



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1272851
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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 SIOW
- 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: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1272851

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Mar-Lou Oil Co., LLC
Well Name	Jenisch 6
Doc ID	1272851

Tops

Name	Top	Datum
Anh	792	1119
Top	2708	-797
HB	2992	-1081
Tor	3007	-1096
BL	3083	-1172
Lans	3102	-1191
BKC	3342	-1431
Arb	3361	-1450

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. 1858

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-14-15	34	16	12	Barton	KS		10:00 AM

Location: Beaver 2E 2S 1/4 W. N. 176

Lease <u>Jenisch</u>	Well No. <u>#16</u>	Owner To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor <u>Royal</u>		
Type Job <u>Surface</u>		
Hole Size <u>12 1/4</u>	T.D. <u>392</u>	Charge To <u>Mar. L. Oil</u>
Csg. <u>8 5/8</u>	Depth <u>392</u>	Street
Tbg. Size	Depth	City State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg. <u>20'</u>	Shoe Joint	Cement Amount Ordered <u>180 30/20 3 1/2 cc 2 1/4 (20)</u>

Meas Line	Displace <u>23 1/2 bbl</u>	
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EQUIPMENT		
Pumptrk <u>18</u>	No. <u>Cement</u>	Common <u>145</u>
Bulktrk <u>3</u>	No. <u>Helper Craig</u>	Poz. Mix <u>35</u>
Bulktrk <u>PU</u>	No. <u>Driver Nick</u>	Gel. <u>3</u>
	No. <u>Driver Brett</u>	Calcium <u>8</u>

JOB SERVICES & REMARKS		
Remarks:		Hulls
Rat Hole		Salt
Mouse Hole		Flowseal
Centralizers		Kol-Seal
Baskets		Mud CLR 48
D/V or Port Collar		CFL-117 or CD110 CAF 38

		Sand
		Handling <u>91</u>
		Mileage

FLOAT EQUIPMENT		
		Guide Shoe
		Centralizer
		Baskets
		AFI Inserts
		Float Shoe
		Latch Down

		Pumptrk Charge <u>Surface</u>
		Mileage <u>27</u>

		Tax
		Discount
		Total Charge

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. 1924

Date	11-20-15	Sec.	34	Twp.	16	Range	12	County	Barton	State	KS	On Location		Finish	4:15 pm
Location								Beaver 2S 2E							

Lease	Jenisch	Well No.	6	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	Soyal #1				
Type Job	Production String				
Hole Size	7 7/8	T.D.	3450	Charge To	Mar Lou
Csg.	5 1/2	Depth	3449	Street	
Tbg. Size		Depth		City	State
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.	42.92	Shoe Joint	42.92	Cement Amount Ordered 195 Lbm 10% Salt	
Meas Line		Displace	83 1/4 BC	500 gal mid clear	

EQUIPMENT

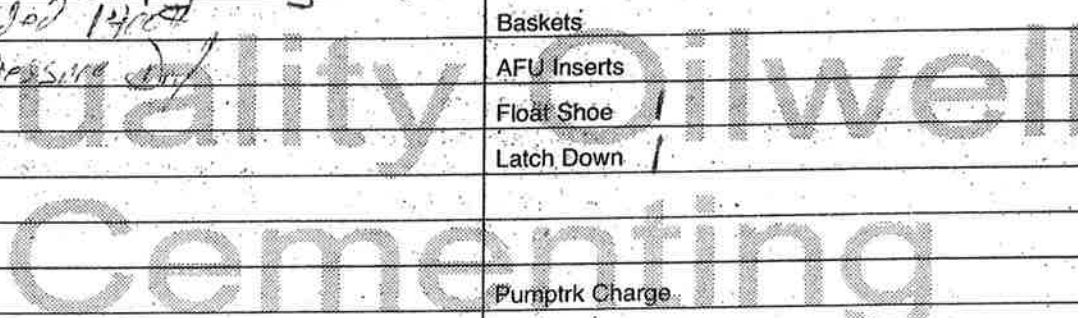
Pumptrk	18	No.		Cementer	raig	Common
				Helper		Poz. Mix
Bulktrk		No.		Driver	Travis	Gel.
				Driver		Calcium
Bulktrk	15	No.		Driver	Mark	Hulls
				Driver		Salt

JOB SERVICES & REMARKS

Remarks:		Salt
Rat Hole	30SK	Flowseal
Mouse Hole	15SK	Kol-Seal
Centralizers		Mud CLR 48
Baskets		CFL-117 or CD110 CAF 38
D/V or Port Collar:		Sand
5 1/2 spx @ 3454	Insert 3411	Handling
Est. Cement on Pump	500 gal mid	Mileage
Clear. Plug Kothole & mouse hole		
Cement 5 1/2 with 150SK.		
Clear lines & Displace Plug.		
DNA landed 1400		
Release pressure		

FLOAT EQUIPMENT

Guide Shoe	5 1/2
Centralizer	4 Turbo's
Baskets	
AFU Inserts	
Float Shoe	1
Latch Down	1



Pumptrk Charge		Tax
Mileage		Discount
		Total Charge

X Signature *Steve Rudy*



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mar-Lou Oil Company LLC

34-16s-12w Barton, KS

PO Box 218
Wilson, KS 67490-0218

Jenisch #6

Job Ticket: 61960

DST#: 1

ATTN: Roger Fisher

Test Start: 2015.11.19 @ 11:02:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:47:16

Time Test Ended: 19:28:31

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 58

Interval: **3341.00 ft (KB) To 3368.00 ft (KB) (TVD)**

Total Depth: 3368.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1912.00 ft (KB)

1905.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6838

Inside

Press@RunDepth: 1013.84 psig @ 3364.00 ft (KB)

Start Date: 2015.11.19

End Date: 2015.11.19

Capacity: 8000.00 psig

Last Calib.: 2015.11.19

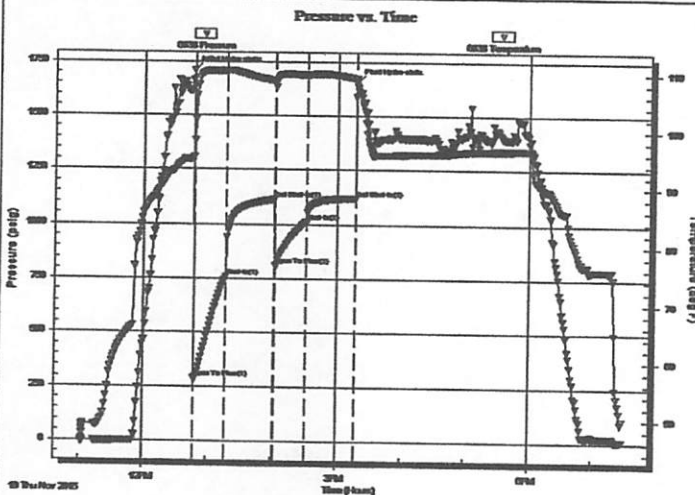
Start Time: 11:02:01

End Time: 19:28:31

Time On Btm: 2015.11.19 @ 12:46:31

Time Off Btm: 2015.11.19 @ 15:18:16

TEST COMMENT: IFF 30 Minutes Strong blow /Blow built to bottom of bucket in 35 seconds
 ISI 45 Minutes No blow back
 FFP 30 Minutes Strong blow /Blow built to bottom of bucket in 40 seconds
 FSI 45 Minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.72	95.36	Initial Hydro-static
1	289.06	98.22	Open To Flow (1)
30	760.13	110.33	Shut-In(1)
76	1112.30	108.66	End Shut-In(1)
76	812.48	108.27	Open To Flow (2)
106	1013.84	109.72	Shut-In(2)
151	1120.34	109.12	End Shut-In(2)
152	1657.43	107.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2674.00	SMCGO Mud 2% Gas 18% Oil 80%	37.51
126.00	Emuls WOCM Water 10% Oil 40% Mud	51.77

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mar-Lou Oil Company LLC

34-16s-12w Barton,KS

PO Box 218
Wilson, KS 67490-0218

Jenisch #6

Job Ticket: 61960

DST#: 1

ATTN: Roger Fisher

Test Start: 2015.11.19 @ 11:02:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:47:16
 Time Test Ended: 19:28:31

Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 58

Interval: **3341.00 ft (KB) To 3368.00 ft (KB) (TVD)**
 Total Depth: 3368.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1912.00 ft (KB)
 1905.00 ft (CF)
 KB to GR/CF: 7.00 ft

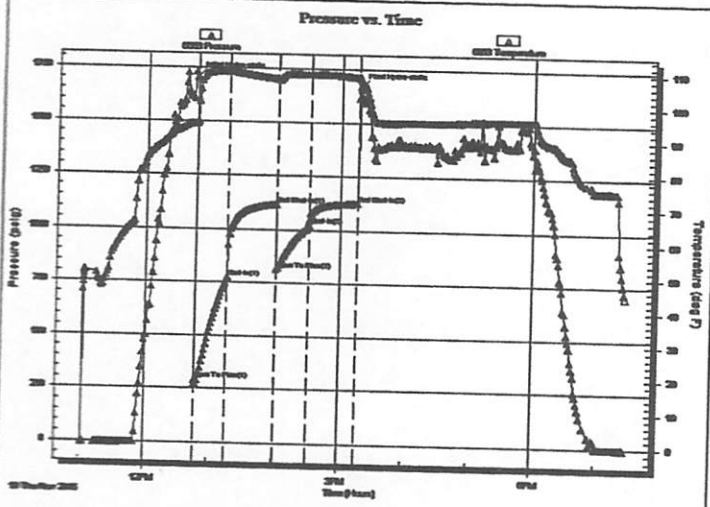
Serial #: 6663

Outside

Press@RunDepth: 1124.72 psig @ 3365.00 ft (KB)
 Start Date: 2015.11.19 End Date: 2015.11.19
 Start Time: 11:02:00 End Time: 19:27:52

Capacity: 8000.00 psig
 Last Calib.: 2015.11.19
 Time On Btm: 2015.11.19 @ 12:45:52
 Time Off Btm: 2015.11.19 @ 15:17:37

TEST COMMENT: IFP 30 Minutes Strong blow /Blow built to bottom of bucket in 35 seconds
 ISI 45 Minutes No blow back
 FFP 30 Minutes Strong blow /Blow built to bottom of bucket in 40 seconds
 FSI 45 Minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1710.07	94.50	Initial Hydro-static
1	290.96	94.36	Open To Flow (1)
31	774.71	109.57	Shut-In (1)
75	1116.37	107.78	End Shut-In (1)
76	813.48	107.65	Open To Flow (2)
106	1019.69	109.14	Shut-In (2)
150	1124.72	108.38	End Shut-In (2)
152	1670.58	107.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2674.00	SMCGO Mud 2% Gas 18% Oil 80%	37.51
126.00	Emuls WOCM Water 10% Oil 40% Mud	511.77

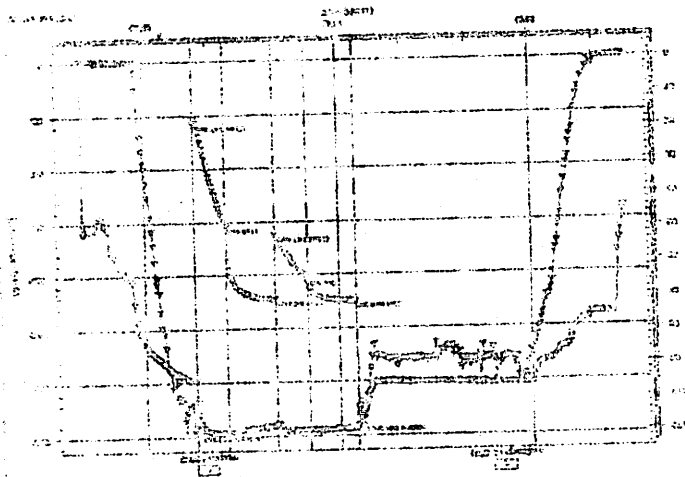
Gas Rates

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

Figure 1

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Table 1



100	100	100	100
110	110	110	110
120	120	120	120
130	130	130	130
140	140	140	140
150	150	150	150
160	160	160	160
170	170	170	170
180	180	180	180
190	190	190	190
200	200	200	200

Table 2

TEST COMMENTS: The test was conducted in accordance with the test plan. The results show that the system is capable of handling the specified load. The test was completed successfully.

TESTING ORGANIZATION

TEST REPORT

TEST DATE: 10/10/2023

TEST LOCATION: 1234 Main St

TESTER: John Doe

TEST SUBJECT: System X



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mar-Lou Oil Company LLC

34-16s-12w Barton,KS

PO Box 218
Wilson, KS 67490-0218

Jenisch #6

Job Ticket: 61960

DST#: 1

ATTN: Roger Fisher

Test Start: 2015.11.19 @ 11:02:00

Tool Information

Drill Pipe:	Length: 3328.00 ft	Diameter: 3.80 inches	Volume: 46.68 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: 51000.00 lb
			<u>Total Volume: 46.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3341.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	47.00 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			3326.00	
Hydraulic tool	5.00			3331.00	
Top Packer	5.00			3336.00	
Packer	5.00			3341.00	20.00 Bottom Of Top Packer
Anchor	22.00			3363.00	
Recorder	1.00	6838	Inside	3364.00	
Recorder	1.00	6663	Outside	3365.00	
Bullnose	3.00			3368.00	27.00 Anchor Tool

Total Tool Length: 47.00



**TRIOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mar-Lou Oil Company LLC

34-16s-12w Barton,KS

PO Box 218
Wilson, KS 67490-0218

Jenisch #6

Job Ticket: 61960

DST#: 1

ATTN: Roger Fisher

Test Start: 2015.11.19 @ 11:02:00

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: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2674.00	SMCGO Mud 2% Gas 18% Oil 80%	37.509
126.00	Emuls WOCM Water 10% Oil 40% Mud 50%	1.767

Total Length: 2800.00 ft Total Volume: 39.276 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: