

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or _____ Date Reached TD _____ Completion Date or
Recompletion Date _____ Recompletion Date _____

API No.: _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

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

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

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

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	RJM Company
Well Name	William Potter 1
Doc ID	1309268

All Electric Logs Run

DIL
CNL/CDL
MEL
BMCS

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 1347

Cell 785-324-1041

Date	5-13-16	Sec.	15	Twp.	17	Range	20	County	Rush	State	Ks	On Location		Finish	12:45 AM
Lease								Location		McCracken, Ks - 2E on I Rd, 5/4 into					
William Potter								Well No.		1					
Contractor								Owner		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Southwind								3							
Type Job								Charge To		RJM Company					
Plug															
Hole Size								T.D.		4085'					
7 7/8"															
Csg.								Depth		Street					
Tbg. Size								Depth		City					
4 1/2" D.P.								4000'		State					
Tool								Depth		The above was done to satisfaction and supervision of owner agent or contractor.					
Cement Left in Csg.								Shoe Joint		Cement Amount Ordered 250 60/40 4% Gel 44#					
Meas Line								Displace		Flo-seal					
								H2O/mud							
EQUIPMENT															
Pumptrk 5 No. Cementer								Common 150							
Craig								Poz. Mix 100							
Bulktrk 15 No. Driver								Gel. 9							
Billy															
Bulktrk p.u. No. Driver								Calcium							
Rick															
JOB SERVICES & REMARKS															
Remarks: 4000' - 50 sx								Hulls							
Rat Hole 1420' - 50 sx								Salt							
Mouse Hole 750' - 50 sx								Flowseal 60#							
Centralizers 310' - 50 sx								Kol-Seal							
Baskets 60' - 20sx								Mud CLR 48							
D/V or Port Collar Rathole w/ 30 sx								CFL-117 or CD110 CAF 38							
Cement did Circulate								Sand							
								Handling 259							
								Mileage							
FLOAT EQUIPMENT															
								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								Pumptrk Charge plug							
								Mileage 35							
								Tax							
								Discount							
								Total Charge							
Signature								Jay Hines							

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 1963

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-6-16	15	17	20	Rush	KS		3:00 p.m.
Location <u>MULBERRY & IRON ST Sinto</u>							

Lease	Well No.	Owner	
William Potter	1	To Quality Oilwell Cementing, Inc.	
Contractor		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Southwick #3			
Type Job		Charge To	
Surface		R.J.M.	
Hole Size	T.D.		
17 1/4	279		
Csg.	Depth		
8 5/8	278		
Tbg. Size	Depth	Street	
Tool	Depth	City	
		State	
Cement Left in Csg.	Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.	
15'		Cement Amount Ordered 160 @ 1/40 3 1/2 2 1/2 1/2	
Meas Line	Displace		
	17 B C		

EQUIPMENT			Common
Pumptrk	No.	Cement Helper	96
5		Aug	
Bulktrk	No.	Driver	Poz. Mix 64
			3
Bulktrk	No.	Driver	Gel. 7
9		Brett	Calcium

JOB SERVICES & REMARKS		Hulls
Remarks:		Salt
Rat Hole		Flowseal
Mouse Hole		Kol-Seal
Centralizers		Mud CLR 48
Baskets		CFL-117 or CD110 CAF 38
D/V or Port Collar		Sand
8 5/8 Ben Bottom Bst. Circulation		Handling 170
Mix 160 SK + 1/2 Naoc		Mileage

FLOAT EQUIPMENT	
Cement Circulated	Guide Shoe
	Centralizer 8 5/8 Swage
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	Pumptrk Charge Surface
	Mileage 35

X Signature <u>Jay Brown</u>	Tax
	Discount
	Total Charge



DRILL STEM TEST REPORT

Prepared For: **RJM COMPANY**

P.O. BOX 256
CLAFLIN, KANSAS 67525-0256

ATTN: JIM MUSGROVE

WILLIAM POTTER 1

RJUSH 15-17S-20W

Start Date: 2016.05.12 @ 00:00:00

End Date:

Job Ticket #: DST #: 1

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

Printed: 2016.05.12 @ 02:15:52

RJM COMPANY

RJUSH 15-17S-20W

WILLIAM POTTER 1

DST # 1

2016.05.12



DRILL STEM TEST REPORT

RJM COMPANY
 P.O. BOX 256
 CLAFLIN, KANSAS 67525-0256
 ATTN: JIM MUSGROVE

RJUSH 15-17S-20W
WILLIAM POTTER 1
 Job Ticket: **DST#: 1**
 Test Start: 2016.05.12 @ 00:00:00

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended:

Test Type: (Initial)

Tester:

Unit No:

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

Total Depth: ft (KB) (TVD)

Hole Diameter: 8.88 inches Hole Condition:

Reference Elevations: 2127.00 ft (KB)

2119.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 9119

Inside

Press@RunDepth: psia @ 4011.28 ft (KB)

Start Date: 2016.05.11

End Date: 2016.05.12

Start Time: 15:41:00

End Time: 01:24:30

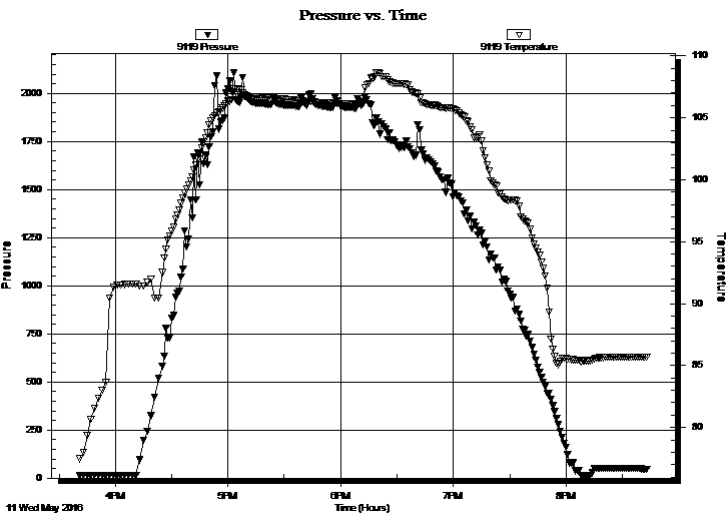
Capacity: 5000.00 psia

Last Calib.: 2016.05.12

Time On Btm:

Time Off Btm:

TEST COMMENT:



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
3650.00	DRILLING MUD	51.20

Gas Rates

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



DRILL STEM TEST REPORT

RJM COMPANY
 P.O. BOX 256
 CLAFLIN, KANSAS 67525-0256
 ATTN: JIM MUSGROVE

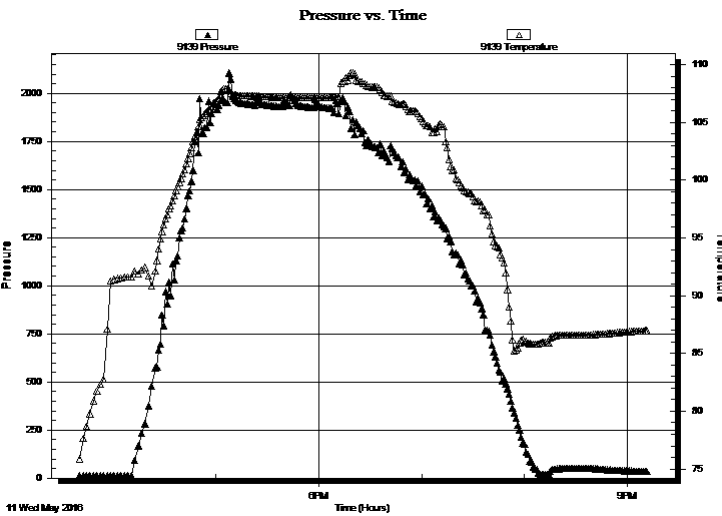
RJUSH 15-17S-20W
WILLIAM POTTER 1
 Job Ticket: **DST#: 1**
 Test Start: 2016.05.12 @ 00:00:00

GENERAL INFORMATION:

Formation:
 Deviated: No Whipstock: ft (KB) Test Type: (Initial)
 Time Tool Opened: Tester:
 Time Test Ended: Unit No:
Interval: ft (KB) To ft (KB) (TVD) Reference Elevations: 2127.00 ft (KB)
 Total Depth: ft (KB) (TVD) 2119.00 ft (CF)
 Hole Diameter: 8.88 inches Hole Condition: KB to GR/CF: 8.00 ft

Serial #: 9139 Outside
 Press@RunDepth: psia @ 4011.28 ft (KB) Capacity: 5000.00 psia
 Start Date: 2016.05.11 End Date: 2016.05.11 Last Calib.: 2016.05.12
 Start Time: 15:41:00 End Time: 21:11:00 Time On Btm:
 Time Off Btm:

TEST COMMENT:



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
3650.00	DRILLING MUD	51.20

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

RJM COMPANY

RJUSH 15-17S-20W

P.O. BOX 256
CLAFLIN, KANSAS 67525-0256

WILLIAM POTTER 1

ATTN: JIM MUSGROVE

Job Ticket: **DST#: 1**

Test Start: 2016.05.12 @ 00:00:00

Tool Information

Drill Pipe:	Length: 3925.00 ft	Diameter: 3.80 inches	Volume: 55.06 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.76 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 58000.00 lb
			Total Volume: 55.06 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	ft			String Weight: Initial 5800.00 lb
Depth to Top Packer:	3954.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	0.00 ft			
Tool Length:	91.28 ft			
Number of Packers:	1	Diameter:	inches	

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3930.00	
Hydraulic tool	5.00			3935.00	
Jars	7.00			3942.00	
Safety Joint	2.00		Fluid	3944.00	
Top Packer	5.00			3949.00	
Packer	5.00			3954.00	29.00 Bottom Of Top Packer
Anchor	5.00			3959.00	
Change Over Sub	0.75			3959.75	
Drill Pipe	31.78			3991.53	
Change Over Sub	0.75			3992.28	
Anchor	19.00			4011.28	
Recorder	0.00	9119	Inside	4011.28	
Recorder	0.00	9139	Outside	4011.28	
Bullnose	5.00			4016.28	62.28 Anchor Tool

Total Tool Length: 91.28



DRILL STEM TEST REPORT

FLUID SUMMARY

RJM COMPANY

RJUSH 15-17S-20W

P.O. BOX 256
CLAFLIN, KANSAS 67525-0256

WILLIAM POTTER 1

Job Ticket: **DST#: 1**

ATTN: JIM MUSGROVE

Test Start: 2016.05.12 @ 00:00:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3650.00	DRILLING MUD	51.200

Total Length: 3650.00 ft Total Volume: 51.200 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

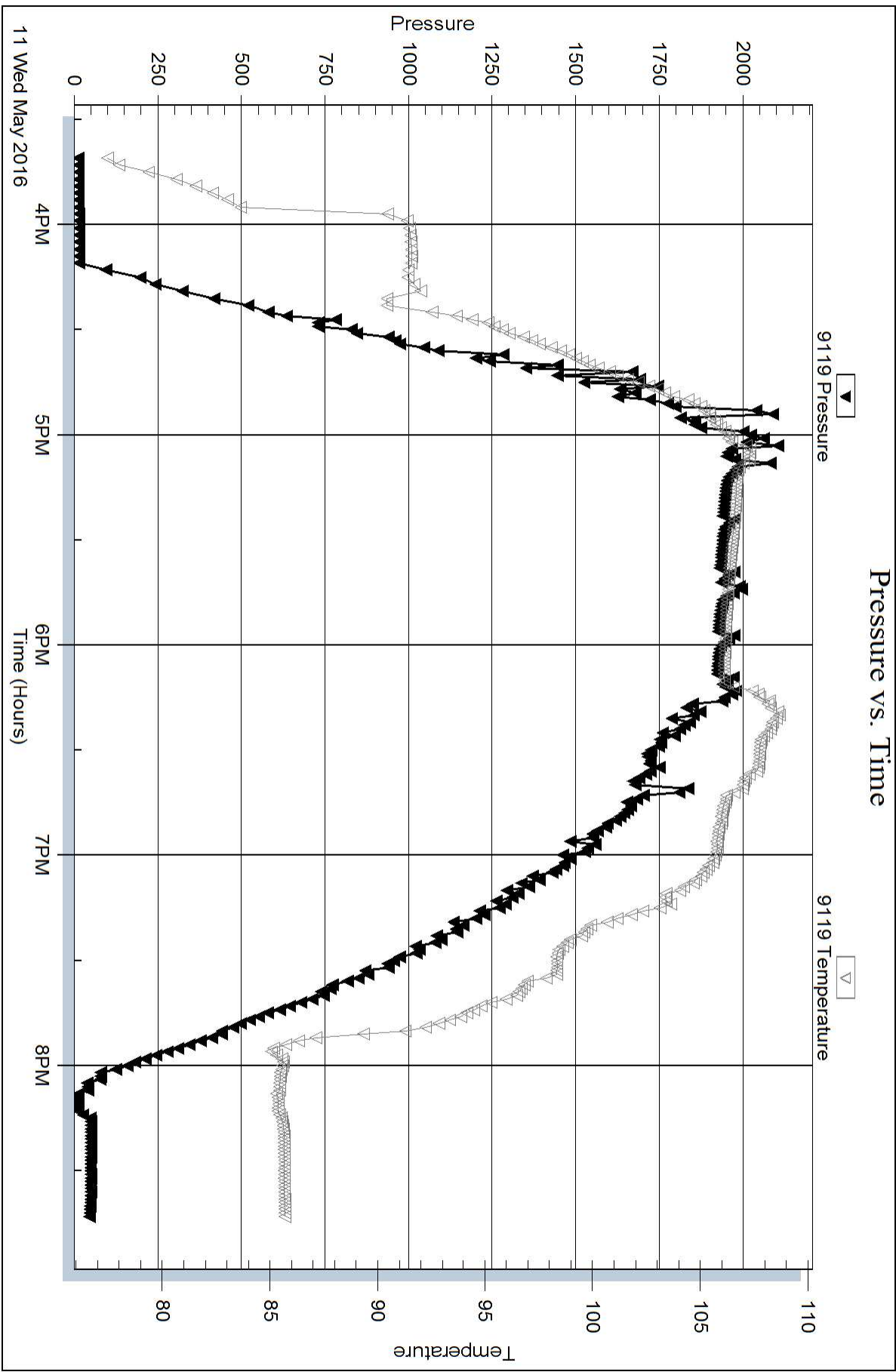
Serial #: 9119

Inside

RJM COMPANY

WILLIAM POTTER 1

DST Test Number: 1



Eagle Testers

Ref. No:

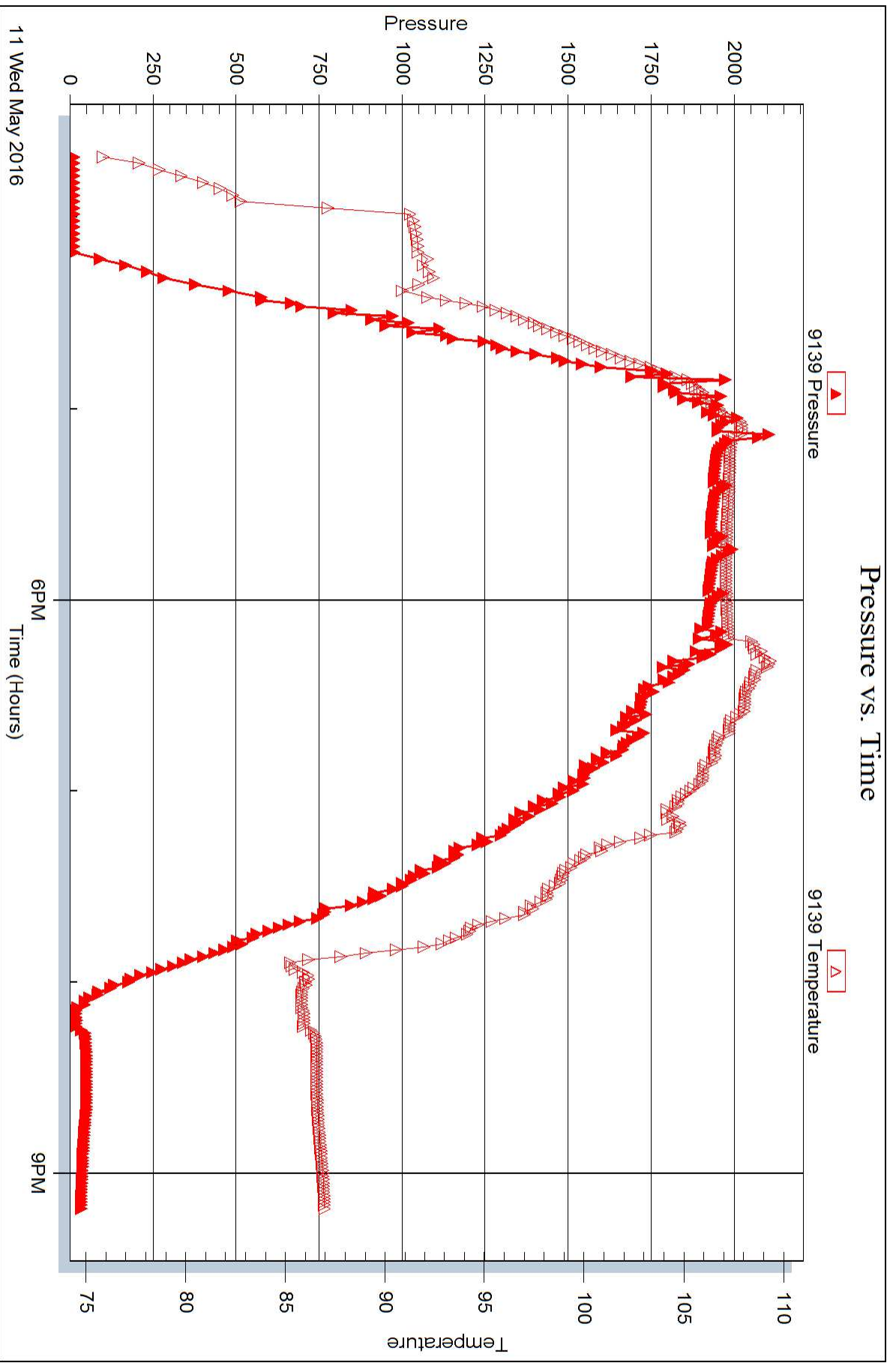
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Serial #: 9139

Outside RUMCOMPANY

WILLIAM POTTER 1

DST Test Number: 1



Eagle Testers

Ref. No:

Printed: 2016.05.12 @ 02:15:55



DRILL STEM TEST REPORT

Prepared For: **RJM COMPANY**

P.O. BOX 256
CLAFLIN ,KANSAS 67525-0256

ATTN: .JIM MUSGROVE

WILLIAM POTTER 1

RJUSH 15-17S-20W

Start Date: 2016.05.11 @ 15:40:00

End Date: 2016.05.11 @ 00:00:00

Job Ticket #: 01224 DST #: 2

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

Printed: 2016.05.12 @ 02:14:25



DRILL STEM TEST REPORT

RJM COMPANY
 P.O. BOX 256
 CLAFLIN, KANSAS 67525-0256
 ATTN: JIM MUSGROVE

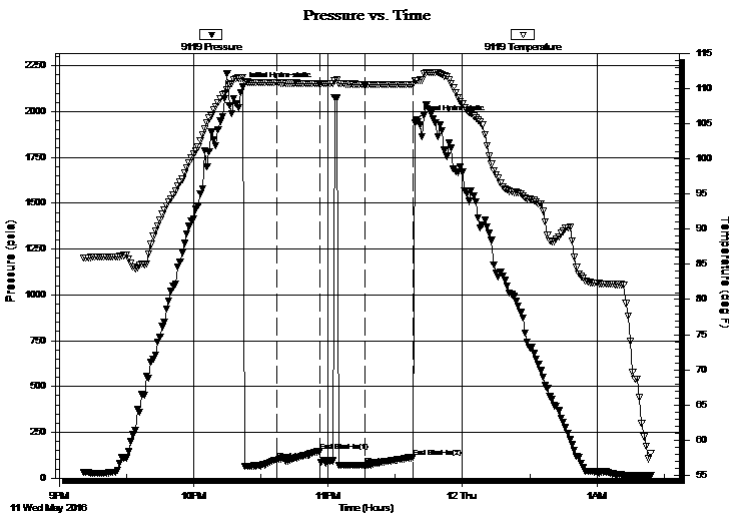
RJUSH 15-17S-20W
WILLIAM POTTER 1
 Job Ticket: 01224 **DST#: 2**
 Test Start: 2016.05.11 @ 15:40:00

GENERAL INFORMATION:

Formation: **CHEROKEE SAND-CONGLO**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:22:00
 Time Test Ended: 00:00:00
 Interval: **3929.00 ft (KB) To 3991.00 ft (KB) (TVD)**
 Total Depth: 3991.00 ft (KB) (TVD)
 Hole Diameter: 8.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: GENE BUDIG
 Unit No: 1
 Reference Elevations: 2127.00 ft (KB)
 2119.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 9119 Inside
 Press@RunDepth: 113.91 psia @ 3986.28 ft (KB) Capacity: 5000.00 psia
 Start Date: 2016.05.11 End Date: 2016.05.12 Last Calib.: 2016.05.12
 Start Time: 21:11:00 End Time: 01:24:30 Time On Btm: 2016.05.11 @ 22:22:00
 Time Off Btm: 2016.05.11 @ 23:39:30

TEST COMMENT: 1ST OPENING 15 MINUTES WEAK BLOW TO VERY WEAK SURFACE BLOW
 1ST SHUT-IN 20 MINUTES
 2ND OPENING 20 MINUTES NO BLOW FLUSHED TOOL WEAK BLOW FOR 2 MINUTES
 2ND SHUT-IN 20 MINUTES



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2133.04	111.62	Initial Hydro-static
15	95.68	110.84	Shut-In(1)
35	147.87	110.74	End Shut-In(1)
55	69.48	110.63	Shut-In(2)
76	113.91	110.64	End Shut-In(2)
78	1954.96	111.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	DRILLING MUD	0.14

Gas Rates

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



DRILL STEM TEST REPORT

RJM COMPANY
P.O. BOX 256
CLAFLIN, KANSAS 67525-0256
ATTN: JIM MUSGROVE

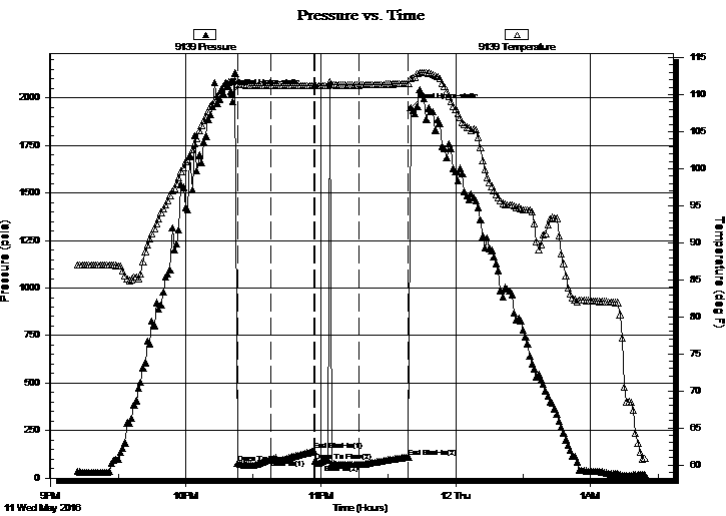
RJUSH 15-17S-20W
WILLIAM POTTER 1
Job Ticket: 01224 **DST#: 2**
Test Start: 2016.05.11 @ 15:40:00

GENERAL INFORMATION:

Formation: **CHEROKEE SAND-CONGLO**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 23:22:00 Tester: GENE BUDIG
Time Test Ended: 00:00:00 Unit No: 1
Interval: **3929.00 ft (KB) To 3991.00 ft (KB) (TVD)** Reference Elevations: 2127.00 ft (KB)
Total Depth: 3991.00 ft (KB) (TVD) 2119.00 ft (CF)
Hole Diameter: 8.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 9139 Outside
Press@RunDepth: 111.73 psia @ 3986.28 ft (KB) Capacity: 5000.00 psia
Start Date: 2016.05.11 End Date: 2016.05.12 Last Calib.: 2016.05.12
Start Time: 21:12:00 End Time: 01:24:30 Time On Btm: 2016.05.11 @ 22:20:30
Time Off Btm: 2016.05.11 @ 23:40:00

TEST COMMENT: 1ST OPENING 15 MINUTES WEAK BLOW TO VERY WEAK SURFACE BLOW
1ST SHUT-IN 20 MINUTES
2ND OPENING 20 MINUTES NO BLOW FLUSHED TOOL WEAK BLOW FOR 2 MINUTES
2ND SHUT-IN 20 MINUTES



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2025.15	111.75	Initial Hydro-static
3	76.54	111.41	Open To Flow (1)
18	97.27	111.19	Shut-In(1)
37	144.77	111.20	End Shut-In(1)
37	88.59	111.19	Open To Flow (2)
57	71.08	111.31	Shut-In(2)
79	111.73	111.49	End Shut-In(2)
80	1949.78	112.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	DRILLING MUD	0.14

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

RJM COMPANY

RJUSH 15-17S-20W

P.O. BOX 256
CLAFLIN, KANSAS 67525-0256

WILLIAM POTTER 1

Job Ticket: 01224

DST#: 2

ATTN: JIM MUSGROVE

Test Start: 2016.05.11 @ 15:40:00

Tool Information

Drill Pipe:	Length: 3925.00 ft	Diameter: 3.80 inches	Volume: 55.06 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.86 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 20000.00 lb
			Total Volume: 55.06 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3929.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.28 ft			
Tool Length:	91.28 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3905.00	
Hydraulic tool	5.00			3910.00	
Jars	7.00			3917.00	
Safety Joint	2.00		Fluid	3919.00	
Top Packer	5.00			3924.00	
Packer	5.00			3929.00	29.00 Bottom Of Top Packer
Anchor	5.00			3934.00	
Change Over Sub	0.75			3934.75	
Drill Pipe	31.78			3966.53	
Change Over Sub	0.75			3967.28	
Anchor	19.00			3986.28	
Recorder	0.00	9119	Inside	3986.28	
Recorder	0.00	9139	Outside	3986.28	
Bullnose	5.00			3991.28	62.28 Anchor Tool

Total Tool Length: 91.28



DRILL STEM TEST REPORT

FLUID SUMMARY

RJM COMPANY
 P.O. BOX 256
 CLAFLIN, KANSAS 67525-0256
 ATTN: JIM MUSGROVE

RJUSH 15-17S-20W
WILLIAM POTTER 1
 Job Ticket: 01224 **DST#: 2**
 Test Start: 2016.05.11 @ 15:40:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	DRILLING MUD	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

