

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

WELL COMPLETION FORM ORIGINAL

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

OPERATOR: License # 30076
Name: A & A PRODUCTION
Address 1: PO BOX 100
Address 2: _____
City: HILL CITY State: KS Zip: 67642 + _____
Contact Person: ANDY ANDERSON
Phone: (785) 567-8068
CONTRACTOR: License # 33704
Name: A & A DISCOVERY LLC
Wellsite Geologist: DWANE ANDERSON
Purchaser: NCRA

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD SLOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

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

Well Name: FOSTER-1
Original Comp. Date: 9-24-05 Original Total Depth: 4174
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>02-20-11</u>	<u>03-01-11</u>	<u>04-14-11</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 179-21139-00-01
Spot Description: _____
SE SW NW SE Sec. 21 Twp. 9 S. R. 26 East West
1,480 Feet from North / South Line of Section
2,240 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: SHERIDAN
Lease Name: FOSTER Well #: 2
Field Name: UNKNOWN
Producing Formation: KANSAS CITY
Elevation: Ground: 2678 Kelly Bushing: _____
Total Depth: 4170 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 255 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2374 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 #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: *Andy Anderson*
Title: Operator Date: 7-8-11

KCC Office Use ONLY

Letter of Confidentiality Rec'd Date: 7/8/11 RECEIVED
 Confidential Release Date: _____ JUL 11 2011
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: [Signature] Date: 7/9/11

KCC WICHITA

Operator Name: A & A PRODUCTION Lease Name: FOSTER Well #: 2
 Sec. 21 Twp. 9 S. R. 26 East West County: SHERIDAN

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" 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 checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum ATTACHED
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CASING RECORD <input checked="" 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
SURFACE	12 1/4"	ALREADY SET					
PRODUCTION	7 7/8"	4 1/2"	10.5	4168	COM	150	10% SALT; 2% GEL
							WFR-2 500 GAL

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				

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JUL 11 2011
KCC WICHITA

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4111 - 4115; 4101 - 4105	300 GAL OF 15% MCA & 1 GAL INHIBITOR	4115
		1500 GAL 28% NE ACID; 6 GAL INHIBITOR;	4105
		7.5 GAL SILT SUSPENDER; 3 GAL CLA-FIX	

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>4105</u> Packer At: <u>0</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>04-14-11</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbbs. <u>5</u>	Gas Mcf <u>0</u>	Water Bbbs. <u>0</u>
			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"/> Dualty Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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INVOICE

24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906

Invoice Number: 126425

Invoice Date: Mar 1, 2011

Voice: (785) 483-3887
 Fax: (785) 483-5566

Page: 1

Bill To:
A & A Production P O Box 100 Hill City,, KS 67642-0100

Foster-2

Customer ID	Well Name# or Customer P.O.	Payment Terms	
A&APro	Fasten #2	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Russell	Mar 1, 2011	3/31/11

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	13.50	2,025.00
3.00	MAT	Gel	20.25	60.75
6.00	MAT	Salt	21.25	127.50
500.00	MAT	WFR-2	1.10	550.00
150.00	SER	Handling	2.25	337.50
50.00	SER	Mileage 150 sx @ .10 per sk per mi	15.00	750.00
1.00	SER	Long String	1,957.00	1,957.00
50.00	SER	Pump Truck Mileage	7.00	350.00
1.00	EQP	4.5 Rubber Plug	27.00	27.00
5.00	EQP	4.5 Centralizer	32.00	160.00
1.00	EQP	4.5 Basket	147.00	147.00
1.00	EQP	4.5 Port Collar	1,673.00	1,673.00
1.00	EQP	4.5 Insert	101.00	101.00
1.00	EQP	4.5 Guide Shoe	73.00	73.00

RECEIVED
 JUL 11 2011
 KCC WICHITA

Subtotal	8,338.75
Sales Tax	410.37
Total Invoice Amount	8,749.12
Payment/Credit Applied	
TOTAL	8,749.12

ALL PRICES ARE NET, PAYABLE
 30 DAYS FOLLOWING DATE OF
 INVOICE. 1 1/2% CHARGED
 THEREAFTER. IF ACCOUNT IS
 CURRENT, TAKE DISCOUNT OF

\$ 1667.75

ONLY IF PAID ON OR BEFORE
 Mar 26, 2011

1667.75
7081.37

ALLIED CEMENTING CO., LLC. 036889

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell

DATE <u>3-1-11</u>	SEC. <u>21</u>	TWP <u>9</u>	RANGE <u>26</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>2:30 PM</u>
LEASE <u>Foster</u>	WELL # <u>2</u>	LOCATION <u>Studley 1W 6S 1W</u>		COUNTY <u>Shedden</u>	STATE <u>Ks</u>		
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR ASH
 TYPE OF JOB long string
 HOLE SIZE 7 7/8 I.D.
 CASING SIZE 4 1/2 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 33.07
 PERFS.
 DISPLACEMENT 65 3/4 bbls

OWNER
 CEMENT
 AMOUNT ORDERED
150 bbls Cem 10% Salt 2% Gel
500 GALL Flush

EQUIPMENT
 PUMP TRUCK CEMENTER Bill
 # HELPER Hotch
 BULK TRUCK
 # DRIVER Todd - TWS
 BULK TRUCK
 # DRIVER

COMMON	<u>150</u>	@	<u>13.50</u>	<u>2025.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE		@		
ASC		@		
<u>Salt</u>	<u>6</u>	@	<u>21.25</u>	<u>127.50</u>
<u>WFR-2</u>	<u>500</u>	@	<u>1.10</u>	<u>550.00</u>
HANDLING	<u>150</u>	@	<u>2.25</u>	<u>337.50</u>
MILEAGE	<u>110/16/mile</u>			<u>750.00</u>
TOTAL				<u>3850.75</u>

REMARKS:

Pipe out c 4168.35
Shoe pt 33.07
In. Cem 4135.28
Pump 500 gal Flush Cem of 150 bbl
Cem. pump plug of 65 3/4 bbls
Land plug c 1000' float did hold
2500 R.H.

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1957.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>50</u>	@	<u>7.00</u> <u>350.00</u>
MANIFOLD	@		
RECEIVED			
JUL 11 2011			
TOTAL <u>2307.00</u>			

CHARGE TO: ASH Production
 STREET _____
 CITY _____ STATE _____ ZIP _____

KCC WICHITA

PLUG & FLOAT EQUIPMENT

<u>Rubber Plug</u>			<u>727.00</u>
<u>S-Centralsizers</u>	@	<u>02.00</u>	<u>160.00</u>
<u>1-Basket</u>	@		<u>147.00</u>
<u>Port collar</u>	@		<u>1673.00</u>
<u>In. cement</u>	@		<u>101.00</u>
<u>...</u>	@		<u>72.00</u>

To Allied Cementing Co., LLC. Jr. 48
 You are hereby requested to rent cementing equipment 2369



DRILL STEM TEST REPORT

Prepared For: **A & A Production**

P.O. Box 100 Hill City
Kansas 67642+0100

ATTN: Darrell

21/9S/26W Sheridan

Foster # 2

Start Date: 2011.02.27 @ 03:35:00

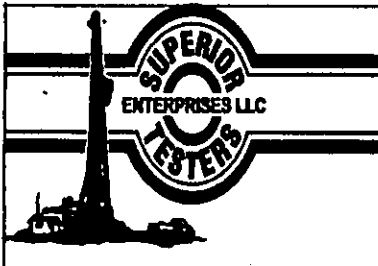
End Date: 2011.02.27 @ 00:00:00

Job Ticket #: 15660 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2011.03.01 @ 11:51:27

A & A Production Foster # 2 21/9S/26W Sheridan DST # 1 Kansas City " A " Zo 2011.02.27



DRILL STEM TEST REPORT

A & A Production
 P.O. Box 100 Hill City
 Kansas 67642+0100
 ATTN: Darrell

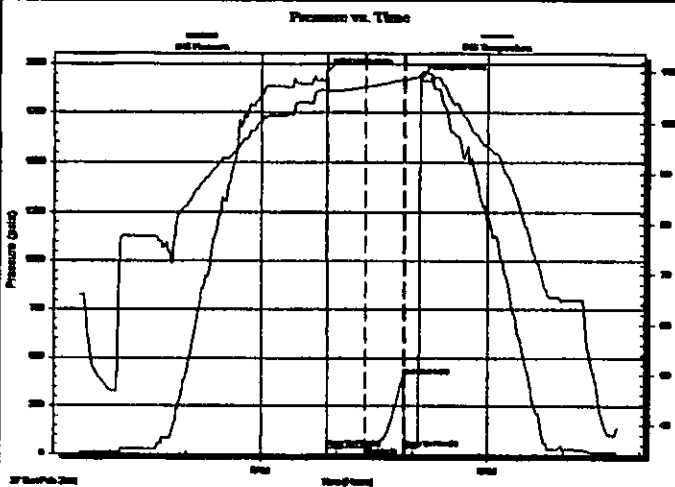
Foster # 2
 21/9S/26W Sheridan
 Job Ticket: 15660 DST#: 1
 Test Start: 2011.02.27 @ 03:35:00

GENERAL INFORMATION:

Formation: **Kansas City "A" Zo**
 Deviated: **No Whipstock:** ft (KB)
 Test Type: **Conventional Bottom Hole (Initial)**
 Time Tool Opened: **00:00:00**
 Tester: **Dylan E Ellis**
 Time Test Ended: **00:00:00**
 Unit No: **3345/Great Bend/256**
 Interval: **3914.00 ft (KB) To 3938.00 ft (KB) (TVD)**
 Reference Elevations: **2682.00 ft (KB)**
 Total Depth: **3938.00 ft (KB) (TVD)**
2677.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GRVCF: **5.00 ft**

Serial #: **845** Inside
 Press@RunDepth: **406.49 psia @ 3934.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2011.02.27** End Date: **2011.02.27** Last Calib.: **2011.02.27**
 Start Time: **03:36:01** End Time: **10:42:52** Time On Btm: **2011.02.27 @ 06:51:52**
 Time Off Btm: **2011.02.27 @ 08:06:52**

TEST COMMENT: 1ST Opening 30 Minutes Very weak surface blow / blow died in 18 minutes
 1ST Shut-in 30 Minutes no blow back
 2ND Openg 12 Minutes total / blow was dead / w aited 5 minutes flushed tool / still dead / come out
 2ND Shut-in 00 Minutes didnt have one came out of the hole



PRESSURE SUMMARY

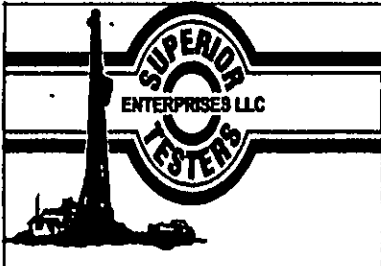
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1956.88	106.52	Initial Hydro-static
1	33.67	106.26	Open To Flow (1)
31	35.23	107.06	Shut-in(1)
61	406.49	108.81	End Shut-in(1)
62	35.06	108.56	Open To Flow (2)
75	1928.25	109.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.07

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcfd)



DRILL STEM TEST REPORT

A & A Production

Foster # 2

P.O. Box 100 Hill City
Kansas 67642-0100

21/9S/26W Sheridan

ATTN: Darrell

Job Ticket: 15660

DST#: 1

Test Start: 2011.02.27 @ 03:35:00

GENERAL INFORMATION:

Formation: Kansas City "A" Zo

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Interval: 3914.00 ft (KB) To 3938.00 ft (KB) (TVD)

Total Depth: 3938.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3345/Great Bend/256

Reference Elevations: 2682.00 ft (KB)

2677.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8400

Outside

Press@RunDepth: 391.68 psia @ 3935.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.02.27

End Date:

2011.02.27

Last Calib.: 2011.02.27

Start Time: 03:35:10

End Time:

10:43:00

Time On Btm: 2011.02.27 @ 06:52:00

Time Off Btm: 2011.02.27 @ 08:07:00

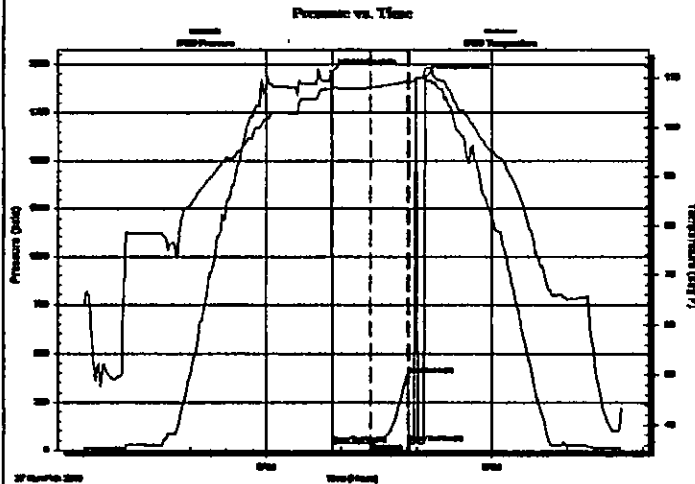
TEST COMMENT: 1ST Opening 30 Minutes Very weak surface blow / blow died in 18 minutes

1ST Shut-in 30 Minutes no blow back

2ND Openg 12 Minutes total blow was dead / waited 5 minutes flushed tool / still dead / come out

2ND Shut-in 00 Minutes didnt have one come out of the hole

PRESSURE SUMMARY



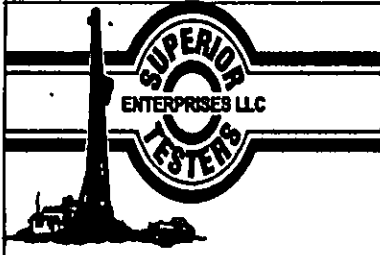
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1957.80	107.96	Initial Hydro-static
1	35.67	108.05	Open To Flow (1)
31	36.75	108.05	Shut-in(1)
61	391.68	109.28	End Shut-in(1)
62	36.87	109.24	Open To Flow (2)
75	1933.59	111.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.07

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

A & A Production

Foster # 2

P.O. Box 100 Hill City
Kansas 67642+0100

21/9S/26W Sheridan

Job Ticket: 15660

DST#: 1

ATTN: Darrell

Test Start: 2011.02.27 @ 03:35:00

Tool Information

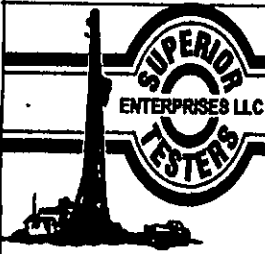
Drill Pipe:	Length: 3914.00 ft	Diameter: 3.80 inches	Volume: 54.90 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 11000.00 lb
			Total Volume: 54.90 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 24000.00 lb
Depth to Top Packer:	3914.00 ft			Final 24000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3899.00	
Hydraulic Tool	5.00			3904.00	
Packer	5.00			3909.00	20.00 Bottom Of Top Packer
Packer	5.00			3914.00	
Perforations	19.00			3933.00	
Recorder	1.00	845	Inside	3934.00	
Recorder	1.00	8400	Outside	3935.00	
Bull Plug	3.00			3938.00	24.00 Bottom Packers & Anchor

Total Tool Length: 44.00



DRILL STEM TEST REPORT

FLUID SUMMARY

A & A Production

Foster # 2

P.O. Box 100 Hill City
Kansas 67642-0100

21/9S/26W Sheridan

Job Ticket: 15660

DST#: 1

ATTN: Darrell

Test Start: 2011.02.27 @ 03:35:00

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.99 in³

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 bbbl
5.00	Mud 100%	0.070

Total Length: 5.00 ft

Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

