KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1055143

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5144
Name: Mull Drilling Company, Inc.
Address 1: 1700 N WATERFRONT PKWY
Address 2: BLDG 1200
City: WICHITA State: KS Zip: 67206 + ____
Contact Person: Mark Shreve
Phone: (316) 264-6366
CONTRACTOR: License # 6039
Name: L. D. Drilling, Inc.
Wellsite Geologist: M. Bradford Rine
Purchaser: Plains Marketing

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
☐ Conv. to GSW
☐ Plug Back: ____ Plug Back Total Depth
☐ Commingled Permit #: ____
☐ Dual Completion Permit #: ____
☐ SWD Permit #: ____
☐ ENHR Permit #: ____
☐ GSW Permit #: ____

02/22/2011	03/06/2011	03/28/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-101-22280-00-00
Spot Description: ____
SE - SE - NE - SW Sec. 32 Twp. 16 S. R. 29 ☐ East ☐ West
1375 Feet from ☐ North / ☐ South Line of Section
2360 Feet from ☐ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☐ SW
County: Lane
Lease Name: Jennison Unit Well #: 1-32
Field Name: ____
Producing Formation: Johnson & Marmaton
Elevation: Ground: 2768 Kelly Bushing: 2775
Total Depth: 4560 Plug Back Total Depth: 4509
Amount of Surface Pipe Set and Cemented at: 260 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☐ No
If yes, show depth set: 2189 Feet
If Alternate II completion, cement circulated from: 2189
feet depth to: 0 w/ 160 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 19200 ppm Fluid volume: 675 bbls
Dewatering method used: Evaporated

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

☐ **Letter of Confidentiality Received**
Date: ____
☐ **Confidential Release Date:** ____
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ **I** ☐ **II** ☐ **III** **Approved by:** Deanna Garrison **Date:** 05/13/2011

Side Two

1055143

Operator Name: Mull Drilling Company, Inc. Lease Name: Jennison Unit Well #: 1-32

Sec. 32 Twp. 16 S. R. 29 ☐ East ☐ West County: Lane

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 ☐ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☐ No

Cores Taken ☐ Yes ☐ No
Electric Log Run ☐ Yes ☐ No
Electric Log Submitted Electronically ☐ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

CNL/CDL; MEL; DIL

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☐ New ☐ 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	12.2500	8.6250	20	260	Common	180	2% gel, 3% cc
Production	7.8750	5.5000	14	4545	50/50 Poz	170	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
____ Perforate __✔__ Protect Casing ____ Plug Back TD ____ Plug Off Zone	0-2189	SMD	160	
	-			

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	4472' - 4484'	500 gal 15% MCA + 1500 gal 15% NEFE	
4	4304'- 4308', 4318' - 4322' & 4336' - 4342'	1,500 gal 15% MCA	

TUBING RECORD: Size: 2 3/8" Set At: 4499' Packer At: N/A

Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 03/28/2011

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	83	0	7		33

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Mull Drilling Company, Inc.
Well Name	Jennison Unit 1-32
Doc ID	1055143

Tops

Name	Top	Datum
Anhydrite	2186	+ 589
B/Anhydrite	2214	+ 561
Heebner	3865	- 1090
Lansing	3901	- 1126
Marmaton	4270	- 1495
Ft. Scott	4404	- 1629
Cherokee	4431	- 1656
Johnson	4472	- 1697
Mississippi	4504	- 1729

DRILL STEM TEST REPORT

Brito Oil Co Inc

1700 N Waterfront PKWY Bldg 300 Suite C
Wichita ,Ks 67206

ATTN: Brad Rine

Jennison UInit #1-32

32-16s-29w Lane,Ks

Job Ticket: 040709 **DST#: 1**

Test Start: 2011.03.01 @ 00:01:11

GENERAL INFORMATION:

Formation: **Muncie creek H,I,J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:18:56
Time Test Ended: 06:15:41

Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 55

Interval: 4059.00 ft (KB) To 4146.00 ft (KB) (TVD)
Total Depth: 4146.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

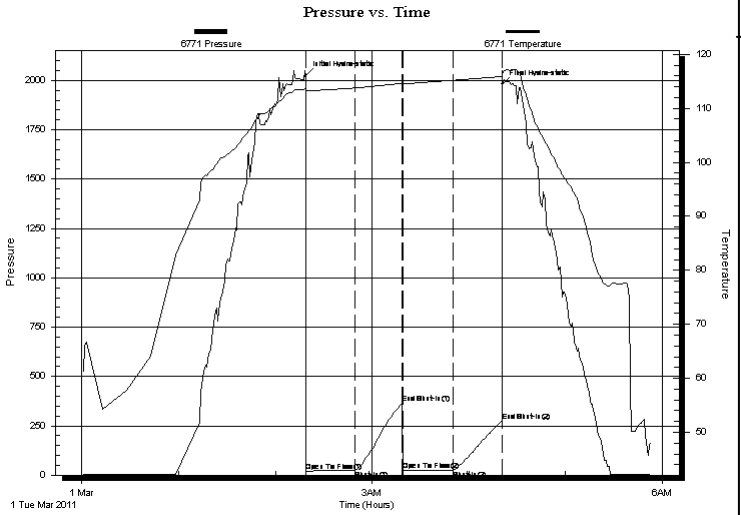
Reference Elevations: 2775.00 ft (KB)
2770.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6771 **Outside**

Press@RunDepth: 25.36 psig @ 4060.00 ft (KB)
Start Date: 2011.03.01 End Date: 2011.03.01
Start Time: 00:01:11 End Time: 05:52:41

Capacity: 8000.00 psig
Last Calib.: 2011.03.01
Time On Btm: 2011.03.01 @ 02:18:41
Time Off Btm: 2011.03.01 @ 04:20:41

TEST COMMENT: 1/4"in blow died in 20 min
No return
No blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2023.01	113.77	Initial Hydro-static
1	20.17	113.16	Open To Flow (1)
31	22.95	113.79	Shut-In(1)
60	362.15	114.60	End Shut-In(1)
61	24.50	114.41	Open To Flow (2)
92	25.36	115.20	Shut-In(2)
122	274.14	115.88	End Shut-In(2)
122	1980.80	117.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.07

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co Inc

1700 N Waterfront PKWY Bldg 300 Suite C
Wichita ,Ks 67206

ATTN: Brad Rine

Jennison UInit #1-32

32-16s-29w Lane,Ks

Job Ticket: 040709 **DST#: 1**

Test Start: 2011.03.01 @ 00:01:11

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.59 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2500.00 ppm				
Filter Cake:	1.00 inches				

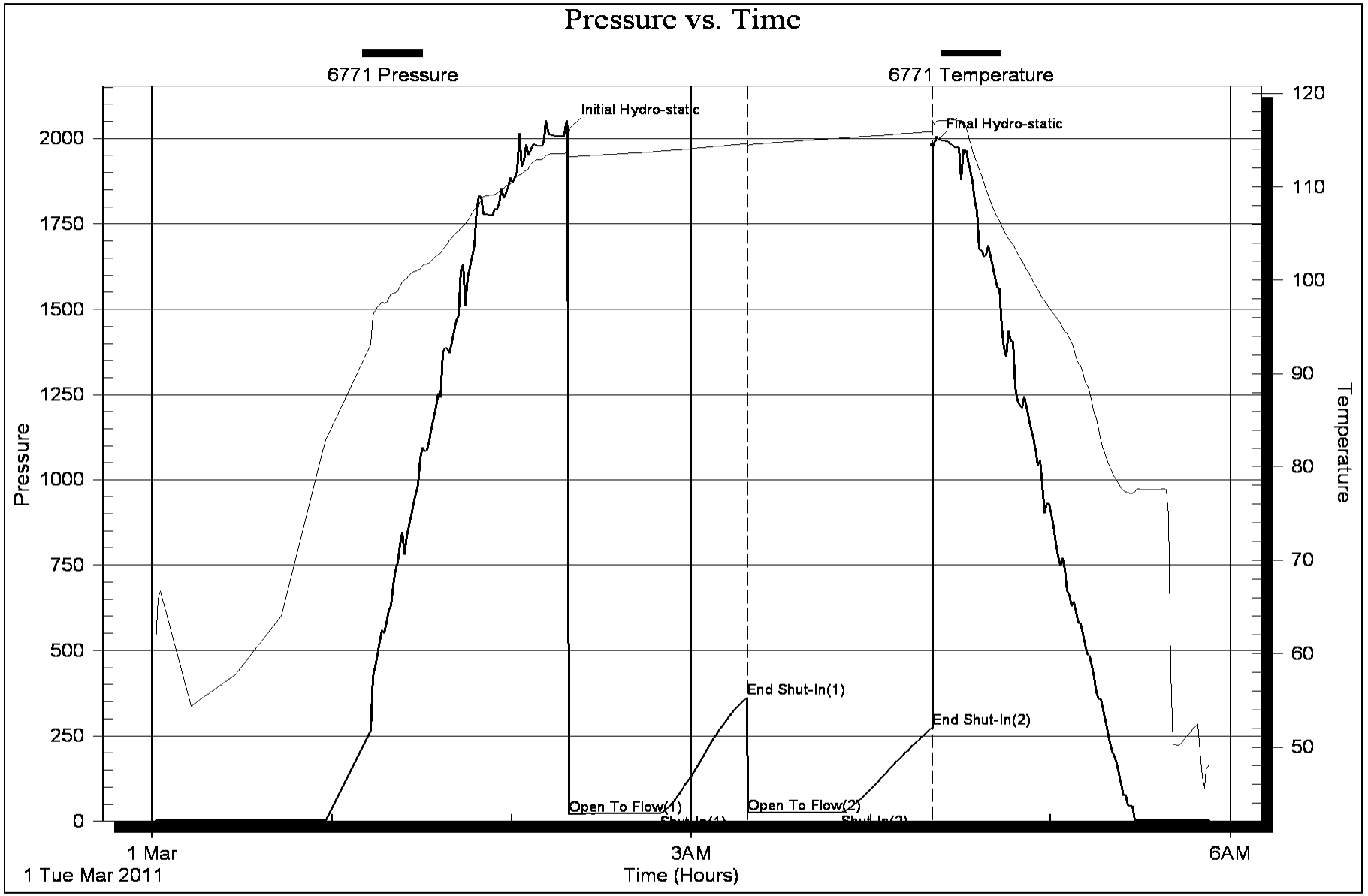
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	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:


Pressure vs. Time
6771 Pressure
6771 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
2000
1750
1500
1250
1000
750
500
250
0
120
110
100
90
80
70
60
50
1 Mar
1 Tue Mar 2011
3AM
Time (Hours)
6AM

DRILL STEM TEST REPORT

Brito Oil Co Inc

1700 N Waterfront PKWY Bldg 300 Suite C
Wichita ,Ks 67206

ATTN: Brad Rine

Jennison UInit #1-32

32-16s-29w Lane,Ks

Job Ticket: 040710 **DST#: 2**

Test Start: 2011.03.02 @ 09:00:26

GENERAL INFORMATION:

Formation: **Marm, Altamont A&B**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:03:56
Time Test Ended: 17:30:26

Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 55

Interval: 4243.00 ft (KB) To 4324.00 ft (KB) (TVD)
Total Depth: 4324.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

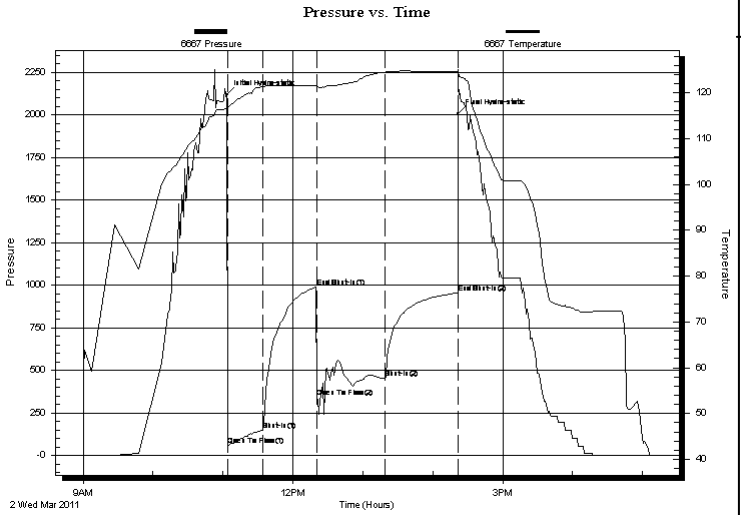
Reference Elevations: 2775.00 ft (KB)
2770.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6667 **Inside**

Press@RunDepth: 452.51 psig @ 4244.00 ft (KB)
Start Date: 2011.03.02 End Date: 2011.03.02
Start Time: 09:00:26 End Time: 17:07:26

Capacity: 8000.00 psig
Last Calib.: 2011.03.02
Time On Btm: 2011.03.02 @ 11:03:26
Time Off Btm: 2011.03.02 @ 14:21:41

TEST COMMENT: Slid tool 15' to bottom 3"in @ open B.O.B. in 6 1/2 min.
No return
B.O.B. in 27 min.
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2117.45	116.55	Initial Hydro-static
1	61.31	116.60	Open To Flow (1)
31	152.06	121.31	Shut-In(1)
77	989.65	121.59	End Shut-In(1)
78	343.89	121.38	Open To Flow (2)
136	452.51	124.53	Shut-In(2)
198	954.68	124.63	End Shut-In(2)
199	2004.63	125.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
107.00	o c m 35%o 65%m	1.50
186.00	g o c m 30%g 30%o 40%m	2.61
62.00	s w & g c o 10%g 10%w 80%o	0.87
124.00	g w c o 20%g 20%w 60%o	1.74

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co Inc

1700 N Waterfront PKWY Bldg 300 Suite C
Wichita ,Ks 67206

ATTN: Brad Rine

Jennison UInit #1-32

32-16s-29w Lane,Ks

Job Ticket: 040710 **DST#: 2**

Test Start: 2011.03.02 @ 09:00:26

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	57.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.59 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2600.00 ppm				
Filter Cake:	1.00 inches				

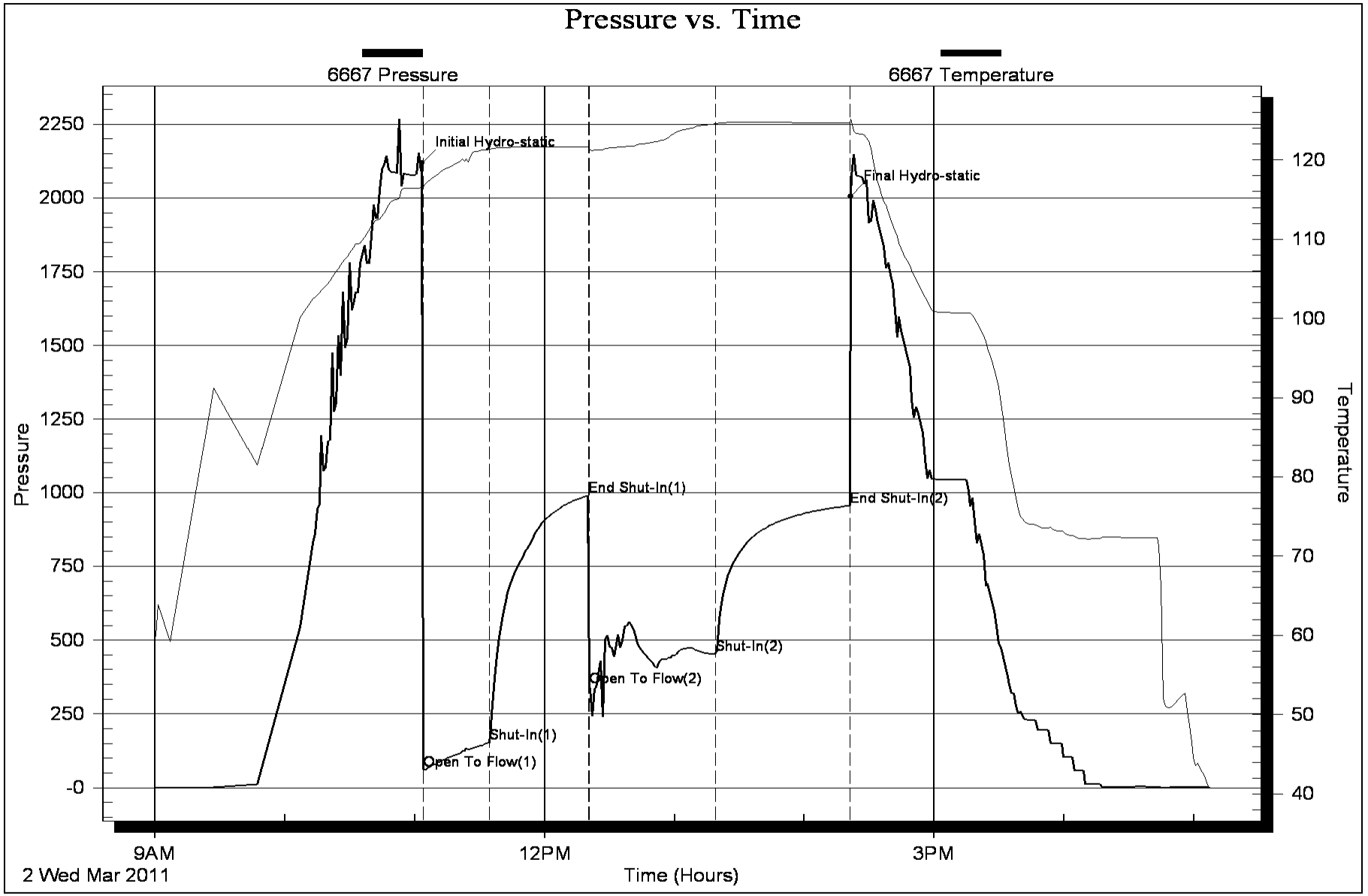
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
107.00	o c m 35%o 65%m	1.501
186.00	g o c m 30%g 30%o 40%m	2.609
62.00	s w & g c o 10%g 10%w 80%o	0.870
124.00	g w c o 20%g 20%w 60%o	1.739

Total Length: 479.00 ft Total Volume: 6.719 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6667 Pressure
6667 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
2250
2000
1750
1500
1250
1000
750
500
250
-0
120
110
100
90
80
70
60
50
40
9AM
12PM
3PM
2 Wed Mar 2011
Time (Hours)

DRILL STEM TEST REPORT

Brito Oil Co Inc

1700 N Waterfront PKWY Bldg 300 Suite C
Wichita ,Ks 67206

ATTN: Brad Rine

Jennison UInit #1-32

32-16s-29w Lane,Ks

Job Ticket: 040711 **DST#: 3**

Test Start: 2011.03.03 @ 10:50:35

GENERAL INFORMATION:

Formation: **myric station**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:23:20
Time Test Ended: 19:45:05

Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 55

Interval: 4362.00 ft (KB) To 4397.00 ft (KB) (TVD)
Total Depth: 4397.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

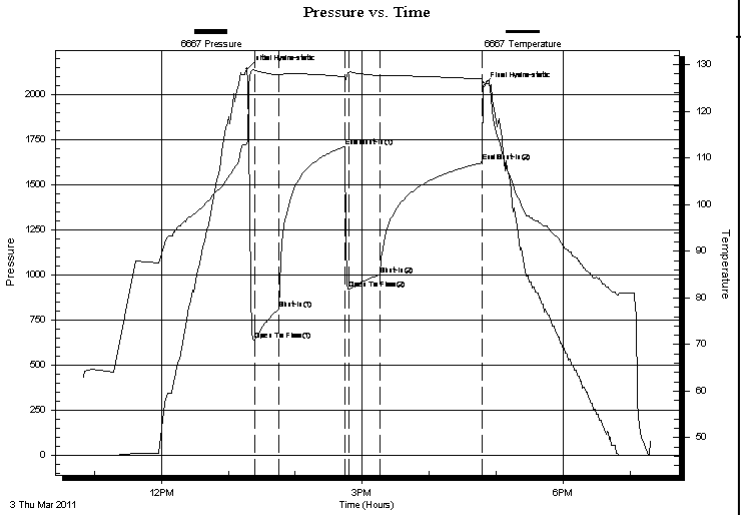
Reference Elevations: 2775.00 ft (KB)
2770.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6667 **Inside**

Press@RunDepth: 1001.96 psig @ 4363.00 ft (KB)
Start Date: 2011.03.03 End Date: 2011.03.03
Start Time: 10:50:35 End Time: 19:18:05

Capacity: 8000.00 psig
Last Calib.: 2011.03.03
Time On Btm: 2011.03.03 @ 13:16:35
Time Off Btm: 2011.03.03 @ 16:48:05

TEST COMMENT: slid tool 3' to bottom B.O.B. @ open
No return
B.O.B. in 1 1/2 min
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2138.07	113.11	Initial Hydro-static
7	637.04	128.91	Open To Flow (1)
29	812.67	127.85	Shut-In(1)
88	1710.74	127.44	End Shut-In(1)
91	924.31	128.23	Open To Flow (2)
120	1001.96	127.63	Shut-In(2)
211	1628.62	126.96	End Shut-In(2)
212	2045.80	126.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1999.00	mud 100%m	28.04

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co Inc

1700 N Waterfront PKWY Bldg 300 Suite C
Wichita ,Ks 67206

ATTN: Brad Rine

Jennison UInit #1-32

32-16s-29w Lane,Ks

Job Ticket: 040711 **DST#: 3**

Test Start: 2011.03.03 @ 10:50:35

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.40 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	1.00 inches				

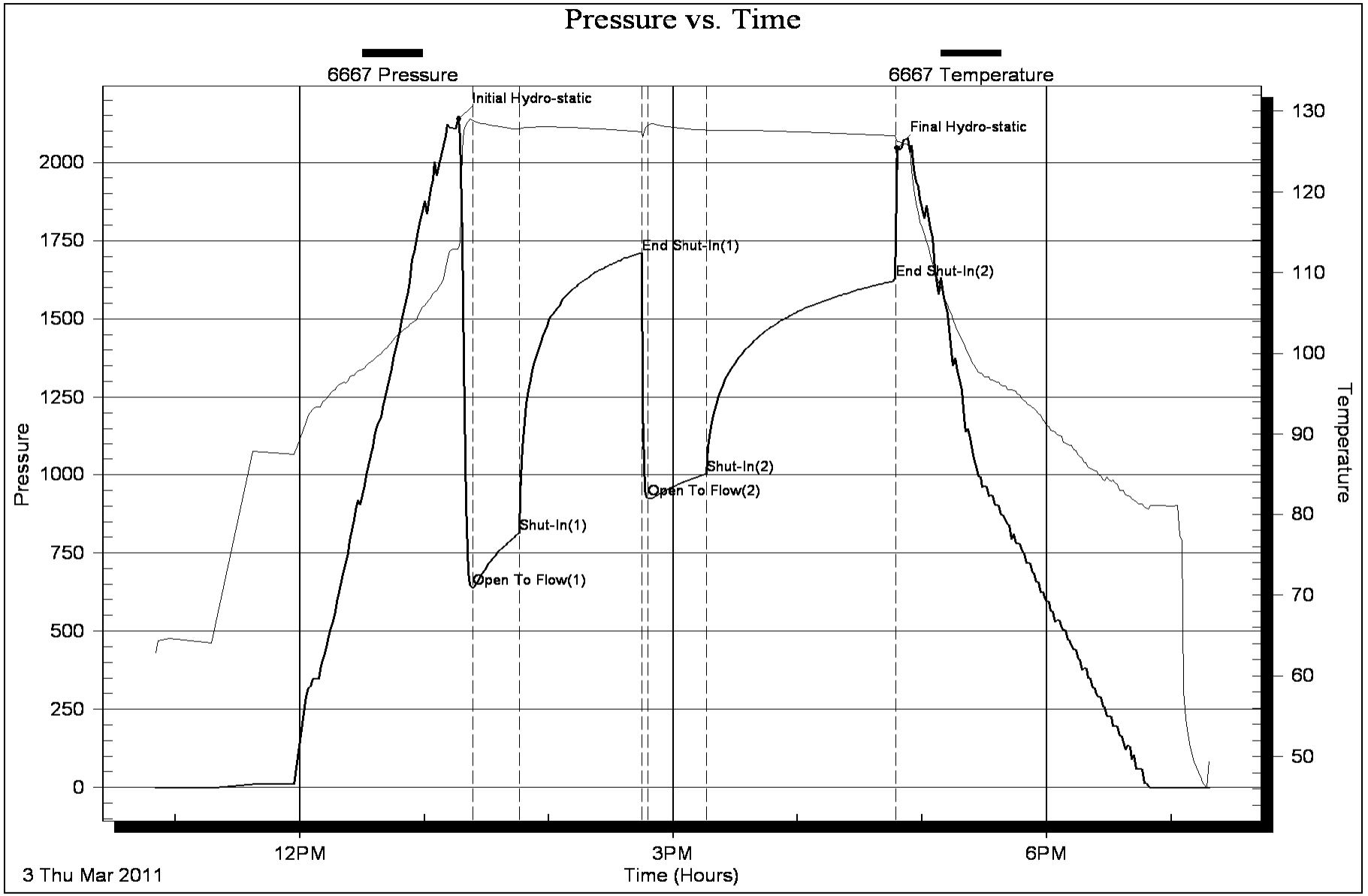
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1999.00	mud 100%m	28.041

Total Length: 1999.00 ft Total Volume: 28.041 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6667 Pressure
6667 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
2000
1750
1500
1250
1000
750
500
250
0
130
120
110
100
90
80
70
60
50
12PM
3PM
6PM
3 Thu Mar 2011
Time (Hours)

DRILL STEM TEST REPORT

Brito Oil Co Inc

1700 N Waterfront PKWY Bldg 300 Suite C
Wichita ,Ks 67206

ATTN: Brad Rine

Jennison UInit #1-32

32-16s-29w Lane,Ks

Job Ticket: 040712 DST#: 4

Test Start: 2011.03.04 @ 06:50:28

GENERAL INFORMATION:

Formation: **Ft Scott,Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:47:00
Time Test Ended: 11:13:28

Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 55

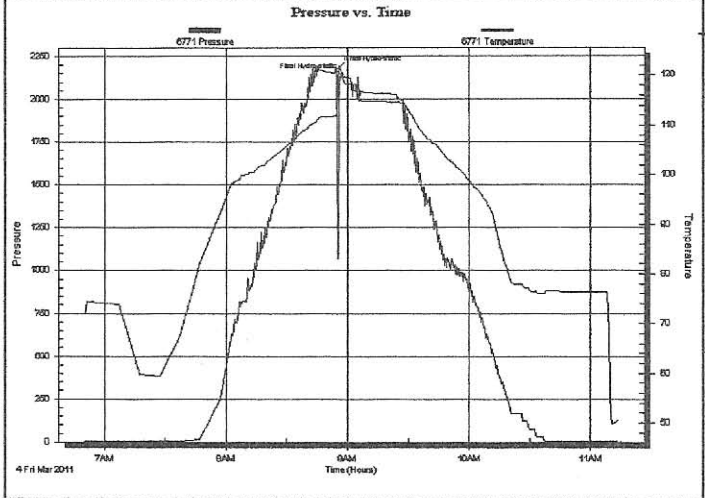
Interval: 4403.00 ft (KB) To 4453.00 ft (KB) (TVD)
Total Depth: 4453.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2775.00 ft (KB)
2770.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6771 Outside
Press@RunDepth: psig @ 4404.00 ft (KB)
Start Date: 2011.03.04 End Date: 2011.03.04
Start Time: 06:50:28 End Time: 11:13:28

Capacity: 8000.00 psig
Last Calib.: 2011.03.04
Time On Btm: 2011.03.04 @ 08:54:43
Time Off Btm: 2011.03.04 @ 08:57:28

TEST COMMENT: packers failed @ open reset failed again pull tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2171.33	111.83	Initial Hydro-static
3	2129.35	119.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
330.00	mud 100%m	4.63

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Brito Oil Co Inc

1700 N Waterfront PKWY Bldg 300 Suite C
Wichita ,Ks 67206

ATTN: Brad Rine

Jennison Ulnit #1-32

32-16s-29w Lane,Ks

Job Ticket: 040713 **DST#: 5**

Test Start: 2011.03.04 @ 11:30:35

GENERAL INFORMATION:

Formation: **Ft Scott ,Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:05:20
Time Test Ended: 17:04:20

Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 55

Interval: 4405.00 ft (KB) To 4453.00 ft (KB) (TVD)
Total Depth: 4453.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

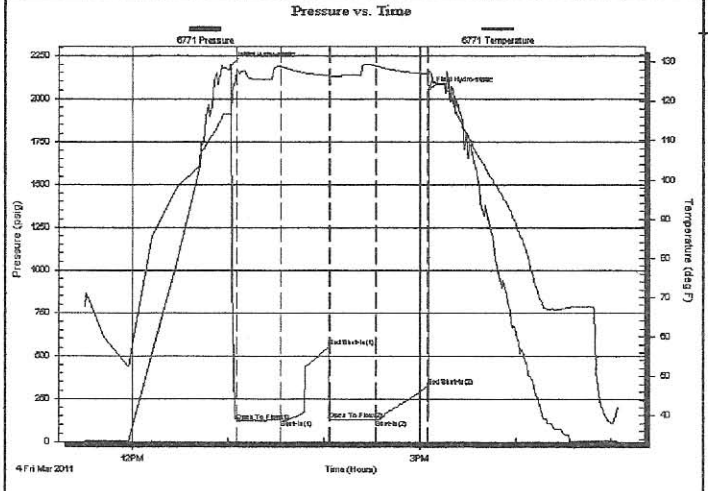
Reference Elevations: 2775.00 ft (KB)
2770.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6771 Outside

Press@RunDepth: 131.92 psig @ 4406.00 ft (KB)
Start Date: 2011.03.04 End Date: 2011.03.04
Start Time: 11:30:35 End Time: 17:04:20

Capacity: 8000.00 psig
Last Calib.: 2011.03.04
Time On Btm: 2011.03.04 @ 13:01:50
Time Off Btm: 2011.03.04 @ 15:05:50

TEST COMMENT: Mud dropped 60' @ open B.O.B. mud blow w eaksurface blow @ end of flow
No return
No blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2193.64	116.67	Initial Hydro-static
4	119.61	127.77	Open-To Flow (1)
31	129.80	128.74	Shut-In(1)
62	551.43	126.51	End Shut-In(1)
62	129.74	126.37	Open To Flow (2)
91	131.92	128.89	Shut-In(2)
124	326.01	126.96	End Shut-In(2)
124	2050.09	127.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
215.00	mud 100%m	3.02

Gas Rates

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

DRILL STEM TEST REPORT

Brito Oil Co Inc

1700 N Waterfront PKWY Bldg 300 Suite C
Wichita ,Ks 67206

ATTN: Brad Rine

Jennison UInit #1-32

32-16s-29w Lane,Ks

Job Ticket: 040714 **DST#: 6**

Test Start: 2011.03.05 @ 01:50:48

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:55:48
Time Test Ended: 11:10:03

Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 55

Interval: 4447.00 ft (KB) To 4483.00 ft (KB) (TVD)
Total Depth: 4483.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

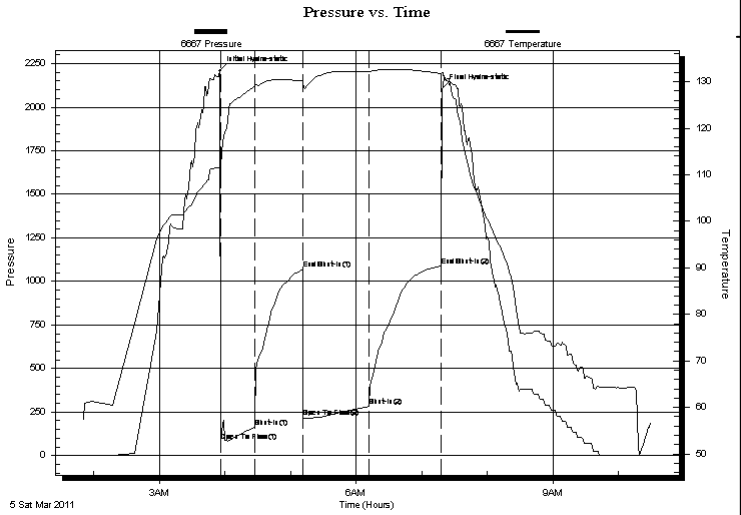
Reference Elevations: 2775.00 ft (KB)
2770.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6667 **Inside**

Press@RunDepth: 281.42 psig @ 4448.00 ft (KB)
Start Date: 2011.03.05 End Date: 2011.03.05
Start Time: 01:50:48 End Time: 10:30:03

Capacity: 8000.00 psig
Last Calib.: 2011.03.05
Time On Btm: 2011.03.05 @ 03:55:33
Time Off Btm: 2011.03.05 @ 07:18:33

TEST COMMENT: B.O.B. in 4 min.
10"in return
10"in @ open B.O.B. in 1 1/2 min.
B.O.B. return in 26 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2208.46	111.67	Initial Hydro-static
1	81.12	111.03	Open To Flow (1)
32	161.82	129.12	Shut-In(1)
76	1068.86	130.19	End Shut-In(1)
76	221.04	129.65	Open To Flow (2)
136	281.42	132.21	Shut-In(2)
203	1088.42	131.80	End Shut-In(2)
203	2104.45	132.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
573.00	c g o 25%g 75%o	8.04
124.00	g m c o 30%g 30%m 40%o	1.74
0.00	1285' gas in pipe	0.00

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co Inc

1700 N Waterfront PKWY Bldg 300 Suite C
Wichita ,Ks 67206

ATTN: Brad Rine

Jennison UInit #1-32

32-16s-29w Lane,Ks

Job Ticket: 040714 **DST#: 6**

Test Start: 2011.03.05 @ 01:50:48

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	35 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	51.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.40 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3300.00 ppm				
Filter Cake:	1.00 inches				

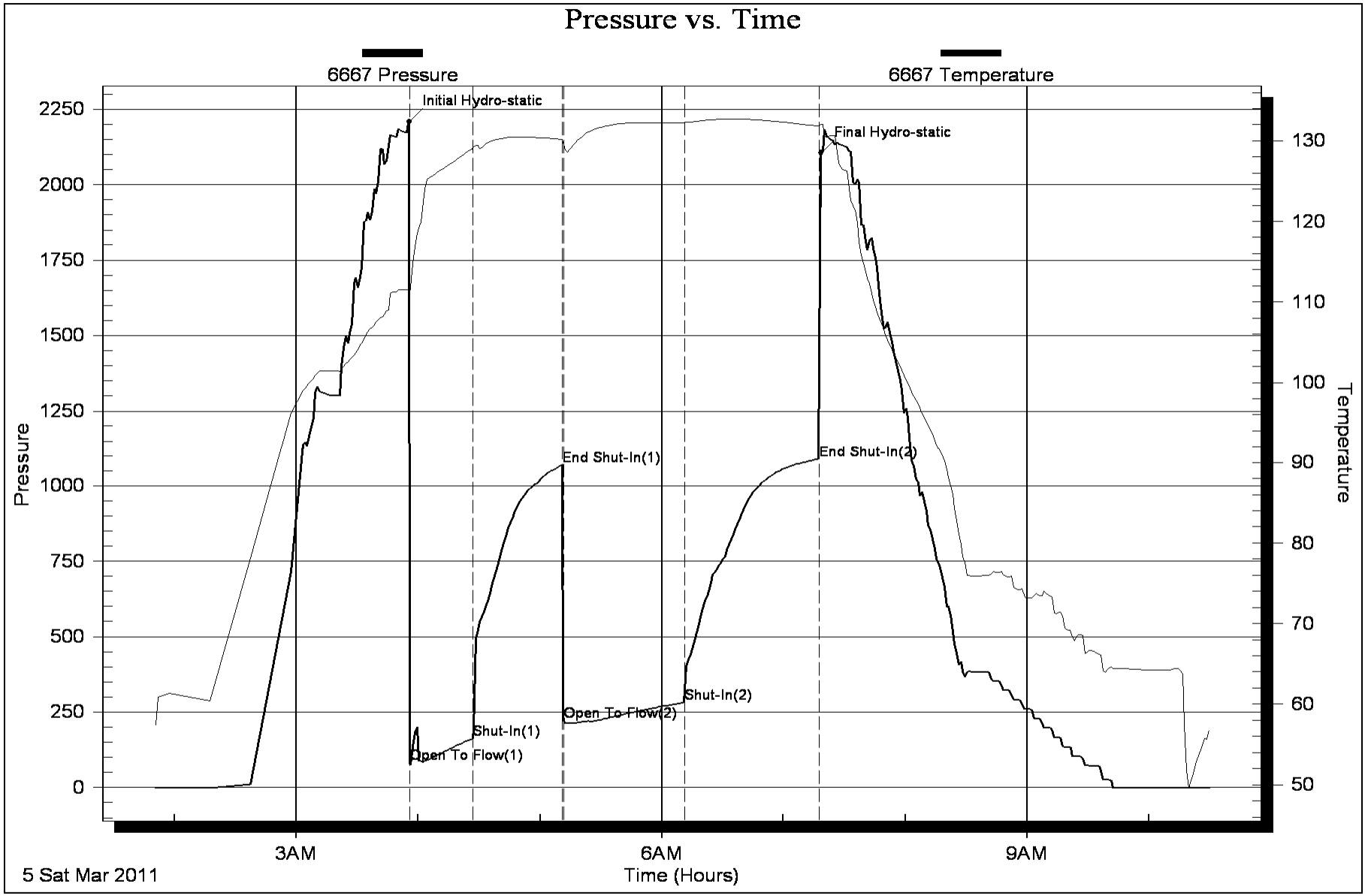
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
573.00	c g o 25%g 75%o	8.038
124.00	g m c o 30%g 30%m 40%o	1.739
0.00	1285' gas in pipe	0.000

Total Length: 697.00 ft Total Volume: 9.777 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6667 Pressure
6667 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
2250
2000
1750
1500
1250
1000
750
500
250
0
130
120
110
100
90
80
70
60
50
3AM
6AM
9AM
5 Sat Mar 2011
Time (Hours)

ALLIED CEMENTING CO., LLC. 04 004

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Oakley

DATE 2-22-11	SEC. 32	TWP. 16S	RANGE 29W	CALLED OUT	ON LOCATION	JOB START 3:00AM	JOB FINISH 3:30A
LEASE Jennison Unit	WELL # 1-32		LOCATION Healy 4E 1N			COUNTY Lane	STATE KS
OLD OR NEW (Circle one)			1/4W SWINTO				

CONTRACTOR L D Drilling
TYPE OF JOB Surface
HOLE SIZE 12 1/4 T.D. 263'
CASING SIZE 8 5/8 DEPTH 260'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15
PERFS.
DISPLACEMENT 15.60 BBL

OWNER same

EQUIPMENT

PUMP TRUCK # 423-281 CEMENTER Andrew
HELPER Larene
BULK TRUCK # 396 DRIVER Wil
BULK TRUCK # DRIVER

CEMENT

AMOUNT ORDERED 180 sks com 3% cc 2% gel

COMMON	180 sks	@ 15.45	2781.00
POZMIX		@	
GEL	3 sks	@ 20.80	62.40
CHLORIDE	6 sks	@ 58.20	349.20
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	189 sks	@ 2.40	453.60
MILEAGE	10¢ sk/mile		1134.00
		TOTAL	4780.20

REMARKS:

cement did circulate

Thank you

SERVICE

DEPTH OF JOB	260'		
PUMP TRUCK CHARGE			1018.00
EXTRA FOOTAGE		@	
MILEAGE	60 miles	@ 7.00	420.00
MANIFOLD		@	
		@	
		@	
		TOTAL	1438.00

CHARGE TO: Brito oil co inc
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

~~8 5/8~~ 1 surface plug		@	~~68.00~~
		@	
		@	
		@	
		@	
		TOTAL	~~68.00~~

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME
SIGNATURE Rhl Wk

SWIFT Services, Inc.

CHARGE TO: MULL DRLG
ADDRESS
CITY, STATE, ZIP CODE

TICKET 19613

PAGE 1 OF 2

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. HAYS	132	JENNISON UNIT	LANE	KS		03-06-11	
2. NESS	TICKET TYPE ☒ SERVICE ☐ SALES	CONTRACTOR	RIG NAME/NO. LD DRG - 1	SHIPPED VIA CIT	DELIVERED TO 3E, 1N, W, HEALY	ORDER NO.	
3.	WELL TYPE OIL	WELL CATEGORY DEVELOP	JOB PURPOSE LONGSTRING		WELL PERMIT NO. 15-101-22280	WELL LOCATION S32 T16 R29	
4.							
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
575		1			MILEAGE #112	50	mi			5 00	250 00
578		1			Pump Service	1	EA			1400 00	1400 00
221		1			Liquid KCL	2	GAL			25 00	50 00
280		1			Flocheck 21	1000	GAL			2 50	2500 00
290		1			D-AIR	2	GAL			35 00	70 00
400		1			Guide Shoe	1	EA	5½	in	155 00	155 00
402		1			Centralizer	9	EA	5½	in	65 00	585 00
403		1			Basket	2	EA	5½	in	230 00	460 00
404		1			Port Collar 2189	1	EA	5½	in	2100 00	2100 00
410		1			Top Plug	1	EA	5½	in	100 00	100 00
415		1			Insert Float Collar	1	EA	5½	in	330 00	330 00
419		1			Rotating Head Rental	1	EA	5½	in	150 00	150 00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY,** and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X [signature] MDC

DATE SIGNED 03-06-11 | TIME SIGNED 1200 ☐ A.M. ☒ P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			

ARE YOU SATISFIED WITH OUR SERVICE? ☐ YES ☐ NO

☐ CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL Pg-1	8150 00
PAGE TOTAL Pg-2	3398 50
Sub TOTAL	11,548 50
Lane TAX 6.3%	578 03
TOTAL	12,126 53

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

SWIFT OPERATOR [signature] | APPROVAL

Thank You!

SWIFT Services, Inc.

PO Box 466.
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 19623

CUSTOMER: MULL DRLG | WELL: 132, JENNINGSON UNIT | DATE: 03-08-11 | PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	TIME	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
327		2				50-50 poz 2½ SEL	200	SK			8 25	1750 00
276		2				FLOCELE	50	LB			1 50	75 00
283		2				SALT	1000	LB			25	150 00
286		2				HALAD	100	LB			7 00	700 00
581		2				SERVICE CHG CMT	200	SK			1 50	300 00
583		2				DRAYAGE	423.5	TM			1 00	423 50

SERVICE CHARGE | CUBIC FEET

MILEAGE CHARGE | TOTAL WEIGHT | LOADED MILES | TON MILES

CONTINUATION TOTAL 3398.50

JOB LOG

SWIFT Services, Inc.

DATE 03-06-11 | PAGE NO. 1

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
MUSTANG	1-32	JENNISON UNIT	LONGSTRING	1963

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	1200							ON LOCATION
								CMT: 200SKS 50-50 POZ
								R/U HES & SET PIPE HES KS ASF 3300, FLOAT @ JT 1 & 2
								5½ 15.5# PORT COLLAR @ Top of 56, 2189 FT
								CENT 1, 2, 3, 5, 7, 9, 11, 13, 57, BASKETS 5, 55
								JOINTS OUT 76, 79, 101
	1240							START CSG & FLOAT EQU
	1420							TAG BOTTOM, DROP BALL
	1430							BREAK CIRC & ROTATE PIPE
	1610		7					PLUG RH W/ 30 SHS
	1615	6.5	15		✓		200	WCL FLUSH
			24		✓			1000 GALS FLOCHECK 21
			5		✓			WCL FLUSH
			39		✓			170 SKS CMT
								RELEASE PLUG SW, WASHOUT PL
		6.5	0		✓		200	START DISP
			72		✓		200	CMT ON BOTTOM
			95		✓		500	
			100		✓		600	STOP ROTATING
			105				700	
	1645	5.0	110		✓		1400	LAND PLUG
	1650							RELEASE - DRY
								WASH UP, RACK UP
	1730							JOB COMPLETE
								THANK YOU!
								DAVE, JOSH & LANE

03/15/2011 12:32 FAX (719/689-9994 MUC-CHEY_WELLS.CO → MUC WICHITA 003/008

SWIFT Services, Inc.

CHARGE TO: Mull Drlg. Co.
ADDRESS
CITY, STATE, ZIP CODE

TICKET 20066

PAGE 1 OF 1

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. Ness City, Ks	1-32	Jeffson Unit	Lane	Ks		3-16-11	same

TICKET TYPE	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.
☒ SERVICE ☐ SALES	Wild West Well Service		CT	Location	

WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION
Oil	Development	Cemt Port Collar		Healy, Ks - 3E, 1N, W into

REFERRAL LOCATION
INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
575		1			MILEAGE # 110	50	MI			5 00	250 00
576b		1			Pump Charge	1	JOB			1100 00	1100 00
105		1			Port Collar Opening Tool	1	JOB			300 00	300 00
330		1			Swift Multi-Density Standard	175	SKS			15 00	2625 00
276		1			Flocele	60	LBS			1 50	90 00
290		1			D-Air	2	GAL			35 00	70 00
581		1			Service Charge Cemt	235	SKS			1 50	352 50
583		1			Drayage	23320	LBS	583	TM	1 00	583 00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY,** and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X [signature]

DATE SIGNED 3-16-11 | TIME SIGNED 1030 ☒ A.M. ☐ P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			

ARE YOU SATISFIED WITH OUR SERVICE? ☐ YES ☐ NO

☐ CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	5370 50
Lane TAX 6.3%	194 36
TOTAL	5564 86

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Wayne Wilson | APPROVAL

Thank You!

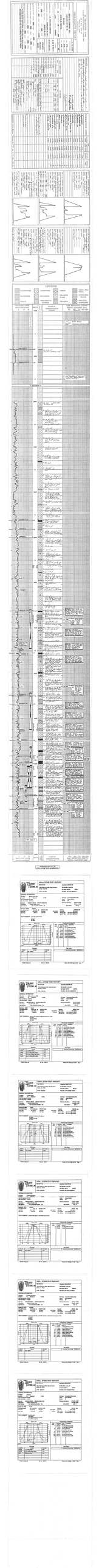
03/23/2011 10:53 FAX 719/6/88884 MUC-CHEY_WELLS.CO → MUC WICHITA 003/003

JOB LOG

SWIFT Services, Inc.

DATE 3-16-11 PAGE NO. 1

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
Mull Drlg. Co.	1-32	Jenison Unit	Cemnt Port Collar	20066

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	1030							ON LOCATION
								TUBING - 2 3/8
								CASING - 5 1/2
								PORT COLLAR - 2190'
	1050				✓		1000	PSI TEST CASING - HELD
	1055	4	2	✓		450		OPEN PORT COLLAR - INJ RATE
	1100	4 1/2	97	✓		450		MIX CEMNT 175 SKS SMD
	1125	4 1/2	7 1/2	✓		750		DISPLACE CEMNT
	1135			✓		1000		CLOSE PORT COLLAR - PSI TEST - HELD
								CIRCULATED 15 SKS CEMNT TO PIT
	1145	4	20		✓		500	RUN 5 JTS - CIRCULATE CLEAN
								PULL TOOL
								WASH TRUCK
	1230							JOB COMPLETE
								THANK YOU
								WAYNE, JASON, JOE

03/23/2011 10:53 FAX 719/687/8994 MUC-CHEY_WELLS.CO → MUC WICHITA 004/006