TEST COMMENT: miss run packer failure



	PRESSURE SUMMARY				
Ī	Time	Pressure	Temp	Annotation	
	(Min.)	(psig)	(deg F)		
	0	1975.04	102.28	Initial Hydro-static	
	5	1953.58	103.28	Final Hydro-static	
=	i				
Temperature					
=	i				

Recovery

Description	Volume (bbl)
drilling mud	2.58

Gas Rates			
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)	

Eagle Testers Ref. No: 01056 Printed: 2018.12.11 @ 02:36:00



Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01056

Tester:

DST#:5

ATTN: Jeremy Schwartz

Test Start: 2018.12.11 @ 14:51:00

Gene Budig

GENERAL INFORMATION:

Formation: simpson

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 16:45:00

Time Test Ended: 19:10:00 Unit No:

 Interval:
 3205.00 ft (KB) To
 3276.00 ft (KB) (TVD)
 Reference Elevations:
 1981.00 ft (KB)

Total Depth: 3276.00 ft (KB) (TVD) 1970.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 91716 Outside

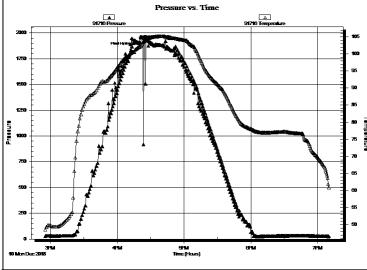
Press@RunDepth: psig @ 3271.33 ft (KB) Capacity: 5000.00 psig

 Start Date:
 2018.12.10
 End Date:
 2018.12.10
 Last Calib.:
 1899.12.30

 Start Time:
 14:55:30
 End Time:
 19:10:00
 Time On Btm:
 2018.12.10 @ 16:24:30

 Time Off Btm:
 2018.12.10 @ 16:24:30

TEST COMMENT: miss run packer failure



	PRESSURE SUMMARY					
Ī	Time	Pressure	Temp	Annotation		
	(Min.)	(psig)	(deg F)			
	0	1910.28	101.77	Initial Hydro-static		
	7	1952.65	103.88	Final Hydro-static		
₫						
Temperature						
2						

Recovery

Description	Volume (bbl)
drilling mud	2.58
	·

Gas Rat	es	
Choke (inches)	Pressure (nsig)	Gas Rate (Mcf/d)

Eagle Testers Ref. No: 01056 Printed: 2018.12.11 @ 02:36:00



TOOL DIAGRAM

Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01056

DST#:5

ATTN: Jeremy Schwartz

Test Start: 2018.12.11 @ 14:51:00

Tool Information

Drill Collar:

Drill Pipe: Length: 2972.00 ft Diameter: Heavy Wt. Pipe: Length:

0.00 ft Diameter: 210.00 ft Diameter: 3.80 inches Volume: 41.69 bbl 0.00 inches Volume: 2.25 inches Volume:

Total Volume:

0.00 bbl 1.03 bbl 42.72 bbl

Tool Weight: 2000.00 lb Weight set on Packer: 20000.00 lb Weight to Pull Loose: 70000.00 lb Tool Chased

0.00 ft String Weight: Initial 70000.00 lb

Final 70000.00 lb

Drill Pipe Above KB: 7.00 ft Depth to Top Packer: 3205.00 ft

Length:

Depth to Bottom Packer: ft Interval between Packers: 71.33 ft

101.33 ft Tool Length:

Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3180.00		
Hydraulic tool	5.00			3185.00		
Jars	5.00			3190.00		
Safety Joint	5.00			3195.00		
Packer	5.00			3200.00	30.00	Bottom Of Top Packer
Packer	5.00		Fluid	3205.00		
Anchor	5.00			3210.00		
Change Over Sub	0.75			3210.75		
Drill Pipe	31.83			3242.58		
Change Over Sub	0.75		Inside	3243.33		
Anchor	28.00			3271.33		
Recorder	0.00	9119	Inside	3271.33		
Recorder	0.00	91716	Outside	3271.33		
Bullnose	5.00			3276.33	71.33	Bottom Packers & Anchor

Total Tool Length: 101.33

Eagle Testers Ref. No: 01056 Printed: 2018.12.11 @ 02:36:01



FLUID SUMMARY

Shelby Resources LLC 25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120 Borck Unit #1-25

Job Ticket: 01056 DST#:5

ATTN: Jeremy Schwartz Test Start: 2018.12.11 @ 14:51:00

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: 0.00 lb/gal Cushion Length: ft Water Salinity: ppm

Viscosity: 59.00 sec/qt Cushion Volume: bbl

Water Loss: 9.19 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 5100.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
320.00	drilling mud	2.576

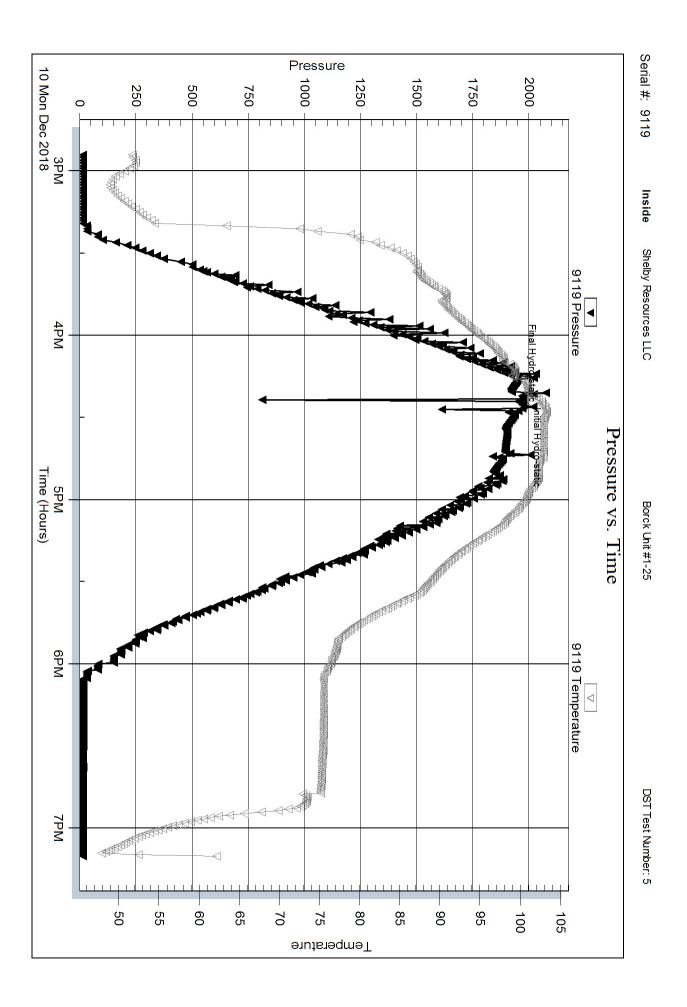
Total Length: 320.00 ft Total Volume: 2.576 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Eagle Testers Ref. No: 01056 Printed: 2018.12.11 @ 02:36:01



Eagle Testers

Ref. No: 01056

Printed: 2018.12.11 @ 02:36:01



Prepared For: Shelby Resources LLC

13949 W Colfax bldg 1 ste 120

ATTN: Jeremy Schwartz

Borck Unit #1-25

25-21s-16w Pawnee

Start Date: 2018.12.11 @ 18:00:00 End Date: 2018.12.11 @ 01:57:00 Job Ticket #: 01057 DST #: 6

Eagle Testers

1309 Patton Road Great Bend, Kansas 67530
620-791-7394



Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01057

DST#:6

ATTN: Jeremy Schwartz

Test Start: 2018.12.11 @ 18:00:00

GENERAL INFORMATION:

Formation: Simpson

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:42:00 Time Test Ended: 01:57:00

Interval:

Unit No:

Test Type: Conventional Bottom Hole (Initial)

Gene Budig

Tester:

1981.00 ft (KB)

3796.00 ft (KB) To 3876.00 ft (KB) (TVD)

Reference Elevations:

1970.00 ft (CF)

Total Depth: 3876.00 ft (KB) (TVD)

KB to GR/CF:

11.00 ft

7.88 inches Hole Condition: Fair Hole Diameter:

Serial #: 91716 Outside

Press@RunDepth: 135.24 psig @ 3871.29 ft (KB)

Capacity:

5000.00 psig

Start Date:

2018.12.10

End Date:

2018.12.11 Last Calib.: 05:02:00 Time On Btm: 2018.12.11

Start Time:

22:15:30

End Time:

Time Off Btm:

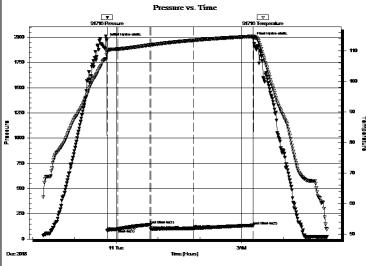
2018.12.10 @ 23:46:30 2018.12.11 @ 03:17:00

TEST COMMENT: 1st Opening 15 Minutes weak blow built to 4 inches into the water

1st Shut In 45 Minutes no blow back

2nd Openiing 60 Minutes weak blow built to 7 inches into the water

2nd Shut-In 90 Minutes no blow back



		PI	RESSUR	RE SUIVIIVIARY
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1971.09	109.26	Initial Hydro-static
	1	84.75	109.62	Open To Flow (1)
	16	98.12	110.57	Shut-ln(1)
	62	142.86	111.89	End Shut-In(1)
1	63	95.39	111.92	Open To Flow (2)
	125	105.76	113.42	Shut-In(2)
2	210	135.24	114.70	End Shut-In(2)
	211	1980.90	114.76	Final Hydro-static
				_

PRESSURE SUMMARY

Recovery

Description	Volume (bbl)
drilling Mud	0.10
	·

Gas Rat	es	
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Eagle Testers Ref. No: 01057 Printed: 2018.12.11 @ 02:36:44



Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Reference Elevations:

Job Ticket: 01057

Tester:

DST#:6

ATTN: Jeremy Schwartz

Test Start: 2018.12.11 @ 18:00:00

Gene Budig

GENERAL INFORMATION:

Formation: Simpson

Interval:

Deviated: Test Type: Conventional Bottom Hole (Initial) No Whipstock: ft (KB)

Time Tool Opened: 20:42:00 Time Test Ended: 01:57:00

Unit No:

3796.00 ft (KB) To 3876.00 ft (KB) (TVD) Total Depth: 3876.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair 1981.00 ft (KB) 1970.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 9119 Inside

Press@RunDepth: 129.82 psig @ 3871.29 ft (KB) Capacity: 5000.00 psig

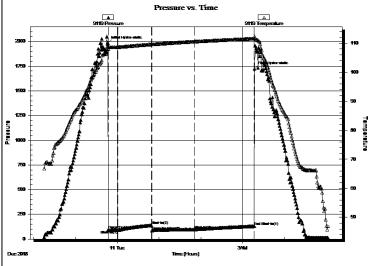
Start Date: 2018.12.10 End Date: 2018.12.11 Last Calib.: 2018.12.11 Start Time: 22:15:30 End Time: 2018.12.10 @ 23:46:30 05:02:30 Time On Btm: Time Off Btm: 2018.12.11 @ 03:17:00

TEST COMMENT: 1st Opening 15 Minutes weak blow built to 4 inches into the water

1st Shut In 45 Minutes no blow back

2nd Openiing 60 Minutes weak blow built to 7 inches into the water

2nd Shut-In 90 Minutes no blow back



-				
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1983.46	108.67	Initial Hydro-static
	1	96.44	107.93	Open To Flow (1)
	15	90.61	108.62	Shut-In(1)
	63	138.87	109.55	Shut-In(2)
	64	87.73	109.56	Open To Flow (2)
	124	97.55	110.52	Shut-In(3)
2	210	129.82	111.52	End Shut-In(1)
	211	1724.56	112.38	Final Hydro-static

PRESSURE SUMMARY

Recovery

Description	Volume (bbl)
drilling Mud	0.10
	·

Gas Rat	es	
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Eagle Testers Ref. No: 01057 Printed: 2018.12.11 @ 02:36:44



TOOL DIAGRAM

Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01057

DST#:6

ATTN: Jeremy Schwartz

Test Start: 2018.12.11 @ 18:00:00

Tool Information

Drill Collar:

Drill Pipe: Length: 3573.00 ft Diameter: Heavy Wt. Pipe: Length: 0.00 ft Diameter:

Length:

3.80 inches Volume: 50.12 bbl 0.00 inches Volume: 0.00 bbl 2.25 inches Volume: 1.03 bbl

Total Volume:

Tool Weight: 2000.00 lb Weight set on Packer: 30000.00 lb Weight to Pull Loose: 96000.00 lb

Drill Pipe Above KB: 17.00 ft
Depth to Top Packer: 3796.00 ft

51.15 bbl Tool Chased 0.00 ft

Depth to Top Packer: 3796.00 ft
Depth to Bottom Packer: ft

String Weight: Initial 70000.00 lb Final 70000.00 lb

Interval between Packers: 80.29 ft

1 III 7 0000.00 lb

Tool Length: 110.29 ft

Number of Packers: 2 Diameter: 6.75 inches

210.00 ft Diameter:

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3771.00		
Hydraulic tool	5.00			3776.00		
Jars	5.00			3781.00		
Safety Joint	5.00			3786.00		
Packer	5.00			3791.00	30.00	Bottom Of Top Packer
Packer	5.00		Fluid	3796.00		
Anchor	5.00			3801.00		
Change Over Sub	0.75			3801.75		
Drill Pipe	63.79			3865.54		
Change Over Sub	0.75		Inside	3866.29		
Anchor	5.00			3871.29		
Recorder	0.00	9119	Inside	3871.29		
Recorder	0.00	91716	Outside	3871.29		
Bullnose	5.00			3876.29	80.29	Bottom Packers & Anchor

Total Tool Length: 110.29

Eagle Testers Ref. No: 01057 Printed: 2018.12.11 @ 02:36:45



FLUID SUMMARY

Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01057

Serial #:

DST#:6

ATTN: Jeremy Schwartz

Test Start: 2018.12.11 @ 18:00:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil API:deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 59.00 sec/qt Cushion Volume: bbl

Water Loss: 9.19 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 5000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	drilling Mud	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

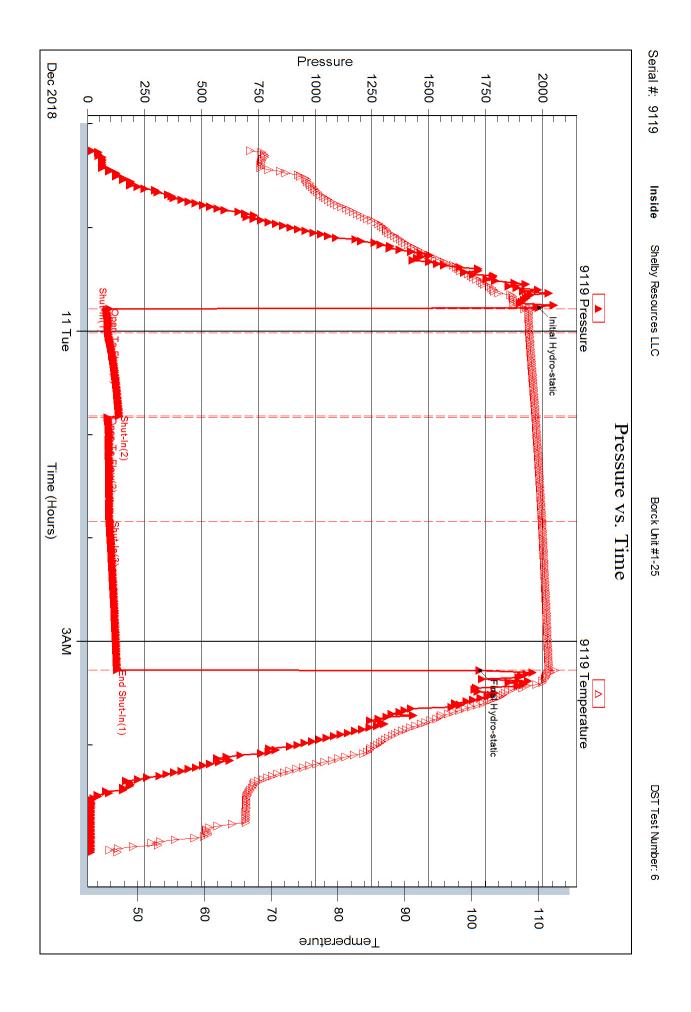
Eagle Testers Ref. No: 01057 Printed: 2018.12.11 @ 02:36:45

Eagle Testers

Ref. No:

01057

Printed: 2018.12.11 @ 02:36:46



Eagle Testers

Ref. No:

01057

Printed: 2018.12.11 @ 02:36:46



TREATMENT REPORT

Customer 57	relby &	esour	Ces	Lease No.						Date	10	1	1		
Pase (1)	rcic U	nil	***************************************	Well #		5				6	12	/12	12	018	to,
Field Order #	Station	Pres	- di 10		494	Casing]	Depth		County	(1)	hee	0	State	Ks
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Drill Pilz	DATA	PERF	ORATIN	NG DATA		FLUID U	SED	4	-	Т	REATN	IENT R	ESUME		***
Casing Size	Tubing Size	Shots/F	t		Acid	()			F	RATE	PRESS	3	ISIP		
Depth 3887	Depth	From	Т	·o	Pre I	Pad			Max				5 Min.		
Volume 55	Volume	From	I	·o	Pad				Min				10 Min.		
Max Press	Max Press	From	Т	·o	Frac				Avg				15 Min.		W
Well Connection	Annulus Vol.	From	Т	·o					HHP Used				Annulus	Pressur	е
Plug Depth	Packer Dept	From	Т	·o	Flus	hW9der	, mu	7	Gas Volum	ne			Total Loa	ıd	
Customer Repr	esentative 25	nny	55105	Station	Mana				deimen	Trea	ter D	9rin	Fr	Snk	Clin
Service Units	0	8982	19843	100	9.	21010	12	- 1							
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7/1 Time	Casing Pressure	Tubing Pressure	Bbls. F	umped	F	Rate				E.	Service	Log		57=	
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Scale 1:240 Imperial

Well Name: Borck Unit #1-25

Surface Location: 1024' FSL, 2521' FEL, Sec. 25-T21s-R16w

Bottom Location:

API: 15-145-21843-00-00

License Number:

Spud Date: 12/4/2018 Time: 7:30 PM

Region: Pawnee County

Drilling Completed: 12/11/2018 Time: 12:50 PM

Surface Coordinates:

Bottom Hole Coordinates:

Ground Elevation: 1970.00ft K.B. Elevation: 1981.00ft

Logged Interval: 3000.00ft To: 3980.00ft

Total Depth: 3980.00ft

Formation: Penn Conglomerate
Drilling Fluid Type: Chemical/Fresh Water Gel

OPERATOR

Company: Shelby Resources, LLC

Address: 13949 W Colfax Ave., Bldg 1, Ste 120

Lakewood, CO 80401

Contact Geologist: Janine Sturdavant

Contact Phone Nbr: 303-907-2209 / 720-274-4682

Well Name: Borck Unit #1-25

Location: 1024' FSL, 2521' FEL, Sec. 25-T21s-R16w

API: 15-145-21843-00-00

Pool: Field: Sweeney Southwest

State: Kansas Country: USA

LOGGED BY



Company: Shelby Resources, LLC

Address: 13949 W Colfax Ave., Bldg 1, Ste 120

Lakewood, CO 80401

Phone Nbr: 203-671-6034

Logged By: Geologist Name: Jeremy Schwartz

NOTES

The Shelby Resources, LLC Borck Unit #1-25 was drilled to a total depth of 3980', bottoming in the Arbuckle. A TookeDag gas detector was employed in the drilling of said well.

Six DST's were conducted during the drilling of this well. DST's #3 & 5 were misruns due to packer failures and were subsequently re-tested as DST's #4 & 6 respectively. The DST reports can be found at the bottom of this log.

Due to neagative DST results, lack of sample shows, gas kicks, and log analysis it was determined by all parties involved to plug and abandon the well. The dry samples were saved and will be available for furthur review at the Kansas Geological Society Well Sample Library, located in Wichita, KS.

Respectfully Submitted, Jeremy Schwartz Geologist

CONTRACTOR

Contractor: Sterling Drilling Co

Kig #:

Rig Type: Spud Date: mud rotary 12/4/2018

TD Date: 12/11/2018

Rig Release:

Time: 7:30 PM Time: 12:50 PM

1970.00ft

Time:

ELEVATIONS

K.B. Elevation: 1981.00ft Ground Elevation:

K.B. to Ground: 11.00ft

<u>DATE</u>	<u>DEPTH</u>	<u>ACTIVITY</u>
Friday, December 07, 2018	3280'	Geologist Jeremy Schwartz on location @ 0900hrs, ~3280', drlg ahead through Heebner,
	3720'	Lansing, BKC, CFS @ 3717', CTCH 1.5hrs, drop survey, strap out for Bit Trip
Saturday, December 08, 2018	37901	Successful Bit Trip, CTCH 1hr, resume drlg, CFS @ 3785', resume drlg, CFS @ 3790'
	3790'	Show in conglomerate warrants test, trip out fot DST #1 in the conglomerate,
		While tripping in hole with test tool, bridge encountered ~200' off bottom, pushed
		through and tool slid most of the way to bottom, DST #2 invalid test due to plugging,
		Trip back in hole and had to ream the bottom ~200' of the hole, CTCH 1.5hrs,
Sunday, December 09, 2018	3820'	Resume drlg, drill 30' then CFS 1.5hrs, trip out for DST #2 in the Conglomerate/Viola
	38421	Successful test, resume drlg, CFS @ 3842', trip out for DST #3 in the Viola,
		Initial attempt to test misrun due to packer failure, trip out, trip back in and reset
Monday, December 10, 2018	3876'	packer seat uphole 16', packer held, successful test, resume drlg, CFS @ 3876',
		Show in Simpson warrants DST, trip out for DST #5, misrun due to packer failure,
		trip out and swap test tool, trip back in and reset packer, packer held,
Tuesday, December 11, 2018	3897'	Successful test, resume drlg, CFS @ 3887', resume drlg, CFS @ 3897',
	3980'	Resume drlg ahead to TD, TD of 3980' reached @ 1250hrs, CTCH 1hr, trip out to
		Conduct logging opeartions, logging operations complete @ 1900hrs
		Geologist Jeremy Schwartz off location @ 2030hrs

	7			SHELBY RESOURCES, LLC LEE #1-25				OIL - P&A DUNNE-GARDNER DRLG CO HARMS #1				•										
												SHELBY RESOURCES, LLC WFY 1-36										
		Borck U	nit #1-25		NW-SE-SE-SW Sec. 25-T21S-R16W				NE-NE-NW 36-215-16W				NE-SE-NW-NW 36-215-16W									
	КВ	-	1981		КВ		1	983			КВ	1	00.400.10	978			КВ			984	100.00	_
	LOG	TOPS	SAMPL	E TOPS	COME	. CARD	L	OG	SM	PL.	COME	. CARD	L)G	SIV	IPL.	COMP	. CARD	L)G	SN	MP
FORMATION	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CC	RR.	CO	RR.	DEPTH	DATUM	CO	RR.	co	RR.	DEPTH	DATUM	CO	RR.	cc	OR
ANHYDRITE TOP	954	1027	954	1027	962	1021	+	6	+	6	954	1024	+	3	+	3	966	1018	+	9	+	Т
BASE	980	1001	981	1000	988	995	+	6	+	5	980	998	+	3	+	2	994	990	+	11	+	T
TOPEKA	3110	-1129	3109	-1128	3110	-1127		2	*	1	3112	-1134	+	5	+	6	3122	-1138	+	9	+	Ť
HEEBNER SHALE	3371	-1390	3369	-1388	3371	-1388	+	2	+	0	3377	-1399	+	9	+	11	3387	-1403	+	13	+	T
TORONTO	3388	-1407	3389	-1408	3388	-1405	4	2	2	3	3394	-1416	+	9	+	8	3405	-1421	+	14	+	T
DOUGLAS SHALE	3406	-1425	3405	-1424	3407	-1424	褻	1	+	0	3412	-1434	+	9	+	10	3423	-1439	+	14	+	T
BROWN LIME	3474	-1493	3473	-1492	3475	-1492	1	1	+	0	3482	-1504	+	11	+	12	3491	-1507	+	14	+	I
LKC	3488	-1507	3487	-1506	3486	-1503		4) i	3	3492	-1514	+	7	+	8	3498	-1514	+	7	+	T
LKC G POROSITY	3568	-1587	3568	-1587	3568	-1585	9	2	7/2	2	3582	-1604	+	17	+	17	3585	-1601	+	14	+	
MUNCIE CREEK	3601	-1620	3599	-1618	3599	-1616	Ţ.	4	S)	2	3609	-1631	+	11	+	13	3617	-1633	+	13	+	
IKC H	3608	-1627	3608	-1627	3607	-1624	į,	3	To.	3	3618	-1640	+	13	+	13	3626	-1642	+	15	+	1
STARK SHALE	3668	-1687	3668	-1687	3671	-1688	+	1	+	1	3681	-1703	+	16	+	16	3688	-1704	+	17	+	1
BKC	3699	-1718	3698	-1717	3702	-1719	+	1	+	2	3708	-1730	+	12	+	13	3721	-1737	+	19	+	1
CONG. SAND/CHERT					3774	-1791					3788	-1810					3794	-1810				4
VIOLA	3782	-1801			3784	-1801	+	0			3800	-1822	+	21			3809	-1825	+	24		1
SIMP. SHALE	3837	-1856	3840	-1859	3842	-1859	+	3	+	0	3853	-1875	+	19	+	16	3858	-1874	+	18	+	4
SIMP. SAND	3882	-1901	3882	-1901	3886	-1903	+	2	+	2	3912	-1934	+	33	+	33						4
ARBUCKLE	3887	-1906	3887	-1906	3890	-1907	+	1	+	1	3920	-1942	+	36	+	36	3926	-1942	+	36	+	4
RTD			3980	-1999	3991	-2008			+	9	3940	-1962			-2	37	4040	-2056			+	4
LTD	3980	-1999			3991	-2008	+	9				3966					4040	-2056	+	57		1



shale, grn

ACCESSORIES

MINERAL

 □ Chert, tripolitic Varicolored chert

Chtcongl

- **FOSSIL**
 - Bioclastic or FragmentalF Fossils < 20%
 - Oolite
 - Oolites
 - Oomoldic

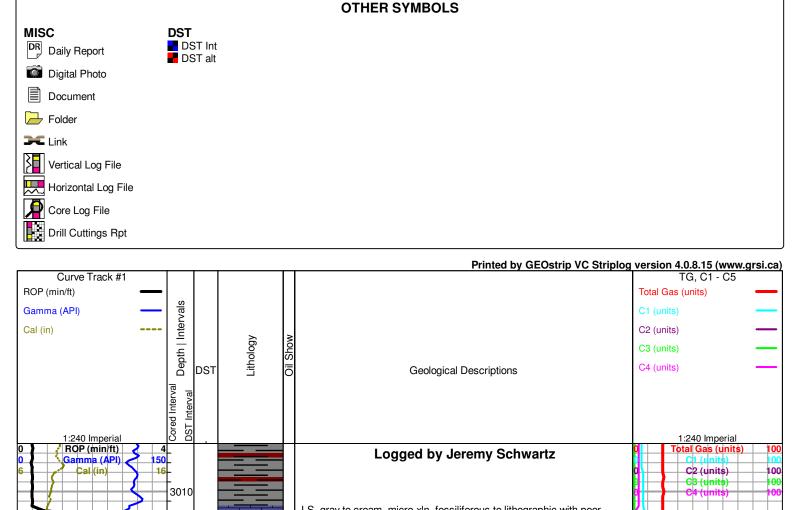
STRINGER

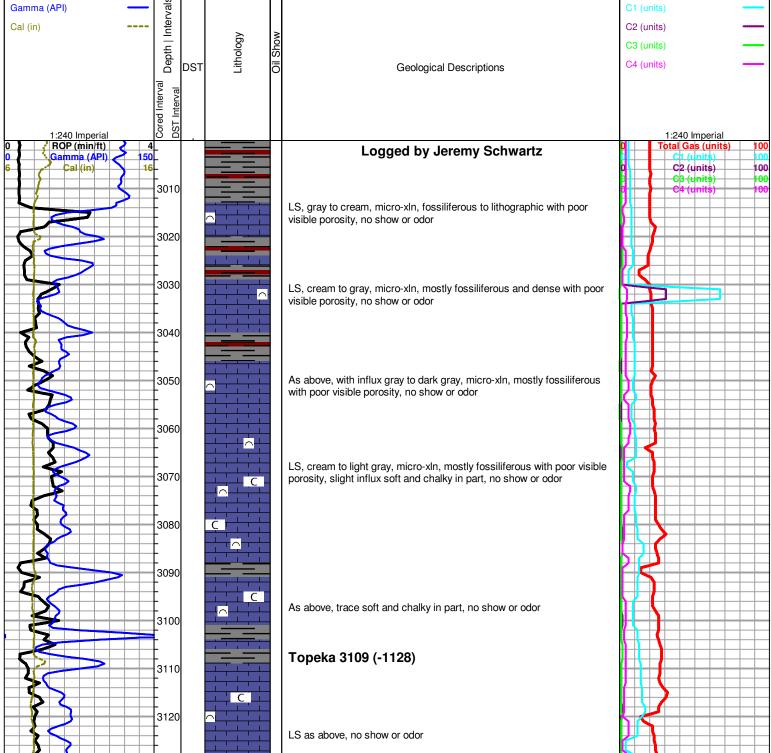
- ^^~ Chert
- Limestone
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- Shale
- green shale
- red shale

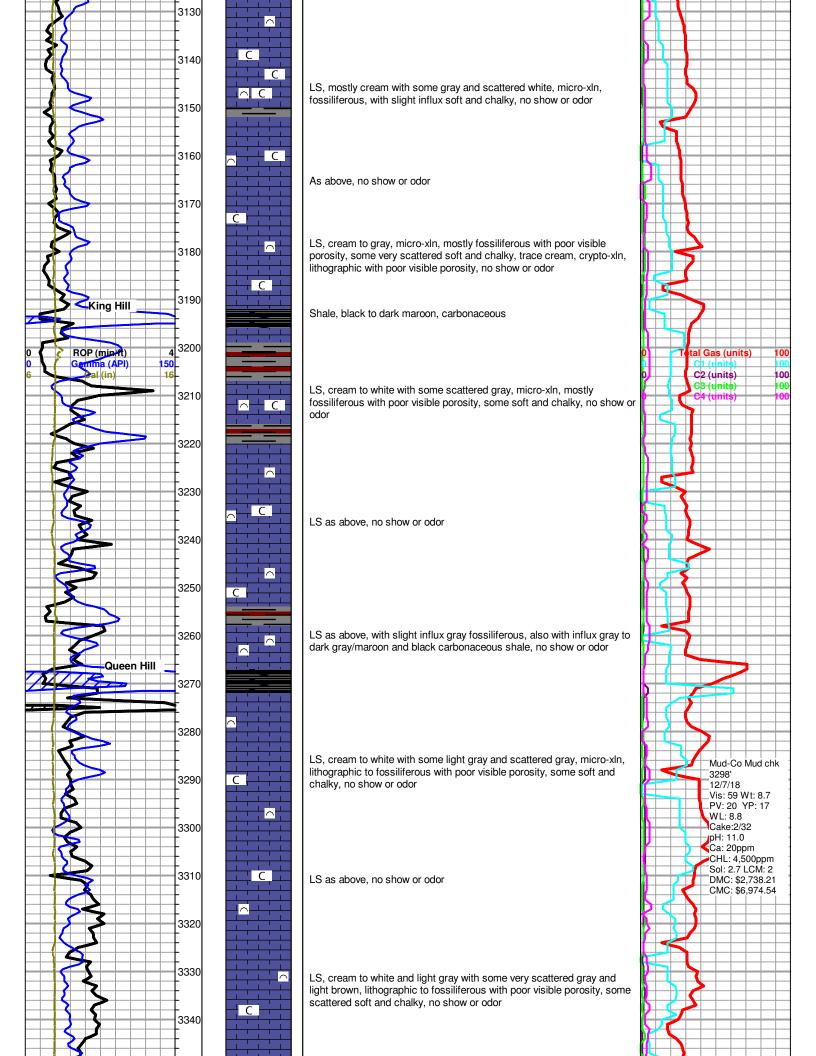
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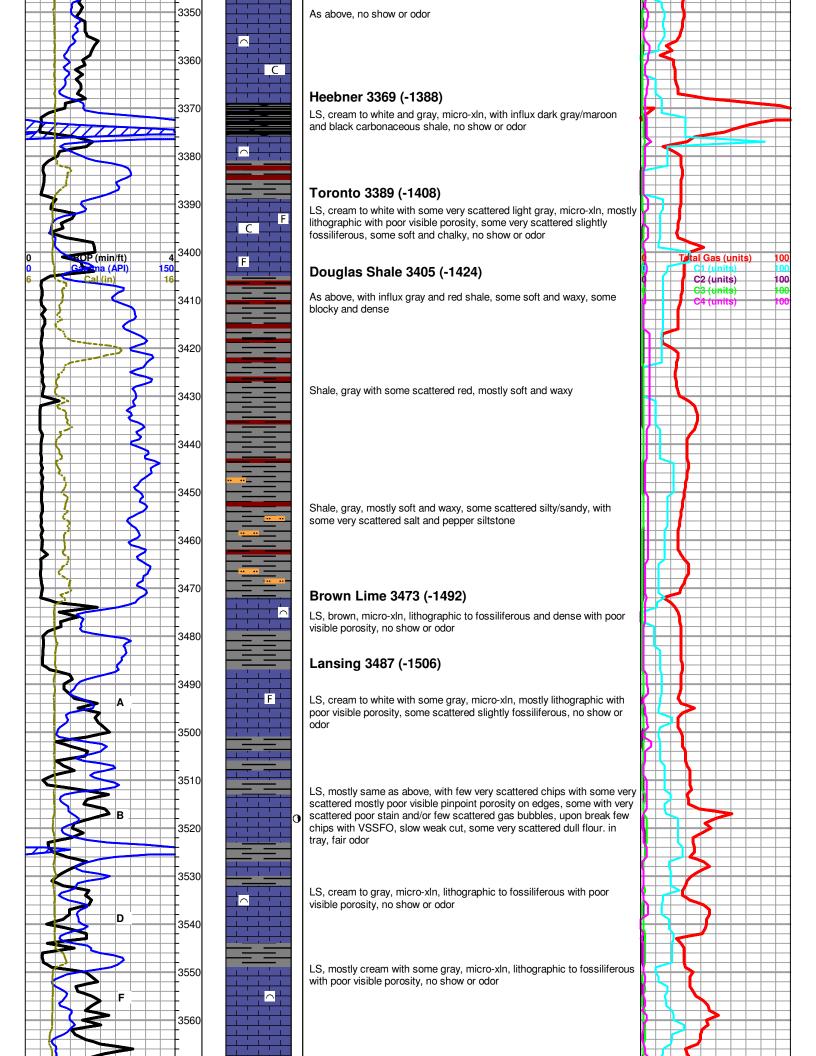
C Chalky

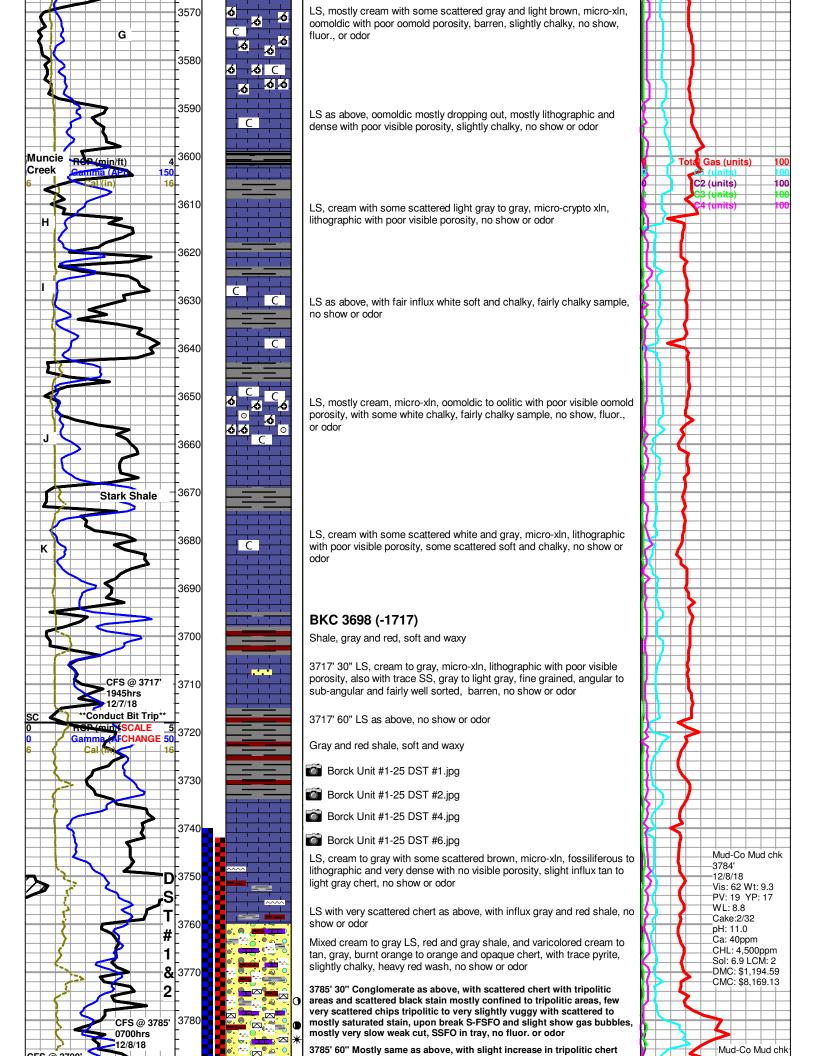
shale, red

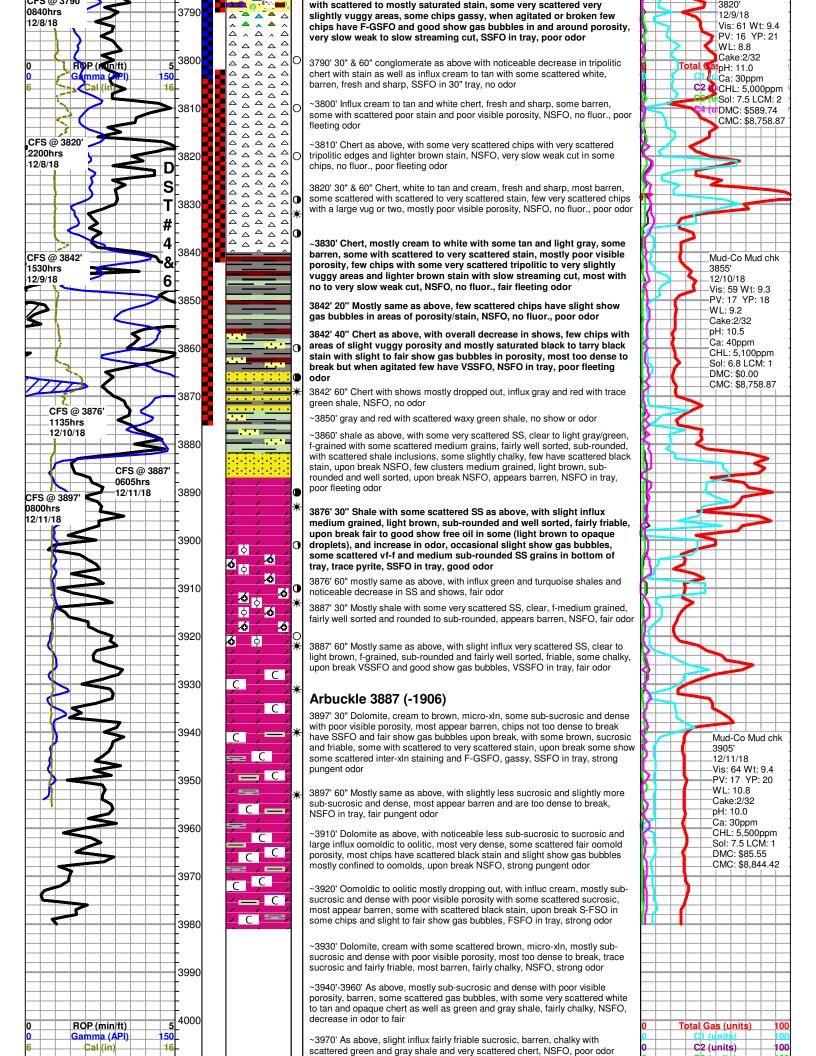


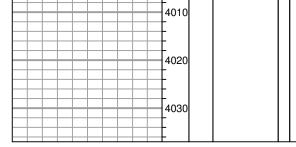












~3980' Dolomite, cream to brown with some scattered white, micro-xln, subsucrosic and dense with poor visible porosity to sucrosic and fairly friable, barren, with scattered shale and very scattered chert, chalky, NSFO, poor odor

Rotary TD 3980' @ 1250hrs 12/11/18 Eli Wireline Services Logging TD @ 3980' Complete Logging Operations @ 1900hrs 12/11/18 Geologist Jeremy Schwartz off location @ 2030hrs 10/2/18

Borck Unit #1-25 DST #1.jpg



DRILL STEM TEST REPORT

Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01052

DST#: 1

ATTN: Jeremy Schgwasrtz Test Start: 2018.12.08 @ 10:17:00

GENERAL INFORMATION:

Formation: Conglomerate

Deviated: Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial) No

Time Tool Opened: 12:42:00

Tester:

Time Test Ended: 03:48:00

Unit No:

1981.00 ft (KB)

Interval:

3742.00 ft (KB) To 3790.00 ft (KB) (TVD)

Reference Bevations: 1970.00 ft (CF)

Gene Budig

Total Depth: 3790.00 ft (KB) (TVD)

> KB to GR/CF: 11.00 ft

7.88 inches Hole Condition: Hole Diameter:

Serial #: 9119 Inside

Press@RunDepth: 447.97 psig @ 3785.00 ft (KB) 5000.00 psig Capacity:

End Date: 2018.12.08 Last Calib.: 2018.12.08 Start Date: 2018.12.08 Start Time: 11:20:00 End Time: Time On Btm: 2018.12.08 @ 12:40:30 15:46:00

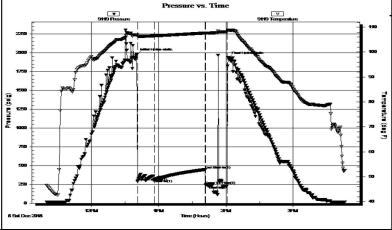
Time Off Btm: 2018.12.08 @ 14:02:00

TEST COMMENT: 1st opening 15 Minutes weak surface blow decreasing

1st Shut-In 45 minutes

2nd opening 23 Minutes no blow flushed tool surging blow died came out of the hole tool took all the string weight off

and on for the last 200 feet except for the last 20 it w as free set on bottom and never slid



		PI	RESSUF	RE SUMMARY
1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1977.09	106.92	Initial Hydro-static
	1	288.13	106.44	Open To Flow (1)
	16	316.30	106.53	Shut-In(1)
	61	447.97	107.64	End Shut-In(1)
Tamparafura (dan	62	243.74	107.60	Open To Flow (2)
i i	81	230.72	108.19	Shut-In(2)
66	82	1934.75	108.84	Final Hydro-static
9				

Gas Rates

Recovery					
Length (ft)	Description	Volume (bbl)			
90.00	Drilling mud	0.44			

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)	

Borck Unit #1-25 DST #2.jpg



DRILL STEM TEST REPORT

Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25
Job Ticket: 01053

ATTN: Jeremy Schgwasrtz Test Start: 2018.12.09 @ 01:30:00

GENERAL INFORMATION:

Formation: Conglomerate & Viola

3820.00 ft (KB) (TVD)

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 03:19:00 Tester: Gene Budig

Time Test Ended: 09:26:00 Unit No:

Interval: 3749.00 ft (KB) To 3820.00 ft (KB) (TVD) Reference Elevations:

1970.00 ft (CF)

DST#:2

1981.00 ft (KB)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 9119 Inside

Total Depth:

Press@RunDepth: 169.29 psig @ 3815.06 ft (KB) Capacity: 5000.00 psig

 Start Date:
 2018.12.09
 End Date:
 2018.12.09
 Last Calib.:
 2018.12.09

 Start Time:
 01:33:00
 End Time:
 09:25:00
 Time On Btm:
 2018.12.09 @ 03:16:59

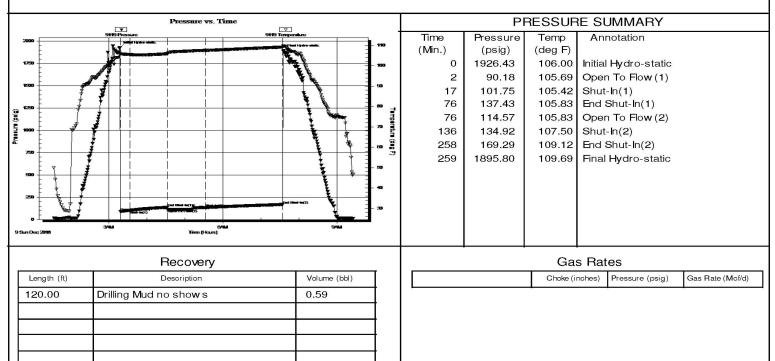
Time Off Btm: 2018.12.09 @ 07:35:30

TEST COMMENT: 1st Opening 15 Minutes weak blow build to 5 inches into the water

1st Shut-In 60 Minutes no blow back

2nd nopening 60 Minutes weak blow died in 37 mninutes flushed tool weak surface blow

2nd Shut 120 minutes no blow back



Borck Unit #1-25 DST #4.jpg



DRILL STEM TEST REPORT

Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01055

Test Start: 2018.12.10 @ 22:30:00

DST#:4

GENERAL INFORMATION:

Formation: Viola

Total Depth:

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Real-Time)

Time Tool Opened: 12:03:00 Tester: Gene Budig

Time Test Ended: 05:20:00 Unit No: `1

ATTN: Jeremy Schwartz

Reference Elevations: Interval: 3802.00 ft (KB) To 3842.00 ft (KB) (TVD) 1981.00 ft (KB)

1970.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 91716 Outside

3837.00 ft (KB) Press@RunDepth: 113.27 psig @ Capacity: 5000.00 psig

Start Date: 2018.12.09 End Date: 2018.12.09 Last Calib.: 2018.12.10 End Time: Time On Btm: Start Time: 06:24:30 17:19:29 2018.12.09 @ 12:02:29

Time Off Btm: 2018.12.09 @ 15:33:00

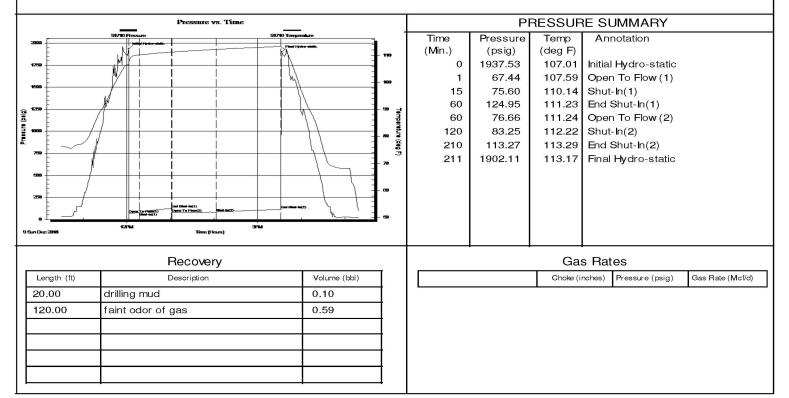
TEST COMMENT: 1st Opening 15 minutes weak blow built to 6 inches into the water

1st Shut-In 45 Minutes

3842.00 ft (KB) (TVD)

2nd Opening 60 Minutes 5 1/2 inch steady blow through out

2nd Shut-In 90 Mdinutes



Borck Unit #1-25 DST #6.jpg



DRILL STEM TEST REPORT

Shelby Resources LLC

25-21s-16w Pawnee

13949 W Colfax bldg 1 ste 120

Borck Unit #1-25

Job Ticket: 01057

Unit No:

DST#:6

ATTN: Jeremy Schwartz

Test Start: 2018.12.11 @ 18:00:00

GENERAL INFORMATION:

Formation: Simpson

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 20:42:00 Tester: Gene Budig

Time Test Ended: 01:57:00

Interval: 3796.00 ft (KB) To 3876.00 ft (KB) (TVD)

Total Depth: 3876.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1981.00 ft (KB)

1970.00 ft (CF) KB to GR/CF: 11.00 ft

Serial #: 91716 Outside

 Press@RunDepth:
 135.24 psig
 @
 3871.29 ft (KB)
 Capacity:
 5000.00 psig

 Start Date:
 2018.12.10
 End Date:
 2018.12.11
 Last Calib.:
 2018.12.11

 Start Time:
 22:15:30
 End Time:
 05:02:00
 Time On Btm:
 2018.12.10 @ 23:46:30

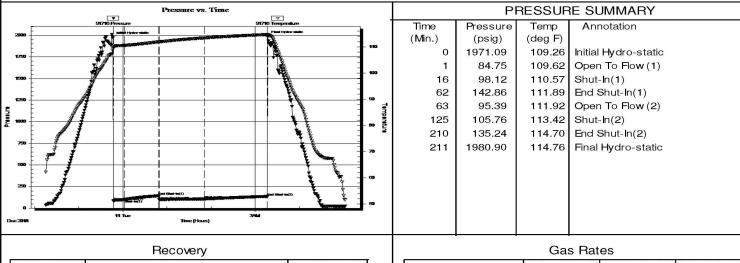
 Time Off Btm:
 2018.12.11 @ 03:17:00

TEST COMMENT: 1st Opening 15 Minutes weak blow built to 4 inches into the water

1st Shut In 45 Minutes no blow back

2nd Openiing 60 Minutes weak blow built to 7 inches into the water

2nd Shut-In 90 Minutes no blow back



Length (ft)	Description	Volume (bbl)
20.00	drilling M ud	0.10
	*	

Cas Hates						
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)				

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

ne 785-483-2025

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

ell 785-324-1041			J 1.0. B	ox 32 Russell, KS 67665 No. 1153
Sec	. Twp.	Range	THE PROPERTY.	County State On Leastion Finish
Date 12-5-18 23	166	16	Par	On Location Finish
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Lease Dock W	7.4.	Well No.	-25	THE TO DE TO DE TO DE
Contractor Sterles	HU	att to lagar ni	Indiana S	To Quality Oilwell Cementing, Inc.
Type Job Sufface	BAR AVER A	SVIAN IN	DINK COM	You are hereby requested to rent cementing equipment and furnish
Hole Size 121/4"	T.D.	9781	THE REAL PROPERTY.	Charge () () () () () () () () () (
Csg. 85/8"	Depth	9751	circulation and	To NOIDY BESONICES
Tbg. Size	Depth			City
Tool	Depth	ton to based	STATE TO SE	City State The above was done to estimate and supervision of super agent or contractor
Cement Left in Csg. 22:38	Shoe Jo	pint 22	381	The above was done to satisfaction and supervision of owner agent or contractor. Cement Amount Ordered 450 60 40 40 60 70 70 60 70 70 60 70 70 60 70 70 60 70 70 70 70 70 70 70 70 70 70 70 70 70
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Bulktrk D. No. Driver Driver			ST PERSON	Calcium 2 ()
JOB SERVICES	S & REMAR	RKS	serge to to the	Hulls
Remarks:		ad in the	ROBERT TRANSPORT	Salt
Rat Hole Coment of	0.1	To contact	P 10 12683	Flowseal 7 7
Mouse Hole			Pegs, 1809	Kol-Seal
Centralizers CH/	Cir Si	A AND	4-000 de	Mud CLR 48
Baskets	A Ca	- CO		CEL-117 or CD110 CAE 38
D/V or Port Collar	Million			Sand
		1111	J lu ethi	Handling 179
	6/11			
				Mileage
				FLOAT EQUIPMENT
			- CONTRACTOR (CONTRACTOR CONTRACTOR CONTRACT	Guide Shoe
				Centralizer Kubbar pluar
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