KOLAR Document ID: 1372616

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 # 35245
Name: Suemaur Exploration & Production, LLC
Address 1: 539 N. CARANCAHUA STE 1100
Address 2:
City: CORPUS CHRISTI State: TX Zip: 78401 + ____
Contact Person: Andrew Grubb
Phone: (817) 737-0500
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Bob Petersen
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 #:

10/26/2017 — Spud Date or Recompletion Date
11/3/2017 — Date Reached TD
11/4/2017 — Completion Date or Recompletion Date

API No.: 15-179-21438-00-00
Spot Description:
SE - NW - NW - NW Sec. 32 Twp. 6 S. R. 28 ☐ East ☑ West
529 Feet from ☑ North / ☐ South Line of Section
351 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Sheridan
Lease Name: GODFREY Well #: 1-32
Field Name:
Producing Formation: LKC
Elevation: Ground: 2769 Kelly Bushing: 2774
Total Vertical Depth: 4550 Plug Back Total Depth: 0
Amount of Surface Pipe Set and Cemented at: 291 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: 1000 ppm Fluid volume: 400 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
☑ **Confidentiality Requested**
Date: 11/14/2017
☑ **Confidential Release Date:** 11/14/2019
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Karen Ritter **Date:** 11/16/2017

Operator Name: Suemaur Exploration & Production, LLC Lease Name: GODFREY Well #: 1-32

Sec. 32 Twp. 6 S. R. 28 ☐ East ☑ West County: Sheridan

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 *(Attach Additional Sheets)*	☑ Yes	☐ No
Samples Sent to Geological Survey	☑ Yes	☐ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Geologist Report / Mud Logs	☑ Yes	☐ No

List All E. Logs Run:

IEL-D-N-Sonic-GR

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

Name	Top	Datum
Stone Corral	2511	263
Topeka	3692	-918
Heebner	3891	-1117
Lansing	3932	-1158
Mississippian	4454	-1680

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	12.25	8.625	24	291	Class A	275	3% CaCl2

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	-			
	-			

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: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Suemaur Exploration & Production, LLC
Well Name	GODFREY 1-32
Doc ID	1372616

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	291	Class A	275	3% CaCl2

DRILL STEM TEST REPORT

Suemaur Exploration & Production LLC

529 N. Carancahua STE 1100
Corpus Christi, TX 78401

ATTN: Bob Petersen

32/6s/28w Sheridan KS

Godfrey #1-32

Job Ticket: 63321 **DST#: 1**

Test Start: 2017.10.30 @ 16:15:00

GENERAL INFORMATION:

Formation: **LKC "A"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:03:00
Time Test Ended: 01:48:30

Test Type: Conventional Bottom Hole (Initial)
Tester: James Winder
Unit No: 76

Interval: 3926.00 ft (KB) To 3948.00 ft (KB) (TVD)
Total Depth: 3948.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

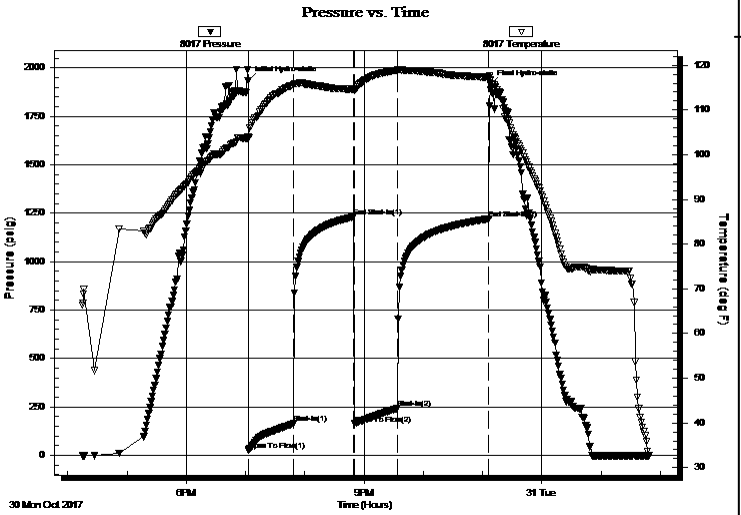
Reference Elevations: 2774.00 ft (KB)
2769.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8017 **Outside**

Press@RunDepth: 243.15 psig @ 3927.00 ft (KB)
Start Date: 2017.10.30 End Date: 2017.10.31
Start Time: 16:15:05 End Time: 01:48:30

Capacity: 8000.00 psig
Last Calib.: 2017.10.31
Time On Btm: 2017.10.30 @ 19:02:45
Time Off Btm: 2017.10.30 @ 23:07:45

TEST COMMENT: 45 - IF: Blow built to BOB (11") at 19 1/4 min.
60 - ISI: No blow back
45 - FF: Blow built to BOB at 23 1/2 min.
90 - FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1934.35	104.06	Initial Hydro-static
1	24.94	103.54	Open To Flow (1)
46	163.64	115.63	Shut-In(1)
107	1231.10	114.64	End Shut-In(1)
108	162.63	114.29	Open To Flow (2)
152	243.15	118.88	Shut-In(2)
244	1221.18	117.28	End Shut-In(2)
245	1915.00	116.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	SMCW 94%w , 6%m	2.58
220.00	MW 60%w , 40%m	3.09

Gas Rates

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

DRILL STEM TEST REPORT

Suemaur Exploration & Production LLC

529 N. Carancahua STE 1100
Corpus Christi, TX 78401

ATTN: Bob Petersen

32/6s/28w Sheridan KS

Godfrey #1-32

Job Ticket: 63321 **DST#: 1**

Test Start: 2017.10.30 @ 16:15:00

GENERAL INFORMATION:

Formation: **LKC "A"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:03:00
Time Test Ended: 01:48:30

Test Type: Conventional Bottom Hole (Initial)
Tester: James Winder
Unit No: 76

Interval: 3926.00 ft (KB) To 3948.00 ft (KB) (TVD)
Total Depth: 3948.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

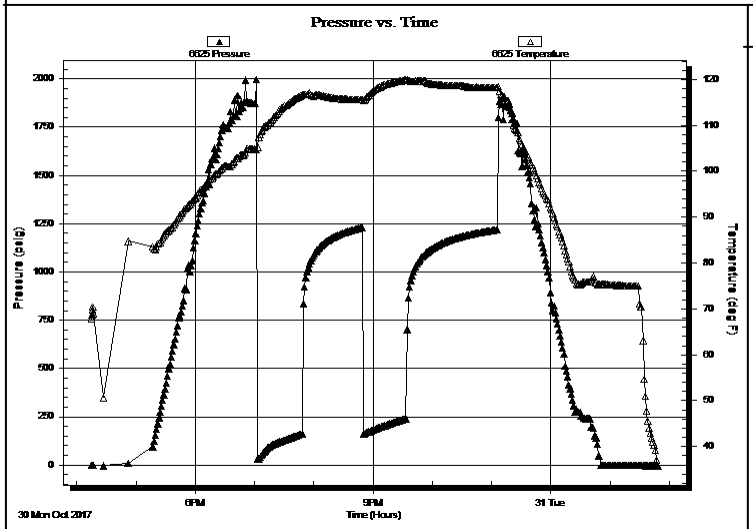
Reference Elevations: 2774.00 ft (KB)
2769.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6625 **Inside**

Press@RunDepth: psig @ 3927.00 ft (KB)
Start Date: 2017.10.30 End Date: 2017.10.31
Start Time: 16:15:05 End Time: 01:48:45

Capacity: 8000.00 psig
Last Calib.: 2017.10.31
Time On Btm:
Time Off Btm:

TEST COMMENT: 45 - IF: Blow built to BOB (11") at 19 1/4 min.
60 - ISI: No blow back
45 - FF: Blow built to BOB at 23 1/2 min.
90 - FSI: No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
300.00	SMCW 94%w , 6%m	2.58
220.00	MW 60%w , 40%m	3.09

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Suemaur Exploration & Production LLC

529 N. Carancahua STE 1100
Corpus Christi, TX 78401

ATTN: Bob Petersen

32/6s/28w Sheridan KS

Godfrey #1-32

Job Ticket: 63321 **DST#: 1**

Test Start: 2017.10.30 @ 16:15:00

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:	68000 ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.80 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	700.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	SMCW 94%w , 6%m	2.578
220.00	MW 60%w , 40%m	3.086

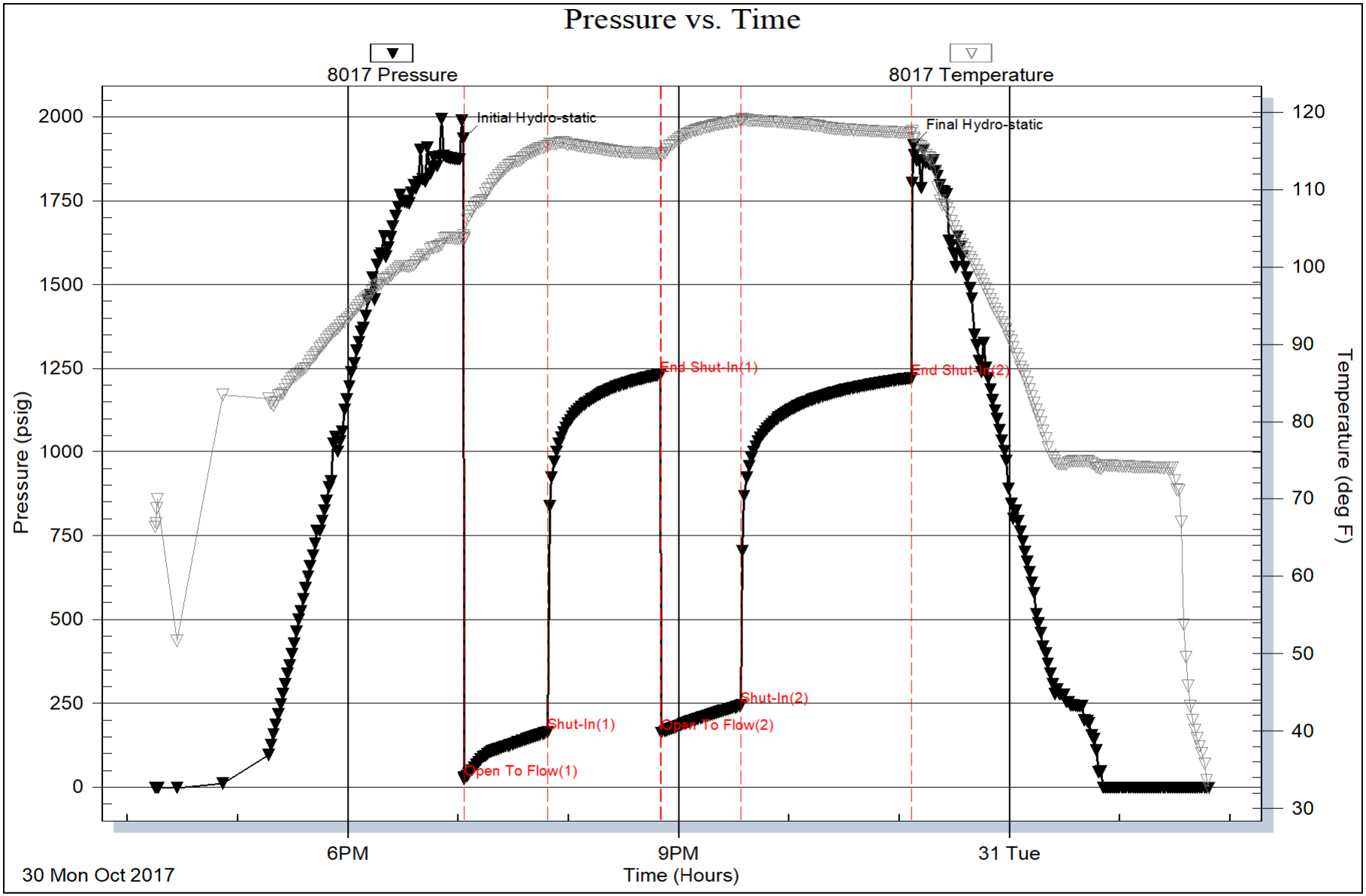
Total Length: 520.00 ft Total Volume: 5.664 bbl

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

Laboratory Name: Laboratory Location:

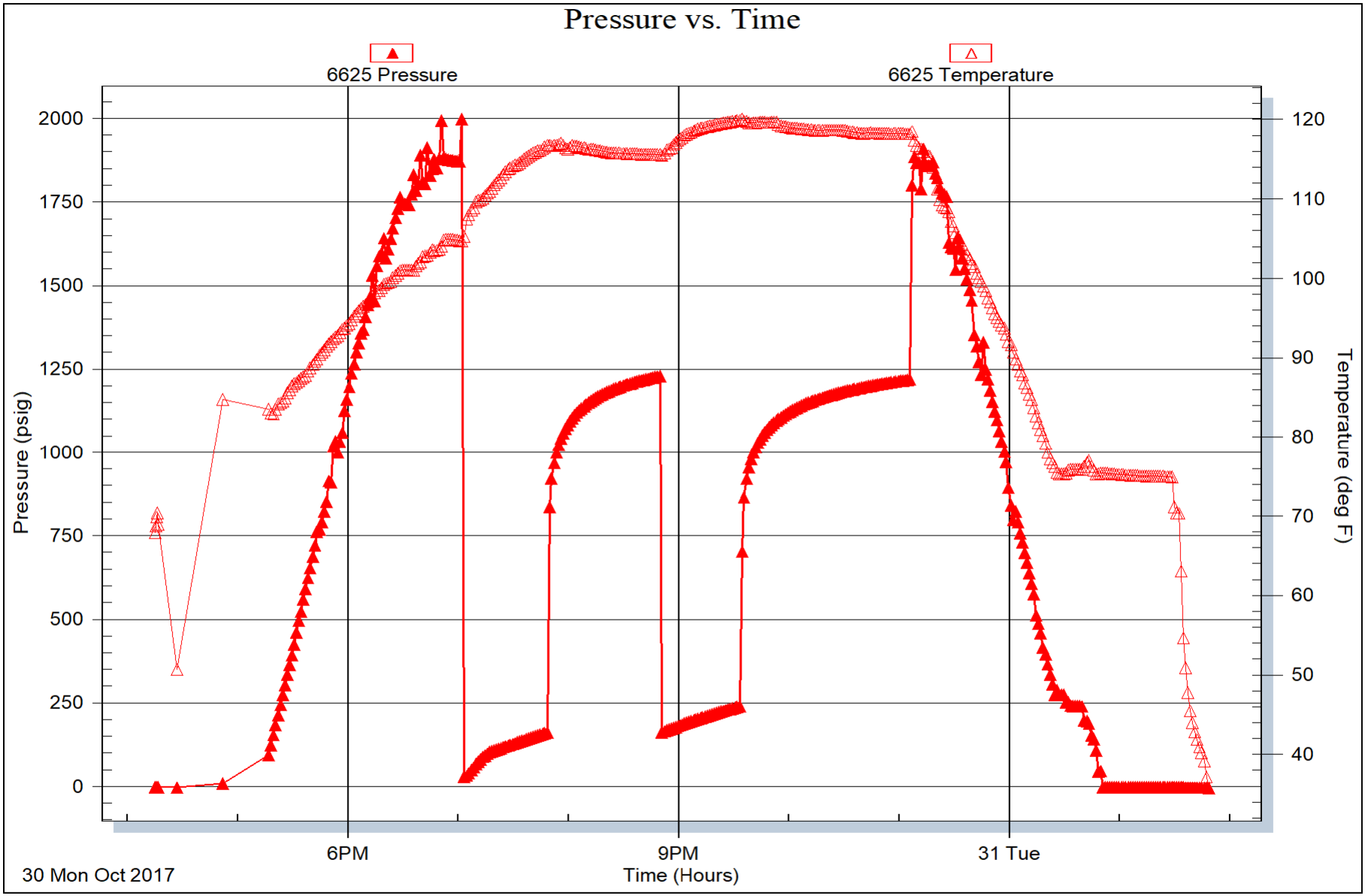
Recovery Comments: RW = .400 ohms @ 19.4 deg F
Chlorides = 68,000 ppm

Serial #: 8017 **Outside** Suemaur Exploration & Production LLC Godfrey #1-32 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 63321 Printed: 2017.10.31 @ 05:50:56

Serial #: 6625 **Inside** Suemaur Exploration & Production LLC Godfrey #1-32 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 63321 Printed: 2017.10.31 @ 05:50:56

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Suemaur Exploration & Production LLC

529 N. Carancahua STE 1100
Corpus Christi, TX 78401

ATTN: Bob Petersen

32/6s/28w Sheridan KS

Godfrey #1-32

Job Ticket: 63322 **DST#: 2**

Test Start: 2017.10.31 @ 10:50:00

GENERAL INFORMATION:

Formation: **LKC "C"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:07:00
Time Test Ended: 19:05:45

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 76

Interval: 3950.00 ft (KB) To 3970.00 ft (KB) (TVD)
Total Depth: 3970.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

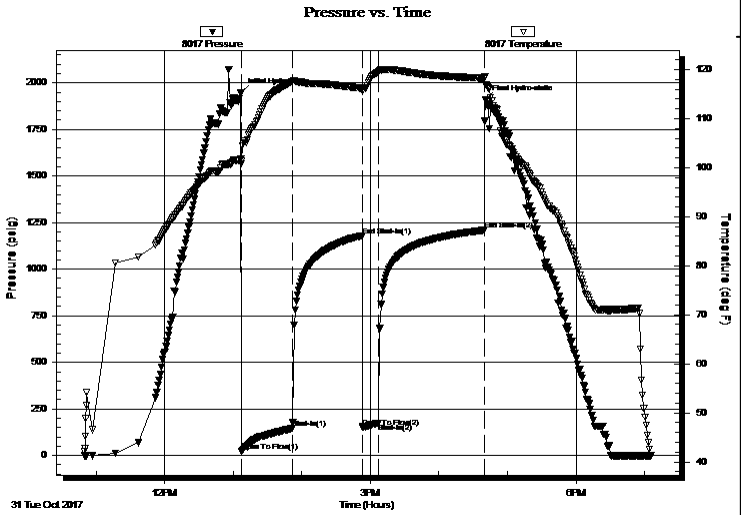
Reference Elevations: 2774.00 ft (KB)
2769.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8017 **Outside**

Press@RunDepth: 174.97 psig @ 3951.00 ft (KB)
Start Date: 2017.10.31 End Date: 2017.10.31
Start Time: 10:50:05 End Time: 19:05:44

Capacity: 8000.00 psig
Last Calib.: 2017.10.31
Time On Btm: 2017.10.31 @ 13:06:45
Time Off Btm: 2017.10.31 @ 16:41:00

TEST COMMENT: 45 - IF: Blow built to BOB (11") at 21 1/2 min.
60 - ISI: No blow back
15 - FF: Blow built to 6"
90 - FSI: Weak surface blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1945.45	101.86	Initial Hydro-static
1	20.22	100.82	Open To Flow (1)
46	145.96	117.56	Shut-In(1)
106	1180.22	116.20	End Shut-In(1)
107	150.58	115.81	Open To Flow (2)
121	174.97	119.59	Shut-In(2)
213	1209.53	118.26	End Shut-In(2)
215	1907.83	116.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
365.00	MCW 75%w , 25%m	3.49

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Suemaur Exploration & Production LLC

529 N. Carancahua STE 1100
Corpus Christi, TX 78401

ATTN: Bob Petersen

32/6s/28w Sheridan KS

Godfrey #1-32

Job Ticket: 63322 **DST#: 2**

Test Start: 2017.10.31 @ 10:50:00

GENERAL INFORMATION:

Formation: **LKC "C"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:07:00
Time Test Ended: 19:05:45

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 76

Interval: 3950.00 ft (KB) To 3970.00 ft (KB) (TVD)
Total Depth: 3970.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

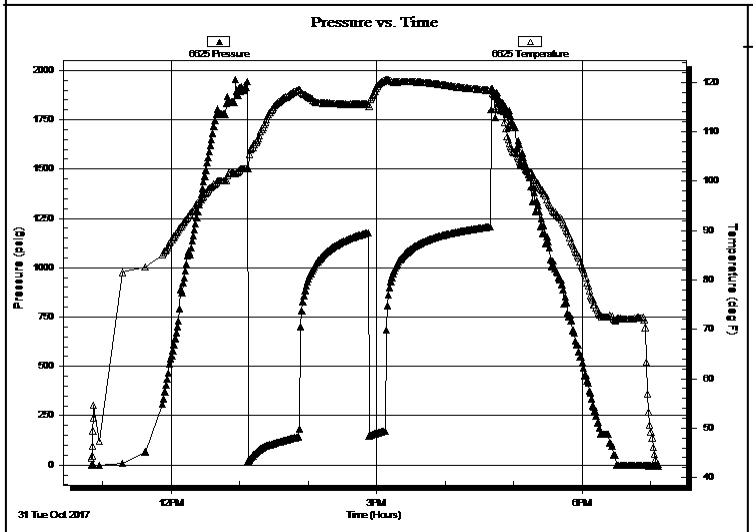
Reference Elevations: 2774.00 ft (KB)
2769.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6625 **Inside**

Press@RunDepth: psig @ 3951.00 ft (KB)
Start Date: 2017.10.31 End Date: 2017.10.31
Start Time: 10:50:05 End Time: 19:06:14

Capacity: 8000.00 psig
Last Calib.: 2017.10.31
Time On Btm:
Time Off Btm:

TEST COMMENT: 45 - IF: Blow built to BOB (11") at 21 1/2 min.
60 - ISI: No blow back
15 - FF: Blow built to 6"
90 - FSI: Weak surface blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
365.00	MCW 75%w , 25%m	3.49

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Suemaur Exploration & Production LLC

529 N. Carancahua STE 1100
Corpus Christi, TX 78401

ATTN: Bob Petersen

32/6s/28w Sheridan KS

Godfrey #1-32

Job Ticket: 63322 **DST#: 2**

Test Start: 2017.10.31 @ 10:50:00

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:	58000 ppm
Viscosity:	60.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.00 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	800.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
365.00	MCW 75%w , 25%m	3.489

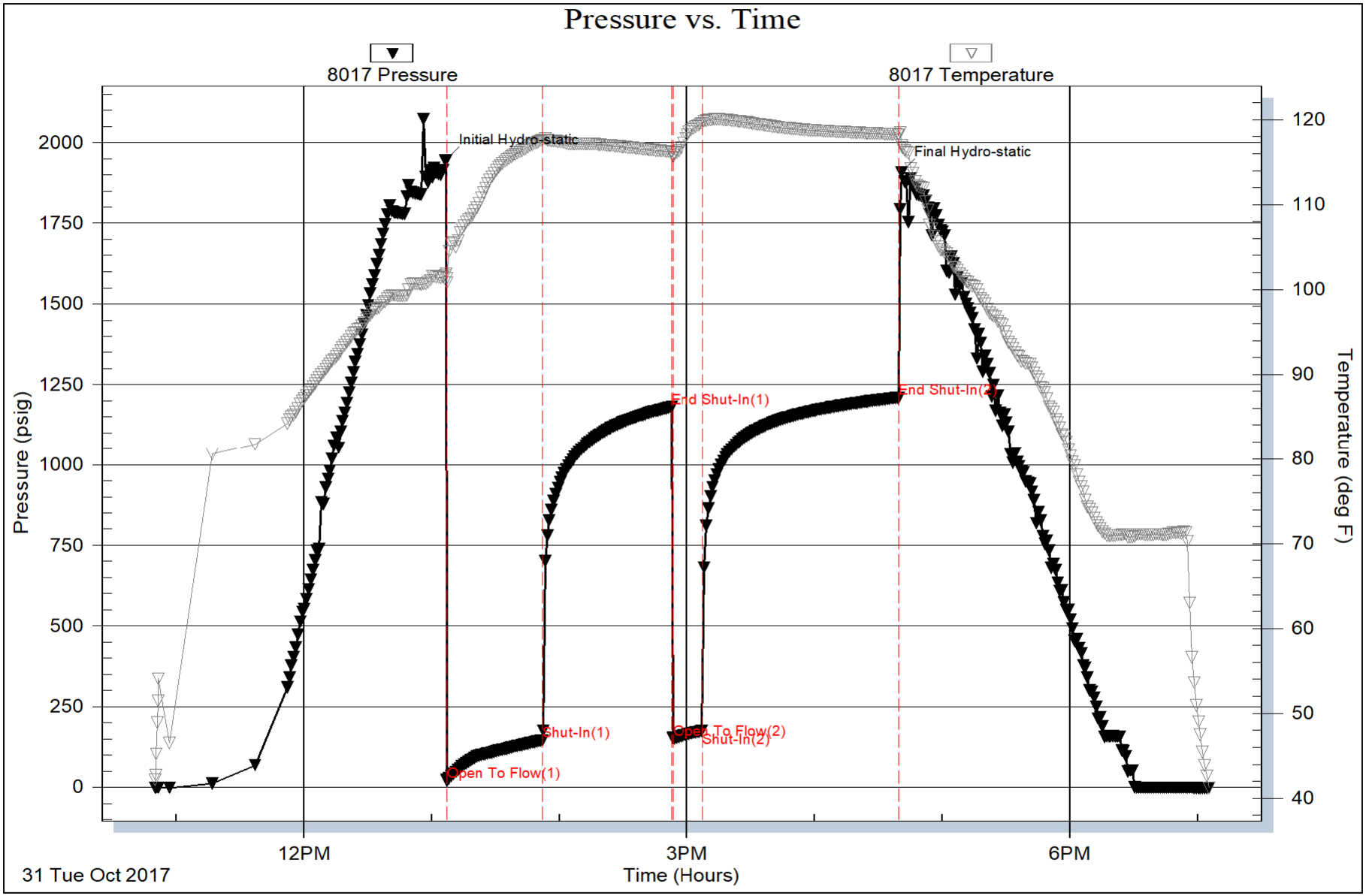
Total Length: 365.00 ft Total Volume: 3.489 bbl

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

Laboratory Name: Laboratory Location:

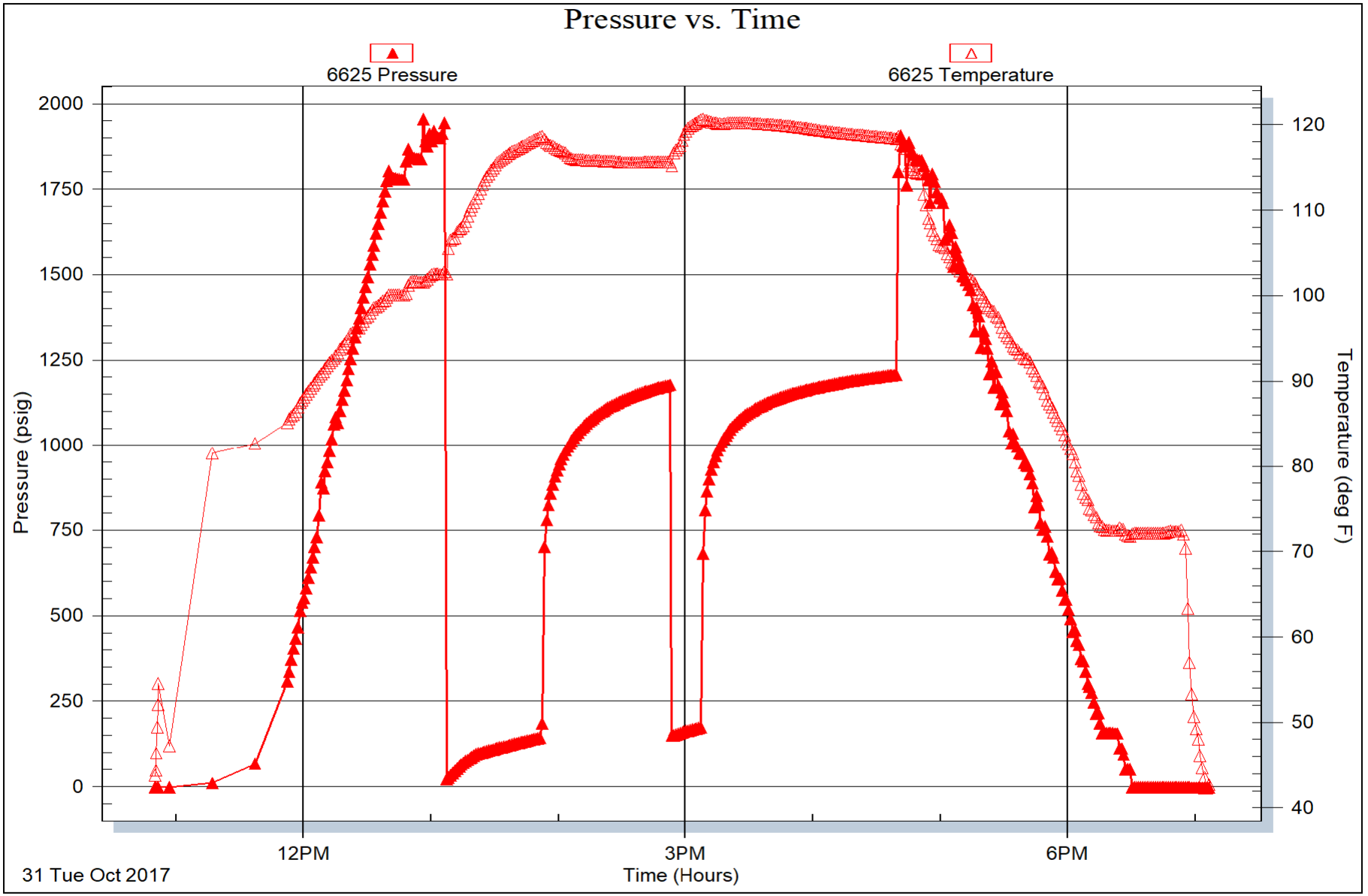
Recovery Comments: RW = .224 ohms @ 38.7 deg F
Chlorides = 58,000 ppm

Serial #: 8017 **Outside** Suemaur Exploration & Production LLC Godfrey #1-32 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 63322 Printed: 2017.11.01 @ 07:02:54

Serial #: 6625 **Inside** Suemaur Exploration & Production LLC Godfrey #1-32 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 63322 Printed: 2017.11.01 @ 07:02:54

DRILL STEM TEST REPORT

Suemaur Exploration & Production LLC

529 N. Carancahua STE 1100
Corpus Christi, TX 78401

ATTN: Bob Petersen

32/6s/28w Sheridan KS

Godfrey #1-32

Job Ticket: 63323 **DST#: 3**

Test Start: 2017.11.01 @ 03:51:00

GENERAL INFORMATION:

Formation: **LKC "E"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:08:30
Time Test Ended: 10:53:15

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 76

Interval: 3988.00 ft (KB) To 3994.00 ft (KB) (TVD)
Total Depth: 3994.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

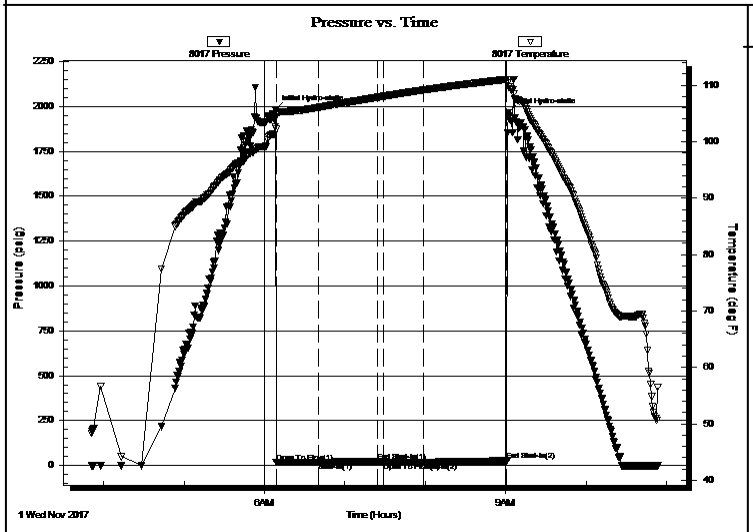
Reference Elevations: 2774.00 ft (KB)
2769.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8017 **Outside**

Press@RunDepth: 18.82 psig @ 3989.00 ft (KB)
Start Date: 2017.11.01 End Date: 2017.11.01
Start Time: 03:51:05 End Time: 10:53:14

Capacity: 8000.00 psig
Last Calib.: 2017.11.01
Time On Btm: 2017.11.01 @ 06:08:15
Time Off Btm: 2017.11.01 @ 09:01:45

TEST COMMENT: 30 - IF: 1/4" Blow at open, built slightly, died back to surface blow
45 - ISI: No blow back
30 - FF: No blow
60 - FSI: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1980.07	102.63	Initial Hydro-static
1	16.63	102.23	Open To Flow (1)
32	18.60	106.06	Shut-In(1)
76	24.60	107.85	End Shut-In(1)
81	18.31	108.03	Open To Flow (2)
111	18.82	109.16	Shut-In(2)
173	26.67	111.03	End Shut-In(2)
174	1967.00	110.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud 100%	0.01

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Suemaur Exploration & Production LLC

529 N. Carancahua STE 1100
Corpus Christi, TX 78401

ATTN: Bob Petersen

32/6s/28w Sheridan KS

Godfrey #1-32

Job Ticket: 63323 **DST#: 3**

Test Start: 2017.11.01 @ 03:51:00

GENERAL INFORMATION:

Formation: **LKC "E"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:08:30
Time Test Ended: 10:53:15

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 76

Interval: 3988.00 ft (KB) To 3994.00 ft (KB) (TVD)
Total Depth: 3994.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

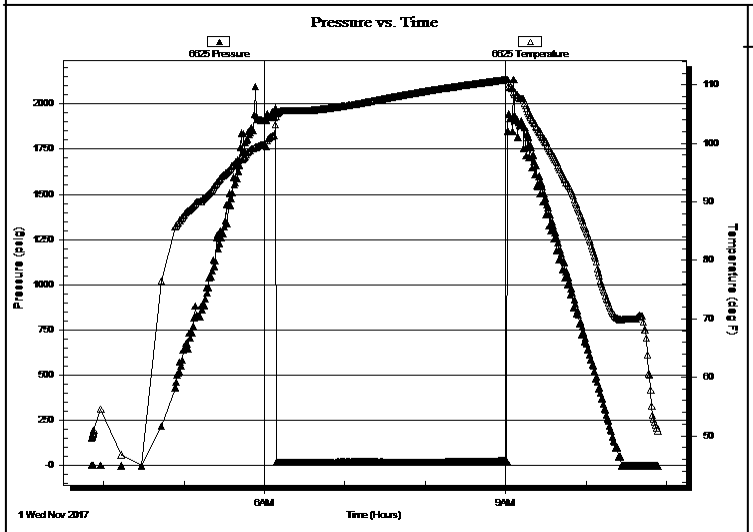
Reference Elevations: 2774.00 ft (KB)
2769.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6625 **Inside**

Press@RunDepth: psig @ 3989.00 ft (KB)
Start Date: 2017.11.01 End Date: 2017.11.01
Start Time: 03:51:05 End Time: 10:53:44

Capacity: 8000.00 psig
Last Calib.: 2017.11.01
Time On Btm:
Time Off Btm:

TEST COMMENT: 30 - IF: 1/4" Blow at open, built slightly, died back to surface blow
45 - ISI: No blow back
30 - FF: No blow
60 - FSI: No blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud 100%	0.01

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Suemaur Exploration & Production LLC

529 N. Carancahua STE 1100
Corpus Christi, TX 78401

ATTN: Bob Petersen

32/6s/28w Sheridan KS

Godfrey #1-32

Job Ticket: 63323 **DST#: 3**

Test Start: 2017.11.01 @ 03:51:00

Tool Information

Drill Pipe:	Length:	3800.00 ft	Diameter:	3.80	inches	Volume:	53.30	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.75	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	179.00 ft	Diameter:	2.25	inches	Volume:	0.88	bbl	
						Total Volume:	54.18	bbl	

Drill Pipe Above KB:	20.00 ft
Depth to Top Packer:	3988.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	6.00 ft
Tool Length:	35.00 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:		2500.00 lb
Weight set on Packer:		20000.00 lb
Weight to Pull Loose:		65000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	45000.00 lb
	Final	45000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3960.00		
Shut In Tool	5.00			3965.00		
Hydraulic tool	5.00			3970.00		
Jars	5.00			3975.00		
Safety Joint	3.00			3978.00		
Packer	5.00			3983.00	29.00	Bottom Of Top Packer
Packer	5.00			3988.00		
Packer - Shale	0.00			3988.00		
Stubb	1.00			3989.00		
Recorder	0.00	6625	Inside	3989.00		
Recorder	0.00	8017	Outside	3989.00		
Perforations	2.00			3991.00		
Bullnose	3.00			3994.00	6.00	Bottom Packers & Anchor
Total Tool Length:	**35.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Suemaur Exploration & Production LLC

529 N. Carancahua STE 1100
Corpus Christi, TX 78401

ATTN: Bob Petersen

32/6s/28w Sheridan KS

Godfrey #1-32

Job Ticket: 63323 **DST#: 3**

Test Start: 2017.11.01 @ 03:51:00

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:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.40 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1300.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

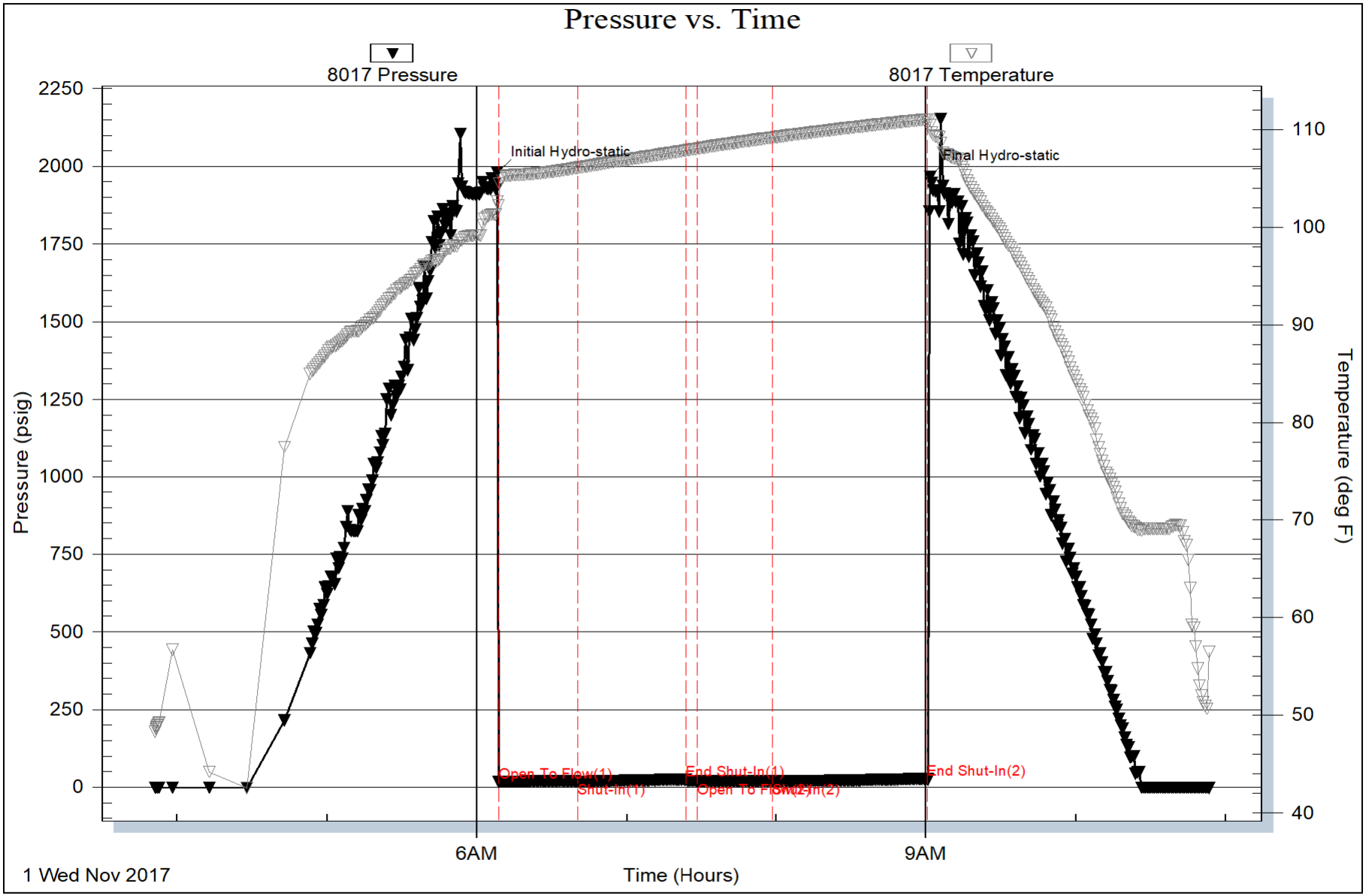
Recovery Table

Length ft	Description	Volume bbl
2.00	Mud 100%	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

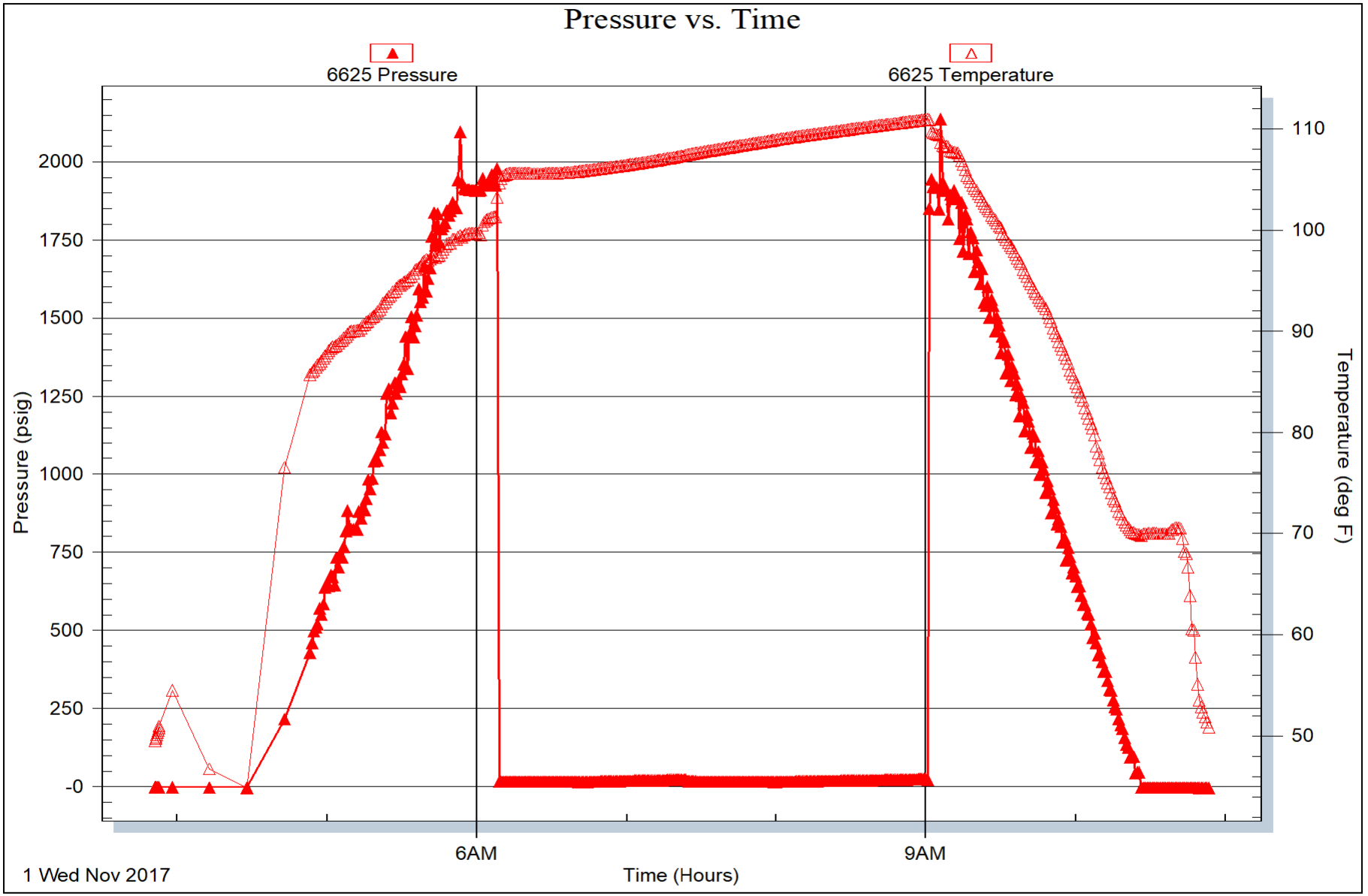
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8017 **Outside** Suemaur Exploration & Production LLC Godfrey #1-32 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 63323 Printed: 2017.11.01 @ 11:17:12

Serial #: 6625 **Inside** Suemaur Exploration & Production LLC Godfrey #1-32 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 63323 Printed: 2017.11.01 @ 11:17:12

DRILL STEM TEST REPORT

Suemaur Exploration & Production LLC

529 N. Carancahua STE 1100
Corpus Christi, TX 78401

ATTN: Bob Petersen

32/6s/28w Sheridan KS

Godfrey #1-32

Job Ticket: 63324 **DST#: 4**

Test Start: 2017.11.02 @ 06:15:00

GENERAL INFORMATION:

Formation: **LKC "J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:22:30
Time Test Ended: 14:29:30

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 76

Interval: 4068.00 ft (KB) To 4105.00 ft (KB) (TVD)
Total Depth: 4105.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

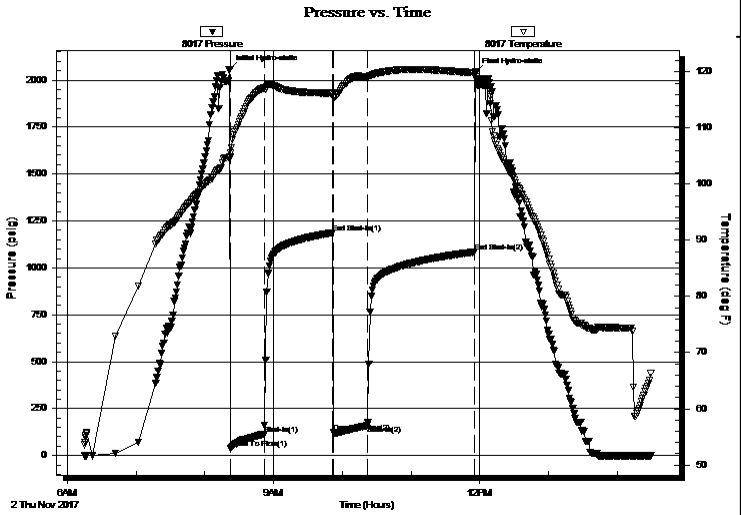
Reference Elevations: 2774.00 ft (KB)
2769.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8017 **Outside**

Press@RunDepth: 159.63 psig @ 4069.00 ft (KB)
Start Date: 2017.11.02 End Date: 2017.11.02
Start Time: 06:15:05 End Time: 14:29:29

Capacity: 8000.00 psig
Last Calib.: 2017.11.02
Time On Btm: 2017.11.02 @ 08:21:45
Time Off Btm: 2017.11.02 @ 11:56:00

TEST COMMENT: 30 - IF: Blow built to BOB (11") at 10 1/4 min.
60 - ISI: Blow back built to 3"
30 - FF: Blow built to BOB at 10 min.w
90 - FSI: Blow back built to 6"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2057.18	104.79	Initial Hydro-static
1	37.62	105.52	Open To Flow (1)
30	114.62	117.15	Shut-In(1)
90	1186.17	116.20	End Shut-In(1)
91	121.42	115.35	Open To Flow (2)
121	159.63	118.97	Shut-In(2)
214	1084.15	119.82	End Shut-In(2)
215	2042.40	119.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
195.00	GMO 43%o, 31%m, 26%g	1.10
205.00	CGO 70%o, 28%g, 2%m	2.88
0.00	GIP = 475'	0.00

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Suemaur Exploration & Production LLC

529 N. Carancahua STE 1100
Corpus Christi, TX 78401

ATTN: Bob Petersen

32/6s/28w Sheridan KS

Godfrey #1-32

Job Ticket: 63324 **DST#: 4**

Test Start: 2017.11.02 @ 06:15:00

GENERAL INFORMATION:

Formation: **LKC "J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:22:30
Time Test Ended: 14:29:30

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 76

Interval: 4068.00 ft (KB) To 4105.00 ft (KB) (TVD)
Total Depth: 4105.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

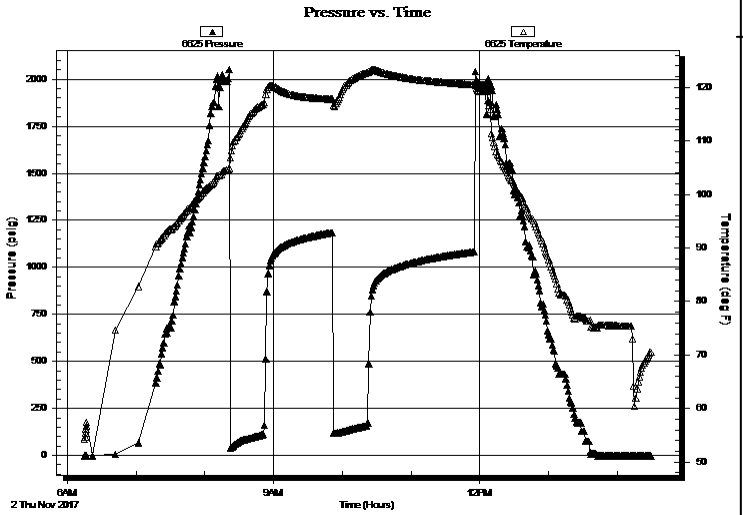
Reference Elevations: 2774.00 ft (KB)
2769.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6625 **Inside**

Press@RunDepth: psig @ 4069.00 ft (KB)
Start Date: 2017.11.02 End Date: 2017.11.02
Start Time: 06:15:05 End Time: 14:29:44

Capacity: 8000.00 psig
Last Calib.: 2017.11.02
Time On Btm:
Time Off Btm:

TEST COMMENT: 30 - IF: Blow built to BOB (11") at 10 1/4 min.
60 - ISI: Blow back built to 3"
30 - FF: Blow built to BOB at 10 min.w
90 - FSI: Blow back built to 6"



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
195.00	GMO 43%o, 31%m, 26%g	1.10
205.00	CGO 70%o, 28%g, 2%m	2.88
0.00	GIP = 475'	0.00

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Suemaur Exploration & Production LLC

529 N. Carancahua STE 1100
Corpus Christi, TX 78401

ATTN: Bob Petersen

32/6s/28w Sheridan KS

Godfrey #1-32

Job Ticket: 63324 **DST#: 4**

Test Start: 2017.11.02 @ 06:15:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	37 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	57.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.40 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1200.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
195.00	GMO 43%o, 31%m, 26%g	1.105
205.00	CGO 70%o, 28%g, 2%m	2.876
0.00	GIP = 475'	0.000

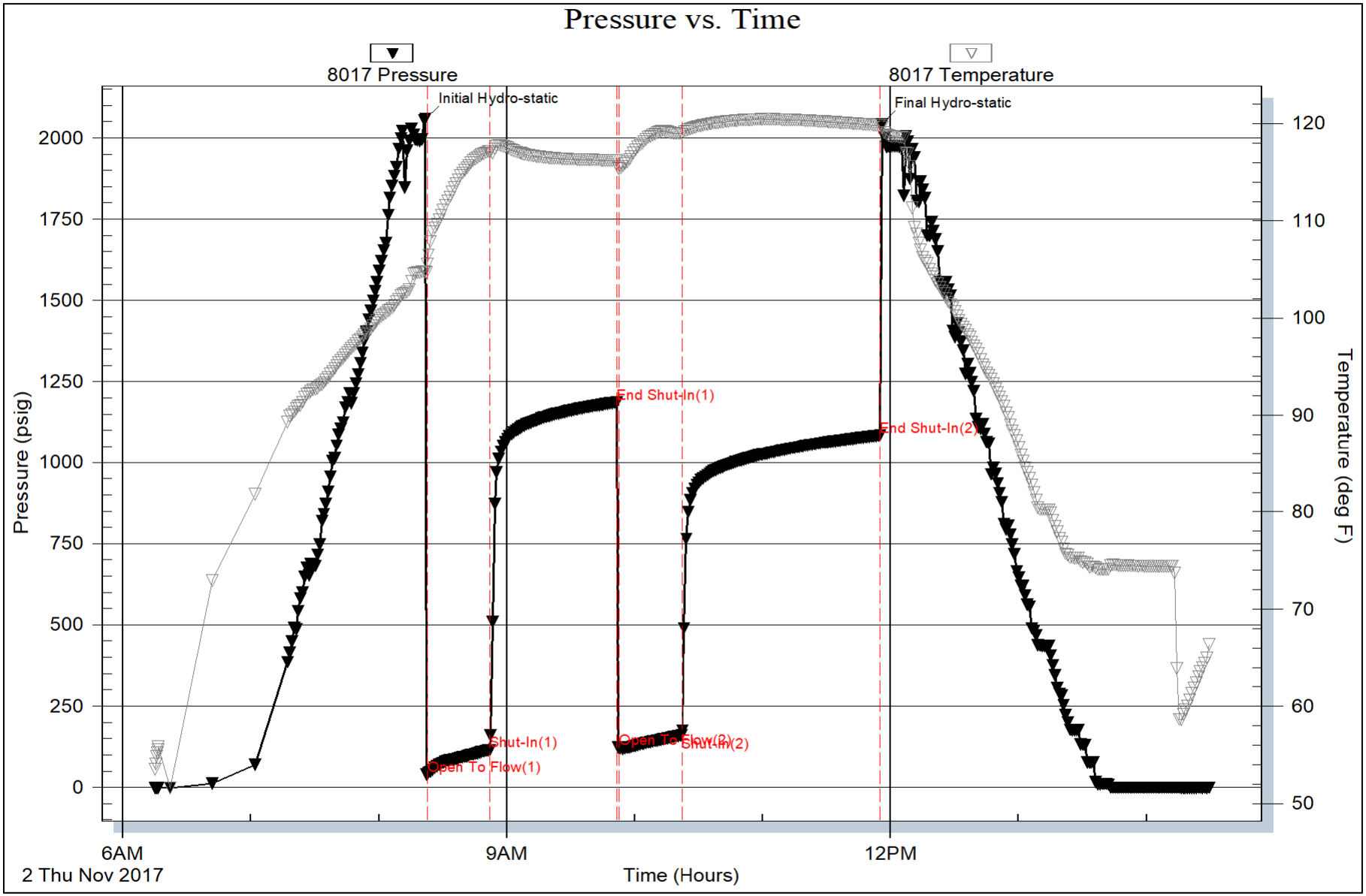
Total Length: 400.00 ft Total Volume: 3.981 bbl

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

Laboratory Name: Laboratory Location:

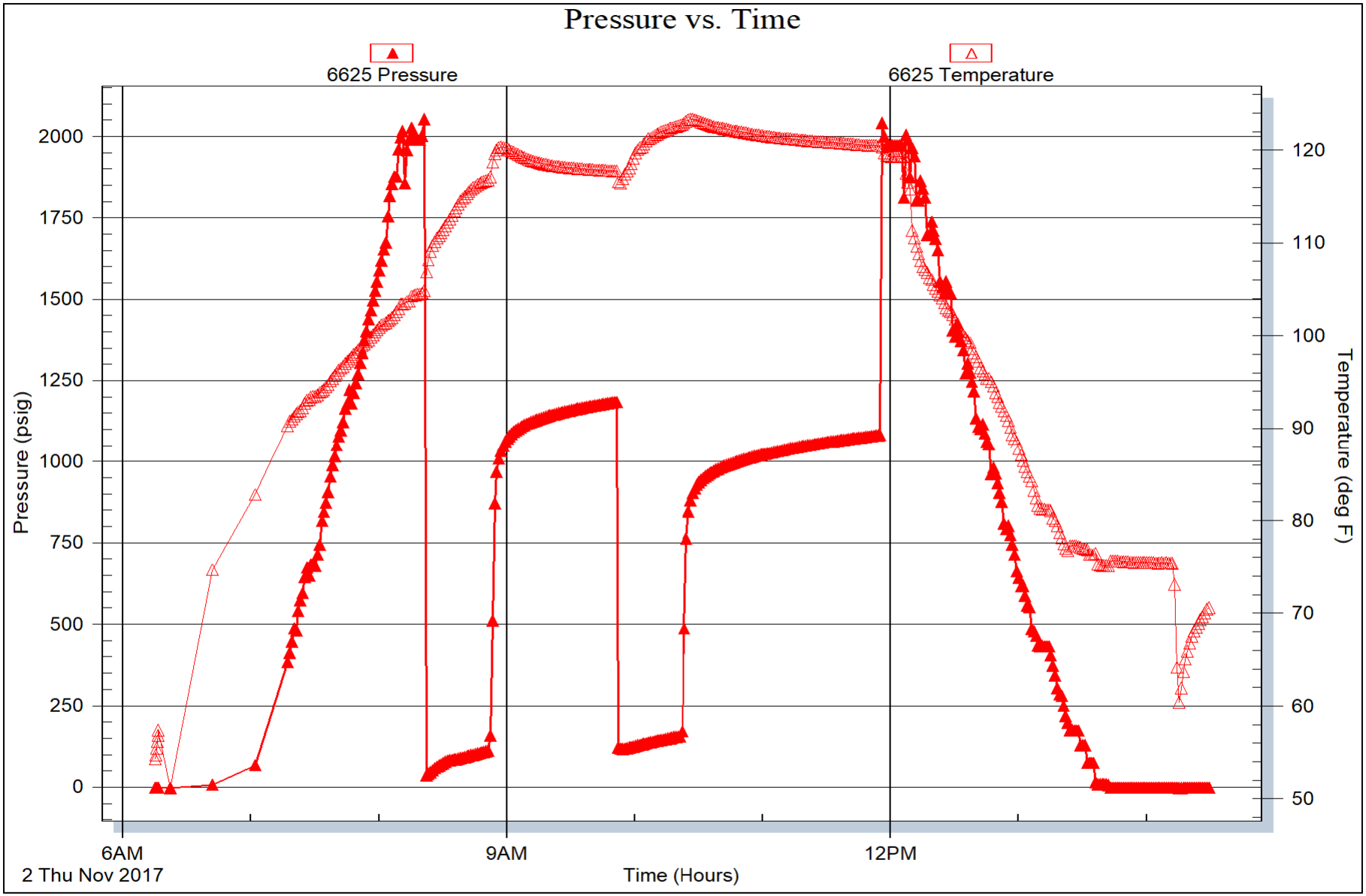
Recovery Comments: Gravity = 37 api @ 60 deg F

Serial #: 8017 **Outside** Suemaur Exploration & Production LLC Godfrey #1-32 DST Test Number: 4



Trilobite Testing, Inc Ref. No: 63324 Printed: 2017.11.02 @ 15:16:18

Serial #: 6625 **Inside** Suemaur Exploration & Production LLC Godfrey #1-32 DST Test Number: 4



Trilobite Testing, Inc Ref. No: 63324 Printed: 2017.11.02 @ 15:16:18

SUEMAUR EXPLORATION & PRODUCTION, LLC
API # 15-179-21438-00-00
GODFREY #1-32
529' FNL & 351' FWL
SE NW NW NW
SEC 32 TWP 6S RGE 28W
SHERIDAN COUNTY, KANSAS
ELEV KB: 2774'
ELEV GL: 2769'
RTD: 4550'
SPUD: 10-26-2017
RTD: 11-03-17

SAMPLE DESCRIPTION

SH; Red/SD; Clear, calc + Dolo; Lt gray (3360)

LS; Cream/gray, fine crystalline to dense, fossil-mottle, cherty + SD; Red, silty, hard (3370)

LS; Gray/cream, fine crystalline to dense, foss, sl dolo + SH; Gray (3380)

LS; Gray/dark gray, fine crystalline, mottled, sl dolo, cher-tan/orange (3390)

LS; Cream/gray, mottled,very foss, dense, trace dead stain + SH; Dark gray (3400)

LS; Brown/gray, dense, foss, cherty (white-blocky) SH; Brown/green-gray, silty (3410)

LS; Cream/gray, dense, foss, chalky, dolo, cherty (cream/ang-blocky) + SH; Gray (3420) + SH; Red/brown, sandy (3430)

LS: Cream/tan/gray, fine crystalline to dense, foss, mottled, chalky, cherty (angular) (3440)

LS; Cream/gray, mottle, dense, chalky w/gray shale inclusion (3450)

LS: Gray/dark gray, mottled, foss, dense, chalky + SH; Gray (3460)

LS; Brown, fine crystalline, dolo, chalky + SH; Dark gray (3470)

LS; Cream, fine crystalline, chalky, tr dead stain + SD; Gray, fine grained, angular, friable (3480-3490) + SH; Dark gray (3500)

LS; Cream/gray, fine crystalline to dense, chalk + SD; Gray, very fine grained, friable /coarse loase + SH; Red, sandy (3500/15-30")

Morgan Mud Check 3502'
Vis 69/Wt 8.7/WL 6.8/LCM 7#

SD; Gray/cream, very fine to fine grained, well-cemented + SH; Red/gray (3510-3520)

LS; Cream/lt gray, fine crystalline to dense, sandy, chalky + SD; Gray, very fine grained, silty + SH; Red/gray, sandy (3530)

LS; Cream/tan, dense, subchalky + LS; Cream/gray, sandy, chalky + SH; Red/gray (3540)

LS; Gray, dense, sandy + SH; Gray, blocky (3550)

SD; Gray/tan, very fine to fine grained, friable, silty/SH; Gray, sandy + LS; Tan dense, sl foss (3560-3570)

SH; Dark gray/black (3570)

LS; Cream/gray, dense, sandym sl foss + SH; Gray, sandy (3580)

LS; Gray, dense, foss, sl chalky + LS; Cream, fine crystalline, foss, subgran + SH; Black (3588)

LS; Cream/gray, fine crsytalline, foss, mottled in part, sl cherty w/tr ppt dead stain (3588/15")+ SD; Gray, well-cemented, silty (3588/30")

LS; Cream, fine crystalline, foss/ool, granm chalky (3600)

LS; Cream/tan/gray, fine crystalline, dense, foss (3610) + SH; Gray, sandy (3620)

LS; Cream, fine crystalline, foss/ool, granular + LS, Gray, dense (3630)

LS; Cream/tan, fine crystalloine, foss, dolo (3640)

LS; Cream/tan, fine crystallinem foss, gran, w/tr poor moldic por, tr dead stain (3650)

LS; Cream/tan, fine crystalline, foss-granular, chalky (3660)

LS; Cream/lt gray, fine crystalline, ool/foss, sl dolo (3670)

LS; Cream/tan, very fine crystalline, sl dolo, sl cherty + SH; Gray (3680)

LS:Tan/lt gray, very fine crystalline to dense, sl dolo + SH; Red, sandy (3690)

LS; Cream, fine crystalline, ool-granualr, chalky (3700)

LS; Cream, fine crystalline, ool-granular, chalky w/chert inclusions + LS; Tan, dense + SH; Maroon, sandy (3710)

LS; Cream/gray, fine crystalline to dense, foss, dolo, cherty w/tr poor moldic por, trace dead stain (3720)

LS; Cream, fine crystalline to dense, foss, sl dolo, chalky (white-soft) + SH; Red (3730)

LS; Cream/lt gray, fine crystalline, foss, chalky (soft), sl glauc w/red shale impurity (3740)

SH; Red, sandy, + LS; Cream/lt gray, fine to med crystalline, foss, chalky, sl cherty (3750)

LS; Cream, fine crystalline, foss, chalky (softP + SH; Red, silty (3760)

LS; Cream, fine crystalline, foss, chalky (soft) w/trace black shale (3770-3780)

LS: Cream/tan, fine crystalline, very chalky (soft) (3790)

LS; Cream, fine crystalline to dense + SH; Gray (3800)

LS: Cream/lt gray, fine crystalline to dense, sl foss, chalky + SH; Bluish-gray (3810)

SH; Black + LS; Cream/gray, fine crystalline, foss, chalky (3820)

LS; Gray/cream, fine crystalline, foss, chalky (3830)

LS; Cream, fine crystalline, chalky +SD; Gray, fine grainedm well-cem + SH; Red (3840)

SH; Red, silty (3850)

LS; Cream/lt gray, fine crystalline, foss, chalky, trace dead stain (black) (3850)

LS; Cream/lt gray, very fine crystalline, sl foss (3850/15-30")

LS; Tan, dense, foss (3860)
SH; Black (trace 3860)
LS; Cream/tan, fine crystalline, sl foss, chalky + SH; Gray (3870)

LS; Cream/lt gray, fine crystalline to dense, foss, chalky, sl dolo (3880)

LS; Cream, fine crystalline, foss w/tr poor moldic por, two pieces in tray w/spot dead stain (black), nsfo, no odor (3880/20")
(poor sample 3890)

DST #1
3926 to 3948'
45-60-45-90 min.
IF: Blow built to BOB at 19 1/4 min.
ISI: No blow back
FF: Blow built to BOB at 23 1/2 min.
FSI: No blow back
Recovered:
300' MCW 94%w/6%m
220' MW 60%w/ 40%m
SIP: 1231-1221#
FP: 25-164/163/243#
HP: 1934-1915#
BHT: 117F
Chl: 68,000 ppm

LS; Cream/lt gray, fine crystalline, foss, chalky, cherty (3900)

SH; Black (flood 3910)

LS; Tan/brown, dense, sl foss, hard (3910)

SH; Bluish-gray sandy + SH; Red, silty (3920)

Morgan Mud Check 3910
Vis 52/Wt 9.0/WL 6.8/LCM 8#

SH; Red, sandy (3930)

DST #2
3950 to 3970'
45-60-15-90 min.
IF: Blow built to BOB at 21 1/2 min.
ISI: No blow back
FF: Blow built to 6"
FSI: Weak surf. blow back
Recovered:
365' MCW 75%w/25%m
SIP: 1180-1210#
FP: 20-146/151/175#
HP: 1945-1908#
BHT: 118F
Chl: 58,000 ppm

LS; Cream, fine crystalline, chalky (3930)

LS; Gray, fine crystaline, foss, shaley in part (red) (393/20")

SH; Red/gray, silty-sandy (3930/40"-3940)

LS: Cream/white, fine crystalline, ool-granular, w/poor moldic/intergranular por, tarry black stain, vssfo, faint odor, patchy dark brown stain on dry (3948)
LS: Cream/white, fine crystalline, ool/foss, very chalky, w/trace dead flakey oil (black) + LS; Cream/gray, dense, sl foss (3948/20")
LS; Cream, fine crystalline to dense, chalky, cherty (orange-angular) + SH; Red/gray (3948/40")

LS; Cream, fine crystalline, chalky (3960)
SH; Black + SH; Red, sandy + LS: Cream, fine crystalline, foss, chalky (3968)
SH; Maroon, sandy (3968/20")

Morgan Mud Check 3968'
Vis 60/Wt 9.0/WL 6.0/LCM 8#

DST #3
3988 to 3994'
30-45-30-60 min.
IF: 1/4" Blow at open, built slightly, died back to surface blow
ISI: No blow back
FF: No blow
FSI: No blow back
Recovered:
2' Mud
SIP: 25-27#
FP: 17-19/18-19#
HP: 1980-1967#
BHT: 111F

LS; Cream/lt gray, fine crystalline, foss/ool, chalky w/fair to good moldic por, sfo (black), fair odor, dark brown sat on dry (3968/40-60")
trace blue/gray shale (3968/60")
SH; Red,silty + LS; Cream, fine crystalline, foss, chalky (3970/ 40-60")
LS: Cream/white, fine crystalline, foss, chalky, dolomitic,tr pyrite, cherty (cream/blocky/sl foss)(3976/20-40")very chalky (3985)
LS: Cream/lt gray, fine crystalline, foss, very chalky, cherty (3994) decrease chert (3994/20")

Morgan Mud Check 3994'
Vis 54/Wt 9.2/WL 6.4/LCM 8#

SH; Dark gray/red (3994/20")
LS; Lt gray, fine to coarse crystalline, ool/foss, w/fair moldic & intercrystalline por, ssfo (dark brown-heavy), odor, med -brown patchy sat on dry (tr 3994/20" incr 3994/40")LS; Lt gray, fine crystalline, foss, chalky (3994/60")SH: Green-gray (4005/poor sample- 4005/20")
LS: Crm, fineto coarse crys/ dns, ool-granular, cherty, chalky, sl dolo, sl shaley (red) w/red shale discoloration, slight edge stain on dry, + SH; Red/Brown, silty-sandy (4005/20")
LS; Crm/tan, fine to coarse crys-dns, foss (reworked frag), subgran to gran, w/trace (1-2pc) of poor ppt por, w/vssfo (crushed sample) (4005/40-60")
LS; Crm/lt gray, fine crys to dns, foss, chalky, sl shaley (red) w/shale discoloration + SH; Red/gray (4010/40")(4020)
LS: Crm, fine crys, foss, shaley in part + SH; Red (4022/20") LS; Crm, fine crys, sl dolo, foss/ool in part, tr poor moldic por (1 pc) crushed sample w/vssfo- ppt droplet (4022/40") LS; Tan, fine cryst to dns, foss, chalky, cherty (4022/60")

LS; Crm/tan, fine crys, foss, chalky, tr moldic por, nso, lt gray stain on dry + SH; Red-brn (4028/20"), trace vug por, nso (4028/40") LS; Cream/white, fine crys,dolo, chalky(4028/60")
LS; Crm.lt gray, fine to cse crys, foss-subgran, chalky, cherty + SH; Blue-gray, silty (4032/20") decrease blue-gray shale (4032/40-60")
LS; Cream/white, fine crystalline to dense, chalky, very cherty(foss-ang)(4037/30") +SH; Dark gray/maroon (4037/45")

SH; Black/maroon (4050)
LS' Brown, dense, foss (4060)

SH; Gray, sandy (4060)

DST #4
4068-4105'
30-60-30-90 min.
IF: B.O.B. in 10¾ min
ICIP: 3" Return blow
FF: B.O.B. in 10 min
FCIP: 6" Return blow
Recovered:
475' Gas in pipe
195' Gassy Muddy oil (43% oil, 31%mud, 26%gas)
205' Gas cut mud (70% oil, 28%gas, 2%m)
SIP: 1186-1084#
FP: 38-115/160-120#
HP: 2057-2042
BHT: 120F
Oil Grav.: 37 API

SH; Maroon, sandy (4070)

LS: Cream/tan, fine crystalline to dense, foss, chalky (4070)

LS; Cream/lt gray, fine crystalline, foss, chalky, chert inclusions (4073/20")
LS; Cream/brown, dense, hard, foss, chalky, cherty (4073/40")
SH; Black (4080)

LS; Gray, dense + SH; Red, sandy (4080)

SH; Red, sandy + LS; Cream, dense, chalky (4090)

LS; Lt gray, dense w/coarse crystalline, foss-granular w/fair to good moldic por, sfo, odor, dark brown full sat on dry (4100-4105)
LS; Cream/lt gray, fine crystalline, foss, chalky w/tr poor moldic por, ssfo (4105-4105/20") + tr SH; Gray (4105/40")

Switched to PDC bit @4105'

SH; Maroon sandy + SH; Dark gray (4120)

Morgan Mud Check 4105'
Vis 57/Wt 9.2/WL 6.4/LCM 8#

SH; Red, sandy (4130)

LS; Cream/gray, fine crystalline, foss, gran, chalky, tr por moldic por, tr stain (dark brown) (4132/20")
SH; Black (4140)
SH; Maroon, silty-sandy (4140)

SH; Red/gray, sandy (4150)

LS; Cream/tan, fine crystalline, ool/foss, gran, tr poor moldic por, vssfo (4150)

LS; Lt gray, dense, foss, chalky (4155)
LS; Cream/gray fine crystalline ot dense, foss, chalky (4155-4155/20')
LS; Gray, dense, foss, blocky (4150/40")
SH; Red/gray, silty, (4160-4170)

SD; Red, silty-sandy (4180)

LS; Cream, dense, sl fos (4180)

SH; Gray/red, sandy + SD; Red/maroon, fine grained, silty-shaley (4190)

SH; Red/gray, green,silty-sandy + LS: Lt gray/cream, dense, foss + SD; Red, fine grained, angular (4200-4210)

LS; Cream/lt gray, dense, foss (4220-4230)

SH; Red/gray, silty-sandy (4230)

SH; Red/gray, sandy + SD; Lt gray, very fine grained + LS; Cream/tan, dense (4240)

SH; Red/gray, sandy + SD; Gray, very fine grained, calc + LS; Tan/dense, cherty (4250

SH; Reddish-brown, sandy + LS; Lt gray, dense, hard (4260)

SH; Red/gray, sandy + LS; Gray, dense, sandy, chalky (4270)

LS: Cream, dense, sl foss, chalky, trace poor moldic por, vssfo + LS: Gray, dense, arg, chalky + SH; Red (4270/ 20") + SD; Gray, fine grained (4270/40")
LS; Cream/gray, dense, arg, chalky + SH; Gray (4270/60")
LS: Cream, fine crystalline to dense, arg , LS; Gray, dense, sl chalky (4280)
LS; Gray, dense, arg, sl chalky + SH; Red (4290)

LS; Gray, dense, chalky, arg, sdy (4300)

SH; Gray + SH;Black + SH/ Maroon (4310-4320)

LS; Cream fine crystalline, foss, gran, chalky, moldic por, nso (4320)

SH; Black/gray (4330)
SH; Gray + LS; Cream, fine crystalline, foss, chalky + LS; Tan, dense (4340)

SH; Gray, + LS: Gray, arg, chalky (4344/15")

SH; Black (4344/15") (flood 4350)

LS; Gray, dense, sandy + SH; Gray, sandy (4350-4360)

LS; Cream/tan, fine crystalline, sl foss, cherty w/trace poor moldic por w/vssfo (4370)
SH; Dark gray (4376/15")

LS; Cream/lt gray, fine crystalline to dense, foss, chalky + SH; Gray, silty (4375/15')

LS: Cream, fine crystalline, foss, chalky, sl cherty + LS; Tan, dense,blocky + SH; Gray, blocky, trace SD; Clear, ang, friable (4375/30")

LS; Cream/tan, fine crystalline, foss (4380)

SH; Red/maroon/green + LS; Cream/tan, fine crystalline to dense,foss (4390-4400)

SH; Red/green, sandy + SD; Red, fine grained, friable + LS; Cream/tan/gray, dense, foss (4410-4420)

LS; Cream, dense, foss + Chert; Tan + SH; Red/green, trace SH; Black, hard, tr SS; Clear/white, ang, hard (4430)

LS; Cream, fine crystalline, foss, sandy in part+ LS; Tan, dense, +SD; Clear, fine to coarse, trace of mustard yellow shale(4440)

SH; Red, sandy + SD; Clear, coarse, wr-ang + LS: Cream/tan/gray, dense, hard (4450)

SD; Red (shale impurity)/gray, fine to med, ang, poorly sorted, friable to well cem (4460-4460/15")

SS; White, fine graine, subangular, hard + SH; Mustard yellowm blocky, trace Chert, gray (4460/30")

Chert; Cream/tan/orange, angular + LS; White, dolo, fine crystalline (4460/45")

Chert; White, blocky + LS, Lt gray, dolo, fine crystalline + SH; Red (4470-90)

Chert; White/tan, sl trip, blocky (4500) (flood 4510)

Chert; White/tan, sl trip, blocky + Chert; White/transluc, blocky, trace LS, Gray, dense, blocky, trace SH; Black (4520)

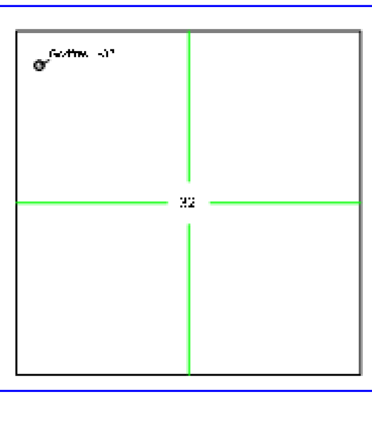
Dol; Cream, med crystalline + Chert, white, sharp (4530)

LS; Cream, fine crystalline, dolo + Chert, white, blocky (4540)

LS; Cream, fine to med crystallinem dolo, very chalky (soft), tr Dolo, gray, med crystalline (4550) + SH; Black (4550/30")

LS; Cream, dolo, very chalky w/trace red shale discoloration + SH; Red (4550/45")

SUEMAUR EXPLORATION & PRODUCTION, LLC
API # 15-179-21438-00-00
GODFREY #1-32
529' FNL & 351' FWL
SE NW NW NW
SEC 32 TWP 6S RGE 28W
SHERIDAN COUNTY, KANSAS
ELEV KB: 2774'
ELEV GL: 2769'
SPUD: 10-26-2017



Customer Name SUEMAUR EXPLORATION
Well Name GODFREY 1-32
Job Type Plug & Abandon

District Liberal
Supervisor ALDO ESPINOZA
Engineer LENNY BAEZA

Seq No.	Start Date/Time	Category	Event	Equipment	Event ID	Density (lb/gal)	Pump Rate (bpm)	Pump Vol (bbls)	Pipe Pressure (psi)	Comments
1	11/4/2017 14:00	Mobilization	Arrive on Location	Cement Pump Truck	48					ON LOCATION, SPOT TRUCKS
2	230PM	Operational	Rig Up	Cement Pump Truck	50					RIG UP
3	245PM	Operational	Safety Meeting		53					SAFETY MEETING
4	255PM		1ST PLUG			13.8	3	52.7	100	1ST PLUG @ 2550FT 50 SK, 10 BBL WATER , 12.7 BBL SLURRY @ 13.8# FALLOWED BY 2 BBL WATER, AND 28 BBL MUD
5	312PM									RIG CREW LAY DOWN PIPE
6										
7	340PM		2ND PLUG			13.8	3	42.9	90	2ND PLUG @ 1700 FT 100 SK, 25.4 BBL SLURRY AND 17.5 BBL DISPLACEMENT
8	355PM									RIG CREW LAY DOWN PIPE
9										
10	432PM		3RD PLUG			13.8	3	14.4	50	3RD PLUG @ 350 FT, 50SK, 12.7 BBL SLURRY @ 13.8# 1.7 BBL DISPLACEMENT
11										LAY DOWN PIPE
12										
13	530PM		4TH PLUG			13.8	2	2.5	20	4TH PLUG FROM 40 FT TO SURFACE, 10 SK, 2.5 BBL SLURRY @ 13.8#
14										
15	540PM		RAT & MOUSE PLUG			13.8	2	11.4	0	RAT & MOUSE HOLES, 45 SK, 11.4 BBL SLURRY @ 13.8#
16										
17	550PM		WASH							WASH PIMPING LINES TO PIT
18	600PM		RIG DOWN		73					RIG DOWN
19	700PM									LEAVE LOCATION
20										THANKS
21										
22										
23										

Customer:	SUEMAUR EXPLORATION
Date:	Saturday, November 04, 2017
Well Name:	GODFREY # 1-32
Well Location:	HOXIE
Supervisor:	Aldo Espinosa

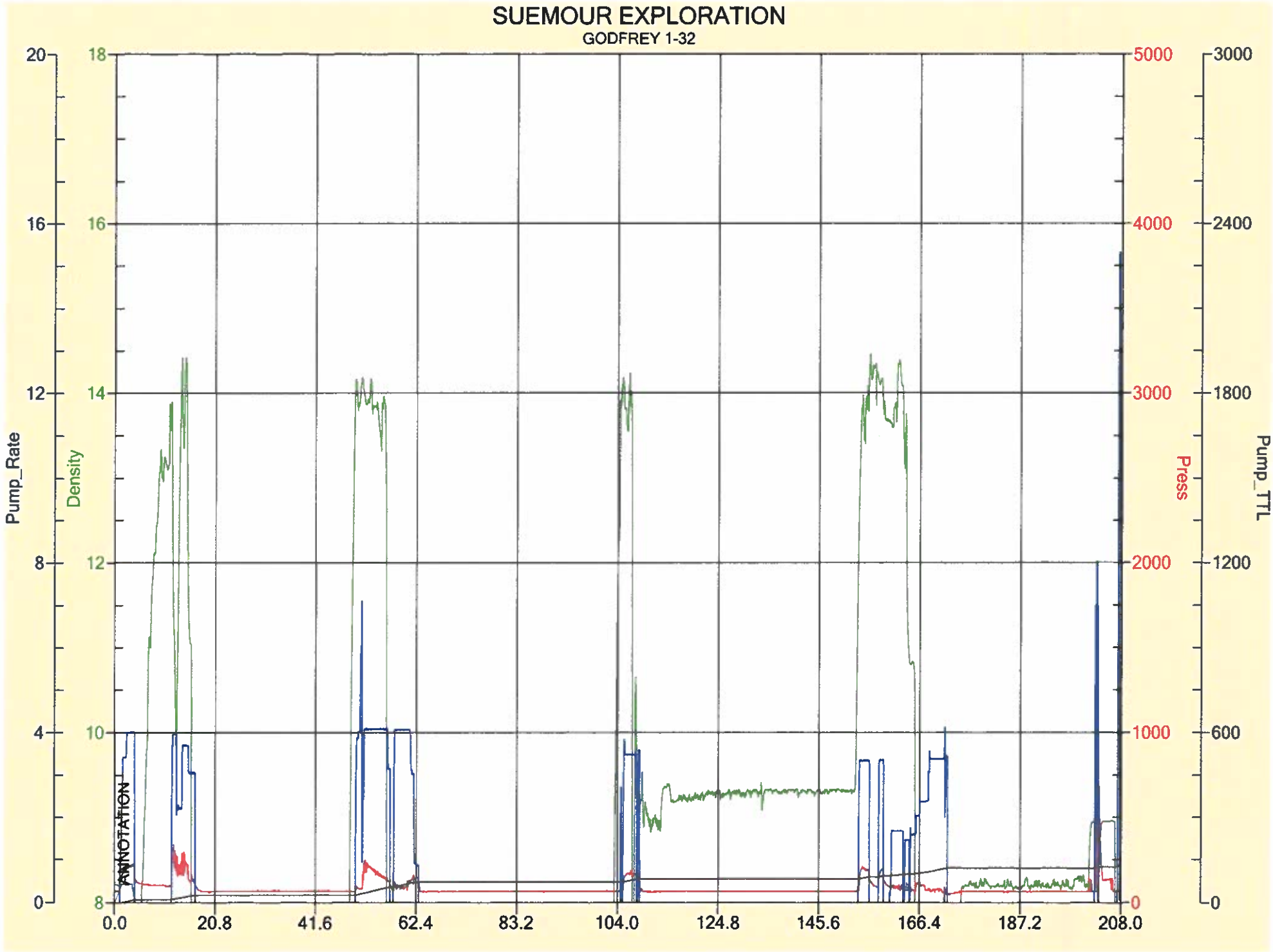
Equipment Operators: ALDO ESPINOZA - CRISTIAN CAMACHO - GERARDO BURCIAGA

Performance	Customer	
Was the appearance of the personnel and equipment satisfactory?	Yes	No
Was the job performed in a professional manner?	Yes	No
Were the calculations prepared and explained properly?	Yes	No
Were the correct services dispatched to the job site?	Yes	No
Were the services performed as requested?	Yes	No
Did the job site environment remain unchanged?	Yes	No
Did the equipment perform in the manner expected?	Yes	No
Did the materials meet your expectations?	Yes	No
Was the crew prepared for the job?	Yes	No
Was the crew prompt in the rig-up and actual job?	Yes	No
Were reasonable recommendations given, as requested?	Yes	No
Did the crew perform safely?	Yes	No
Was the job performed to your satisfaction?	Yes	No

Customer Signature:

Date:

Additional Comments:


SUEMOUR EXPLORATION
GODFREY 1-32
Pump_Rate
Density
Press
Pump_TTL
ANNOTATION
20
16
12
8
4
0
18
16
14
12
10
8
5000
4000
3000
2000
1000
0
3000
2400
1800
1200
600
0
0.0
20.8
41.6
62.4
83.2
104.0
124.8
145.6
166.4
187.2
208.0

CEMENT MIXING WATER GUIDELINES

Company Name: **SUEMAUR EXPLORATION**

Lease Name: **GODFREY # 1-32**

County: **SHERIDAN** State: **KS**

Water Source: **TANK**

Submitted By: _____ Date: **11/4/2017**

pH Level	7	Must be less than 8.5
Sulfates	400	Must be less than 1,000 PPM
Chlorides	0	Must be less than 3,000 PPM
Temperature	64	

COMMENTS

Customer Signature _____

Thank You

Customer Name SUEMAUR EXPLORATON
Well Name GODFREY 1-32
Job Type Surface

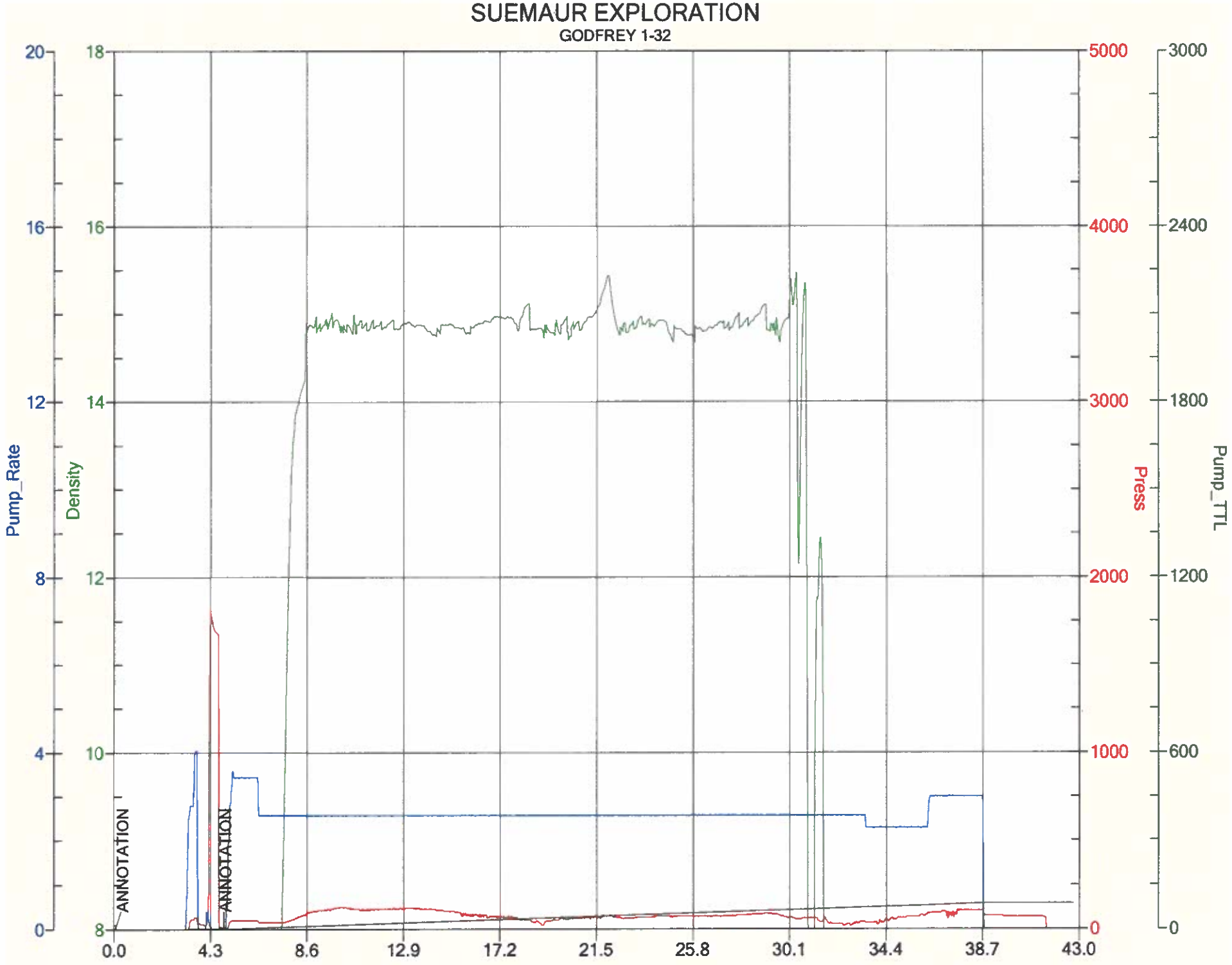
District Liberal
Supervisor ALDO ESPINOZA
Engineer

Seq No.	Start Date/Time	Category	Event	Equipment	Event ID	Density (lb/gal)	Pump Rate (bpm)	Pump Vol (bbls)	Pipe Pressure (psi)	Comments
1	10/26/2017 17:30	Mobilization	Arrive on Location	Cement Pump Truck	48					ON LOCATION
2	600PM	Operational	Rig Up		50					RIG UP
3	926PM									CASING ON BOTTOM
4	930PM									RIG UP SUEDGE, BRAKE CIRCULATION
5	940PM		SAFETY MEETING		53	8.34	0.2		2000	SAFETY MEETING, PRESSURE TEST LINES
6	957PM		SPACER			8.34	3	5		5 BBL WATER SPACER
7	959PM		SLURRY			14.8	3	65		275 SK/65 BBL SLURRY AT 14.8 #
8	1027PM		DISPLACEMENT			8.34	3			START DISPLACING
9						8.34	3	17.5		17.5 BBL WATER DISPLACEMENT
10										LEAVE 20 FT OF CEMENT ON PIPE 20 bbl's cement returns
11	1032PM									SHUT IT IN
12	1040PM		RIG DOWN		73					RIG DOWN
13										LEAVE 8 5/8 SWEDGE AND 2" VALVE ON CASING TO HOLD CEMENT
14	1140PM		CLEAR LOCATION							LEAVE LOCATION
15										THANKS
16										
17										
18										
19										

Customer:	Suemaur Exploration & Production, LLC
Date:	Thursday, October 26, 2017
Well Name:	Godfrey # 1-32
Well Location:	Hoxie Ks
Supervisor:	Aldo Espinoza

Equipment Operators: Cristian Camacho, Gerardo Burciaga

Performance	Customer	
Was the appearance of the personnel and equipment satisfactory?	Yes	No
Was the job performed in a professional manner?	Yes	No
Were the calculations prepared and explained properly?	Yes	No
Were the correct services dispatched to the job site?	Yes	No
Were the services performed as requested?	Yes	No
Did the job site environment remain unchanged?	Yes	No
Did the equipment perform in the manner expected?	Yes	No
Did the materials meet your expectations?	Yes	No
Was the crew prepared for the job?	Yes	No
Was the crew prompt in the rig-up and actual job?	Yes	No
Were reasonable recommendations given, as requested?	Yes	No
Did the crew perform safely?	Yes	No
Was the job performed to your satisfaction?	Yes	No
Customer Signature: Date:		
Additional Comments:		


SUEMAUR EXPLORATION
GODFREY 1-32
Pump_Rate
Density
Press
Pump_TTL
20
16
12
8
4
0
18
16
14
12
10
8
5000
4000
3000
2000
1000
0
3000
2400
1800
1200
600
0
ANNOTATION
ANNOTATION
0.0
4.3
8.6
12.9
17.2
21.5
25.8
30.1
34.4
38.7
43.0

CEMENT MIXING WATER GUIDELINES

Company Name: **Suemaur Exploration & Production, LLC**

Lease Name: **Godfrey # 1-32**

County: **Sheridan** State: **KS**

Water Source: **TANK**

Submitted By: **Aldo Espinoza** Date: **10/26/2017**

pH Level	7	Must be less than 8.5
Sulfates	400	Must be less than 1,000 PPM
Chlorides	0	Must be less than 3,000 PPM
Temperature	64	

COMMENTS

Customer Signature

Thank You