

Confidentiality Requested:

Yes No

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

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

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

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

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

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

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

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Suemaur Exploration & Production, LLC
Well Name	SPRESSER 2-26
Doc ID	1326798

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	3	300 gal 15% HCL	3839-42
4	4	250 gal 15% HCL	3866-70
4	6	300 gal 15% HCL	3920-26
4	3	300 gal 15% HCL	3962-65



ALLIED OFS, LLC

Federal Tax I.D. #81-2169190

08700

REMIT TO: Allied OFS, LLC
P.O. Box 205803
Dallas, TX 75320-5803

SERVICE POINT:
DAWLEY

DATE <u>11-4-16</u>	SEC <u>2C</u>	TWP. <u>6S</u>	RANGE <u>28W</u>	CALLED OUT	ON LOCATION <u>7:30pm</u>	JOB START <u>7:00AM</u>	JOB FINISH <u>8:30AM</u>
LEASE <u>5 Presser</u>	WELL# <u>2-2C</u>	LOCATION <u>Hoxie 8N 1E 2N 1/2E</u>	COUNTY <u>Sherman</u>	STATE <u>TX</u>			
OLD OR <u>NEW</u> (Circle one)			INFO				

CONTRACTOR <u>Murfin 7</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Production</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4400'</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>4400'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>DV</u>	DEPTH <u>2420'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>44.05</u>
CEMENT LEFT IN CSG. <u>44.05</u>	
PERFS.	
DISPLACEMENT	

EQUIPMENT

PUMP TRUCK # <u>491</u>	CEMENTER <u>Andrew Forslund</u>
# <u>281</u>	HELPER <u>Waxne</u>
BULK TRUCK # <u>891</u>	DRIVER <u>Jade Mitten</u>
BULK TRUCK # <u>323</u>	DRIVER <u>Cory Brown</u>

REMARKS:

Pump 20BBL Hivis sweep 20 BBL mud clean
mix 155 shs asc wash pump and line clean
Release Plug and Displace 900' Lift 1300
Land Plug float held open DV 800' plug
man-hole is shs Rothole 300 shs mix 45 shs
down 5/2 casing, wash pump and line clean Release
Plug and Displace 900' Lift 2500' Land Plug
Tub closed circulated sand to pit
Thank you

CHARGE TO: Sherman Exploration
STREET _____
CITY _____ STATE _____ ZIP _____

To: Allied OFS, 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.

PRINTED NAME _____
SIGNATURE [Signature]

THILL FIGHTING CO., INC. - GREAT BEND, KS.

CEMENT <u>20 BBL Hivis sweep & clean</u>		
AMOUNT ORDERED <u>155 shs asc 1/2" neck 5:50</u>		
<u>675 shs 5" col seal, 8 1/2" fluid loss, 14" deframer</u>		
<u>420 shs 4 1/2" gel, 25" flo seal</u>		
COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC <u>155 shs</u>	@	<u>23.50 3642.50</u>
<u>Line 420 shs</u>	@	<u>19.88 9144.80</u>
<u>Hivis sweep 20 BBL</u>	@	<u>25.00 500.00</u>
<u>mud clean 20 BBL</u>	@	<u>41.09 821.80</u>
<u>col-seal 725 #</u>	@	<u>2.98 259.50</u>
<u>fluid loss 117 #</u>	@	<u>23.10 2702.70</u>
<u>Deframer 22 #</u>	@	<u>3.50 77.00</u>
<u>Flo-seal 115 #</u>	@	<u>2.97 341.55</u>
TOTAL		<u>17989.85</u>
DISCOUNT 50%		<u>8994.92</u>

SERVICE

HANDLING <u>705 cu/ft</u>	@	<u>2.48 1748.40</u>
MILEAGE <u>2.25 ton/mile 30 ton</u>		<u>290.00</u>
DEPTH OF JOB <u>Additional stage</u>		<u>2406.25</u>
PUMP TRUCK CHARGE		<u>225.25</u>
EXTRA FOOTAGE	@	
HV MILEAGE <u>40 miles</u>	@	<u>2.70 308.00</u>
LV MILEAGE <u>40 miles</u>	@	<u>4.90 126.00</u>
<u>Head + manifold</u>	@	<u>225.00</u>
<u>stands by pump</u>	@	<u>5000.00</u>
TOTAL		<u>15979.40</u>
DISCOUNT 50%		<u>7989.70</u>

PLUG & FLOAT EQUIPMENT

<u>5/2</u>		
<u>1 AFy float shoe</u>	@	<u>545.00</u>
<u>1 catch down plug Assy</u>	@	<u>660.00</u>
<u>1 stage collar</u>	@	<u>5335.00 408</u>
<u>1 Thread Lock</u>	@	<u>85.00</u>
<u>2 Baskets</u>	@	<u>395.00 790.00</u>
<u>42 Centralizers</u>		<u>57.00 2394.00</u>
TOTAL		<u>7809.00</u>
DISCOUNT 50%		<u>4371.00</u>

SALES TAX (If Any) _____
TOTAL CHARGES 43711.25
DISCOUNT 21355.62 IF PAID IN 30 DAYS
NET TOTAL 22422.63 IF PAID IN 30 DAYS



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Suemar Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63457

DST#: 1

ATTN: Bob Peterson

Test Start: 2016.10.30 @ 09:48:00

GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:05:00

Time Test Ended: 17:18:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 3743.00 ft (KB) To 3765.00 ft (KB) (TVD)

Reference Elevations: 2683.00 ft (KB)

Total Depth: 3765.00 ft (KB) (TVD)

2678.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8365

Inside

Press@RunDepth: 207.60 psig @ 3553.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.30

End Date:

2016.10.30

Last Calib.:

2016.10.30

Start Time: 09:48:05

End Time:

17:17:59

Time On Btm:

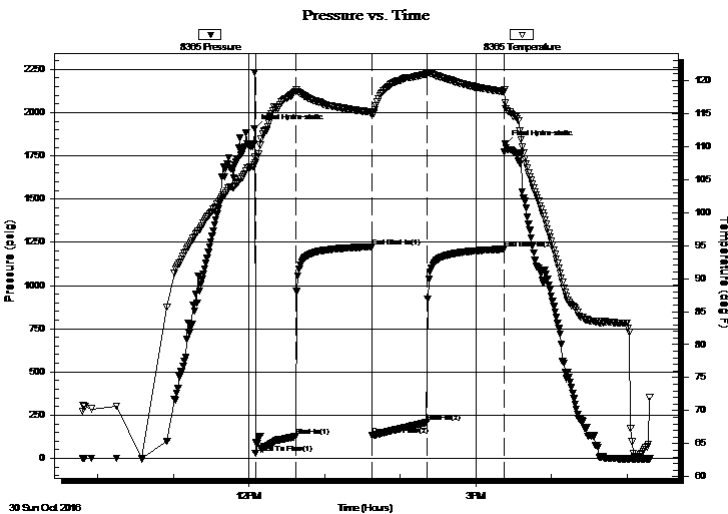
2016.10.30 @ 12:04:15

Time Off Btm:

2016.10.30 @ 15:23:15

TEST COMMENT: IF: 7" blow.
IS: No return.
FF: 9" blow.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1908.49	107.22	Initial Hydro-static
1	30.33	107.53	Open To Flow (1)
33	127.99	118.29	Shut-In(1)
93	1224.02	115.18	End Shut-In(1)
94	132.46	114.77	Open To Flow (2)
137	207.60	120.97	Shut-In(2)
199	1211.00	118.29	End Shut-In(2)
199	1816.97	116.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
355.00	somcw 1o10m 89w	3.28
20.00	oil 100o	0.28
0.00	80' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Suemar Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63457

DST#: 1

ATTN: Bob Peterson

Test Start: 2016.10.30 @ 09:48:00

Tool Information

Drill Pipe:	Length: 3361.00 ft	Diameter: 3.80 inches	Volume: 47.15 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 48.07 bbl</u>	Tool Chased 4.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3552.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3526.00	
Shut In Tool	5.00			3531.00	
Hydraulic tool	5.00			3536.00	
Jars	5.00			3541.00	
Safety Joint	2.00			3543.00	
Packer	5.00			3548.00	27.00 Bottom Of Top Packer
Packer	4.00			3552.00	
Stubb	1.00			3553.00	
Recorder	0.00	8365	Inside	3553.00	
Recorder	0.00	8845	Outside	3553.00	
Perforations	18.00			3571.00	
Bullnose	3.00			3574.00	22.00 Bottom Packers & Anchor

Total Tool Length: 49.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Suemar Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63457

DST#: 1

ATTN: Bob Peterson

Test Start: 2016.10.30 @ 09:48:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 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 bbbl
355.00	somcw 1o10m 89w	3.276
20.00	oil 100o	0.281
0.00	80' GIP	0.000

Total Length: 375.00 ft Total Volume: 3.557 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

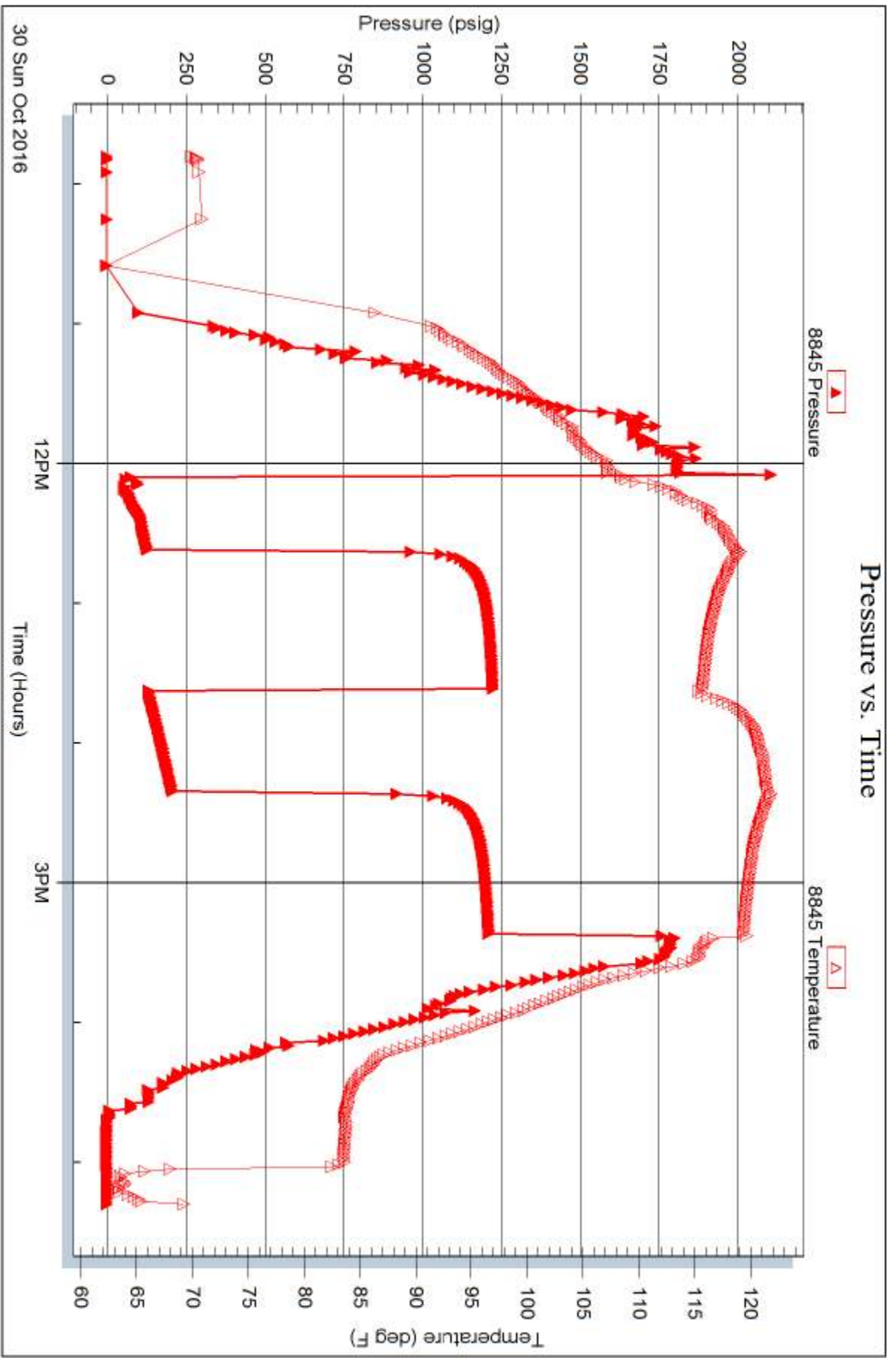
Recovery Comments: rw is .171 @ 60F = 51000ppm

Serial #: 8845

Outside Suemar Exploration & Production, LLC

Spressor 2-26

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 63457

Printed: 2016.10.30 @ 21:48:58



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Suemaour Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63458

DST#: 2

ATTN: Bob Peterson

Test Start: 2016.10.31 @ 03:03:00

GENERAL INFORMATION:

Formation: **Toronto - LKC A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:28:00

Time Test Ended: 11:38:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 3790.00 ft (KB) To 3850.00 ft (KB) (TVD)

Reference Elevations: 2683.00 ft (KB)

Total Depth: 3850.00 ft (KB) (TVD)

2678.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8845 Outside

Press@RunDepth: 124.24 psig @ 3791.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.31

End Date:

2016.10.31

Last Calib.: 2016.10.31

Start Time: 03:03:05

End Time:

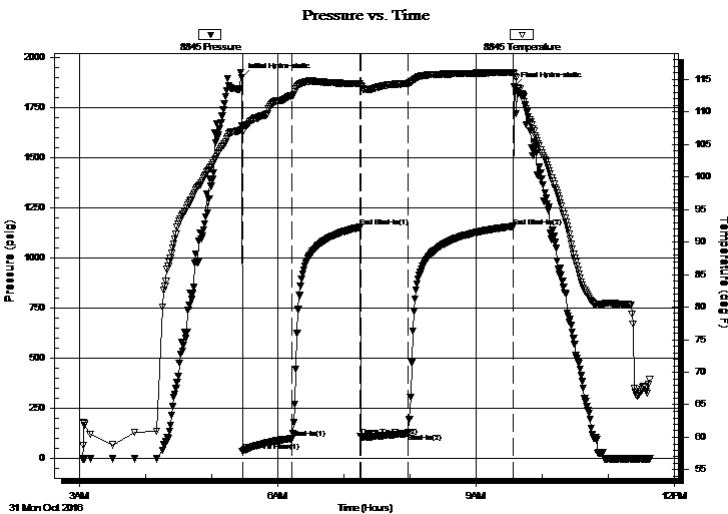
11:38:15

Time On Btm: 2016.10.31 @ 05:27:45

Time Off Btm: 2016.10.31 @ 09:34:45

TEST COMMENT: IF: 3" blow.
IS: No return.
FF: 6" blow.
FS: Surface return, died in ten min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1899.81	107.76	Initial Hydro-static
1	33.55	106.87	Open To Flow (1)
46	98.03	112.46	Shut-In(1)
107	1152.30	114.30	End Shut-In(1)
108	108.70	113.92	Open To Flow (2)
151	124.24	114.36	Shut-In(2)
246	1156.83	116.04	End Shut-In(2)
247	1854.94	115.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gocm 5g 35o 60m	0.30
160.00	gmco 5g 20m 75o	1.09
40.00	oil 100o (heavy under 20api)	0.56
0.00	50' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Suemaour Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63458

DST#: 2

ATTN: Bob Peterson

Test Start: 2016.10.31 @ 03:03:00

Tool Information

Drill Pipe:	Length: 3610.00 ft	Diameter: 3.80 inches	Volume: 50.64 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 51.56 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3790.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	87.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3764.00	
Shut In Tool	5.00			3769.00	
Hydraulic tool	5.00			3774.00	
Jars	5.00			3779.00	
Safety Joint	2.00			3781.00	
Packer	5.00			3786.00	27.00 Bottom Of Top Packer
Packer	4.00			3790.00	
Stubb	1.00			3791.00	
Recorder	0.00	8365	Inside	3791.00	
Recorder	0.00	8845	Outside	3791.00	
Perforations	23.00			3814.00	
Change Over Sub	1.00			3815.00	
Drill Pipe	31.00			3846.00	
Change Over Sub	1.00			3847.00	
Bullnose	3.00			3850.00	60.00 Bottom Packers & Anchor

Total Tool Length: 87.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Suemaour Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63458

DST#: 2

ATTN: Bob Peterson

Test Start: 2016.10.31 @ 03:03:00

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: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	gocm 5g 35o 60m	0.295
160.00	gmco 5g 20m 75o	1.087
40.00	oil 100o (heavy under 20api)	0.561
0.00	50' GIP	0.000

Total Length: 260.00 ft Total Volume: 1.943 bbl

Num Fluid Samples: 0

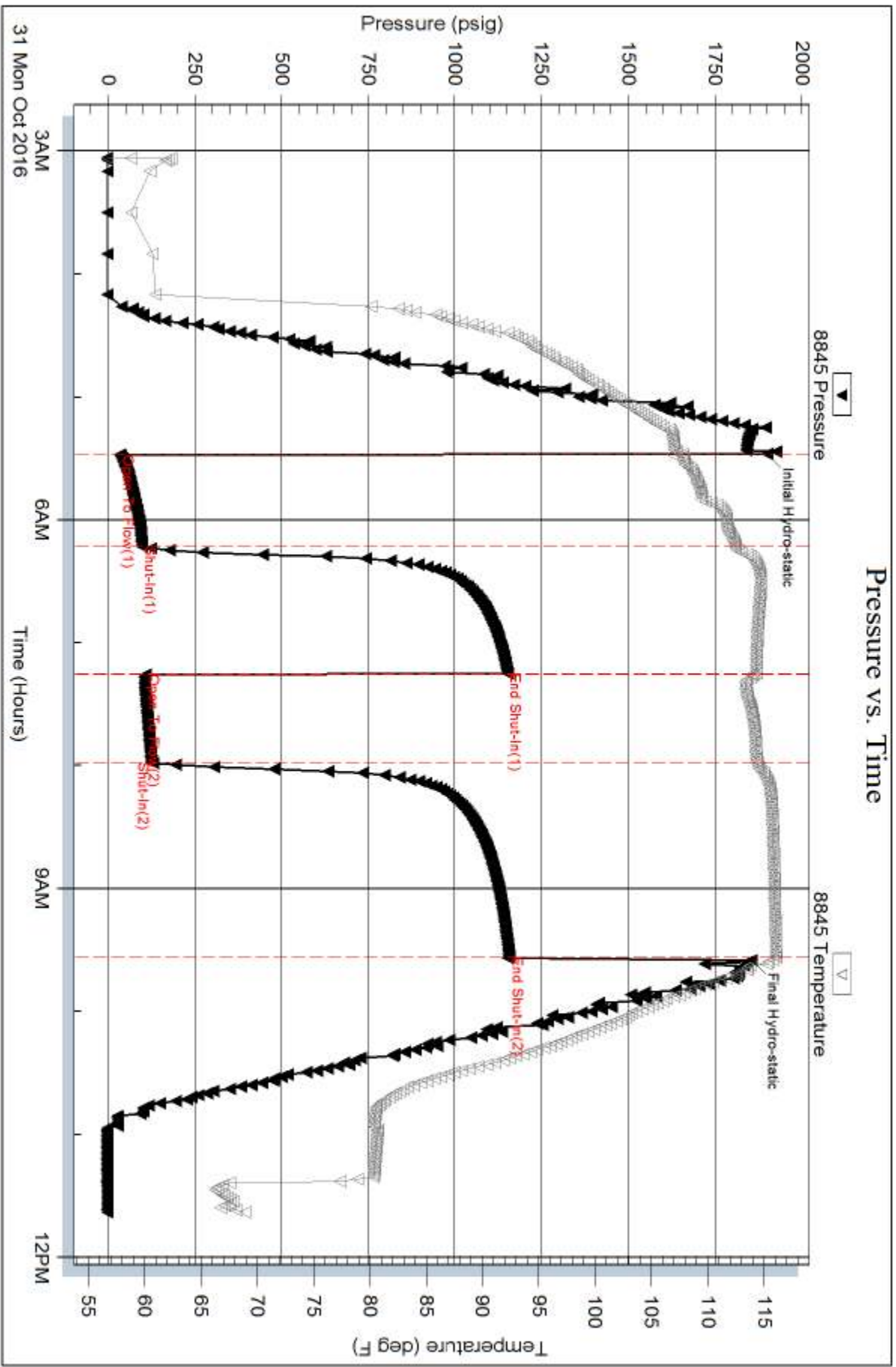
Num Gas Bombs: 0

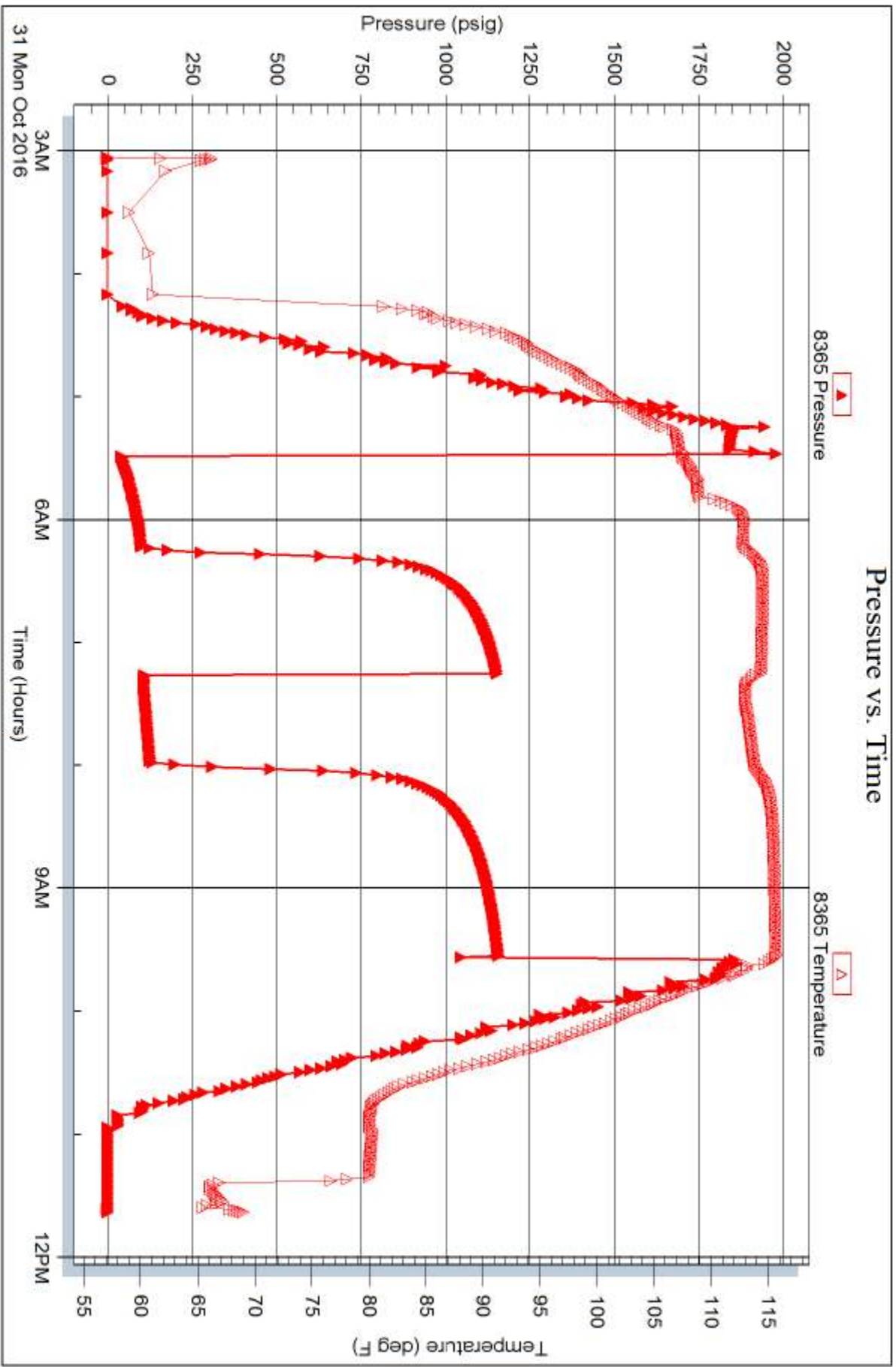
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: heavy oil under 20 api







TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Suemaur Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63459

DST#: 3

ATTN: Bob Peterson

Test Start: 2016.10.31 @ 17:38:00

GENERAL INFORMATION:

Formation: **LKC C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:12:45

Time Test Ended: 01:59:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 3853.00 ft (KB) To 3870.00 ft (KB) (TVD)

Reference Elevations: 2683.00 ft (KB)

Total Depth: 3870.00 ft (KB) (TVD)

2678.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8845 Outside

Press@RunDepth: 341.92 psig @ 3854.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.31

End Date:

2016.11.01

Last Calib.: 2016.11.01

Start Time: 17:38:05

End Time:

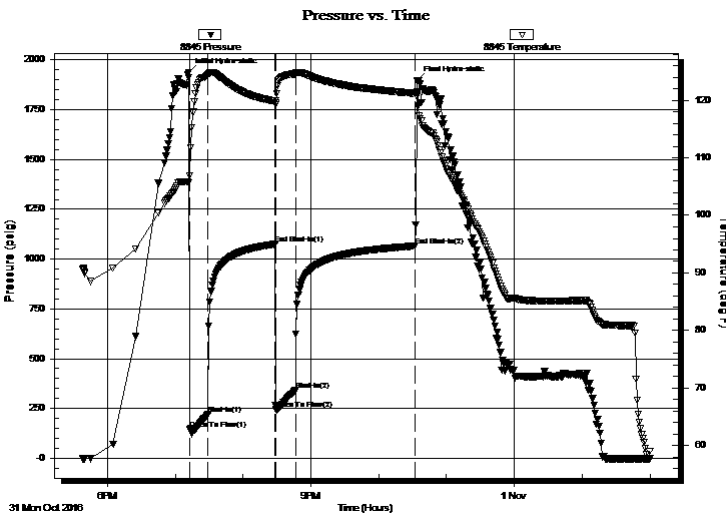
01:59:44

Time On Btm: 2016.10.31 @ 19:12:00

Time Off Btm: 2016.10.31 @ 22:34:00

TEST COMMENT: IF: BOB @ 1 min.
IS: 3" return, receded to 2".
FF: BOB @ 1 min.
FS: 4" return, receded to 3".

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1937.74	105.72	Initial Hydro-static
1	145.91	106.91	Open To Flow (1)
17	221.41	124.39	Shut-In(1)
77	1075.39	119.84	End Shut-In(1)
77	244.76	119.52	Open To Flow (2)
95	341.92	124.58	Shut-In(2)
201	1066.04	121.21	End Shut-In(2)
202	1897.21	120.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	gmco 40g 30m 30o	0.59
680.00	go 20g 80o	8.93
0.00	820' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Suemaaur Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63459

DST#: 3

ATTN: Bob Peterson

Test Start: 2016.10.31 @ 17:38:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	gmco 40g 30m 30o	0.590
680.00	go 20g 80o	8.928
0.00	820' GIP	0.000

Total Length: 800.00 ft Total Volume: 9.518 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

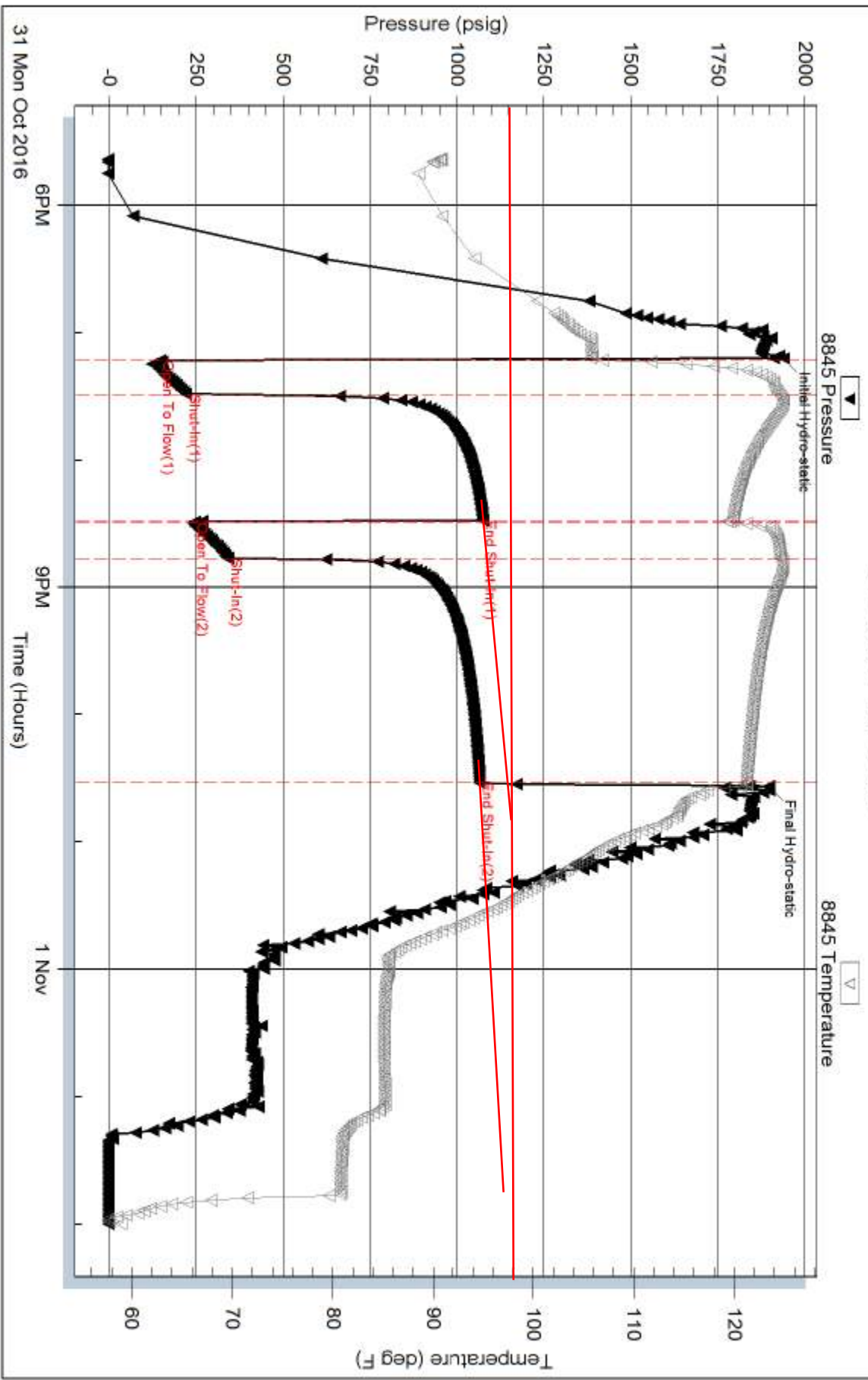
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



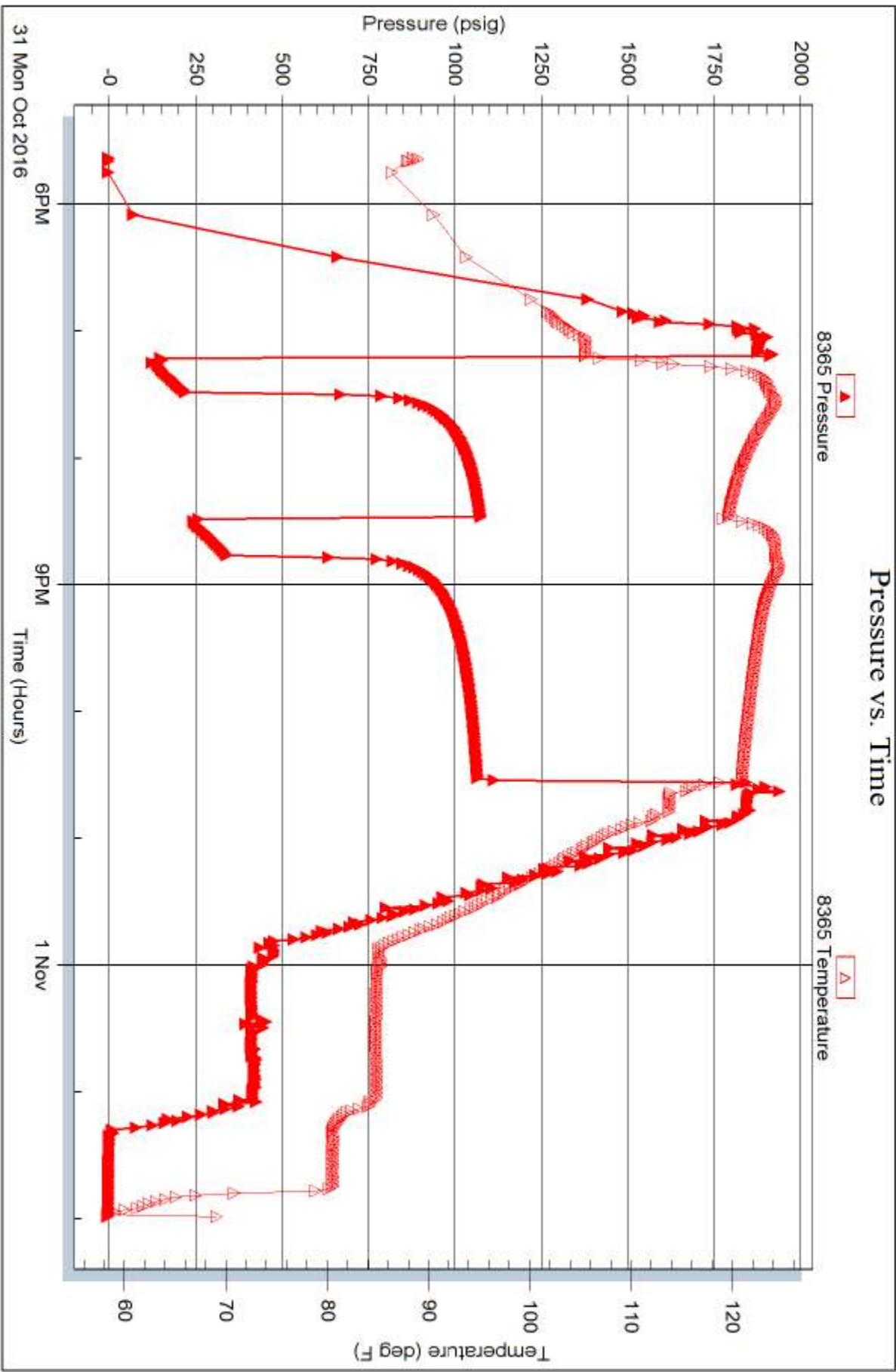
Serial #: 8365

Inside

Suenaar Exploration & Production, LLC

Spressor 2-26

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 63459

Printed: 2016.11.01 @ 07:47:23



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Suemaour Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63460

DST#: 4

ATTN: Bob Peterson

Test Start: 2016.11.01 @ 13:58:00

GENERAL INFORMATION:

Formation: **LKC - G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:41:45

Time Test Ended: 21:20:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 3907.00 ft (KB) To 3922.00 ft (KB) (TVD)

Reference Elevations: 2683.00 ft (KB)

Total Depth: 3922.00 ft (KB) (TVD)

2678.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8845 Outside

Press@RunDepth: 91.91 psig @ 3908.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.11.01

End Date:

2016.11.01

Last Calib.: 2016.11.01

Start Time: 13:58:05

End Time:

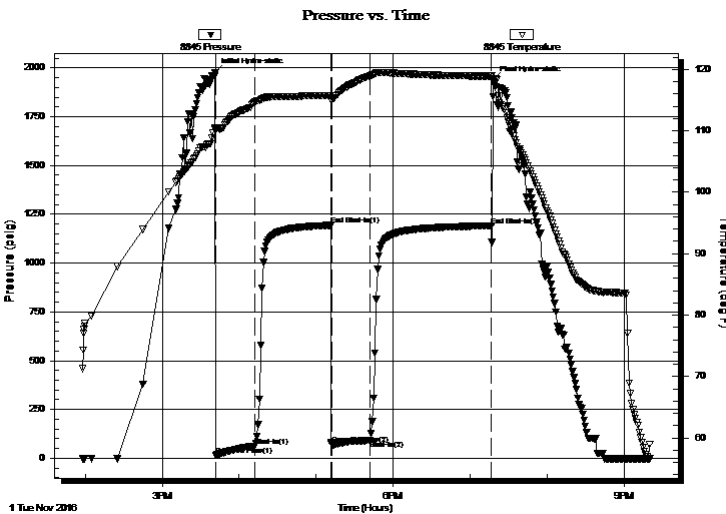
21:20:14

Time On Btm: 2016.11.01 @ 15:41:15

Time Off Btm: 2016.11.01 @ 19:18:00

TEST COMMENT: 30- IF: 5" blow .
60- IS: No return.
30- FF: 5" blow .
90- FS: 1/4" return, died @ 25 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1977.01	110.41	Initial Hydro-static
1	16.01	110.06	Open To Flow (1)
31	62.46	114.67	Shut-In(1)
91	1193.83	115.71	End Shut-In(1)
91	70.50	115.35	Open To Flow (2)
121	91.91	118.93	Shut-In(2)
216	1191.35	118.90	End Shut-In(2)
217	1937.66	118.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
170.00	gmco 25g 30m 45o	0.84
40.00	go 20g 80o	0.41
0.00	100' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Suemaaur Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63460

DST#: 4

ATTN: Bob Peterson

Test Start: 2016.11.01 @ 13:58:00

GENERAL INFORMATION:

Formation: **LKC - G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:41:45

Time Test Ended: 21:20:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 3907.00 ft (KB) To 3922.00 ft (KB) (TVD)

Reference Elevations: 2683.00 ft (KB)

Total Depth: 3922.00 ft (KB) (TVD)

2678.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8365 Inside

Press@RunDepth: psig @ 3908.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.11.01

End Date: 2016.11.01

Last Calib.: 2016.11.01

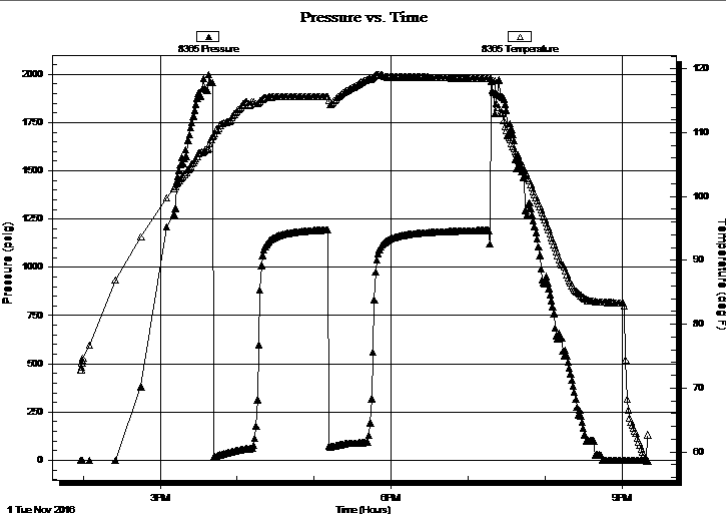
Start Time: 13:58:05

End Time: 21:20:14

Time On Btm:

Time Off Btm:

TEST COMMENT: 30- IF: 5" blow .
60- IS: No return.
30- FF: 5" blow .
90- FS: 1/4" return, died @ 25 min.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
170.00	gmco 25g 30m 45o	0.84
40.00	go 20g 80o	0.41
0.00	100' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Suemaour Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63460

DST#: 4

ATTN: Bob Peterson

Test Start: 2016.11.01 @ 13:58:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
170.00	gmco 25g 30m 45o	0.836
40.00	go 20g 80o	0.406
0.00	100' GIP	0.000

Total Length: 210.00 ft Total Volume: 1.242 bbl

Num Fluid Samples: 0

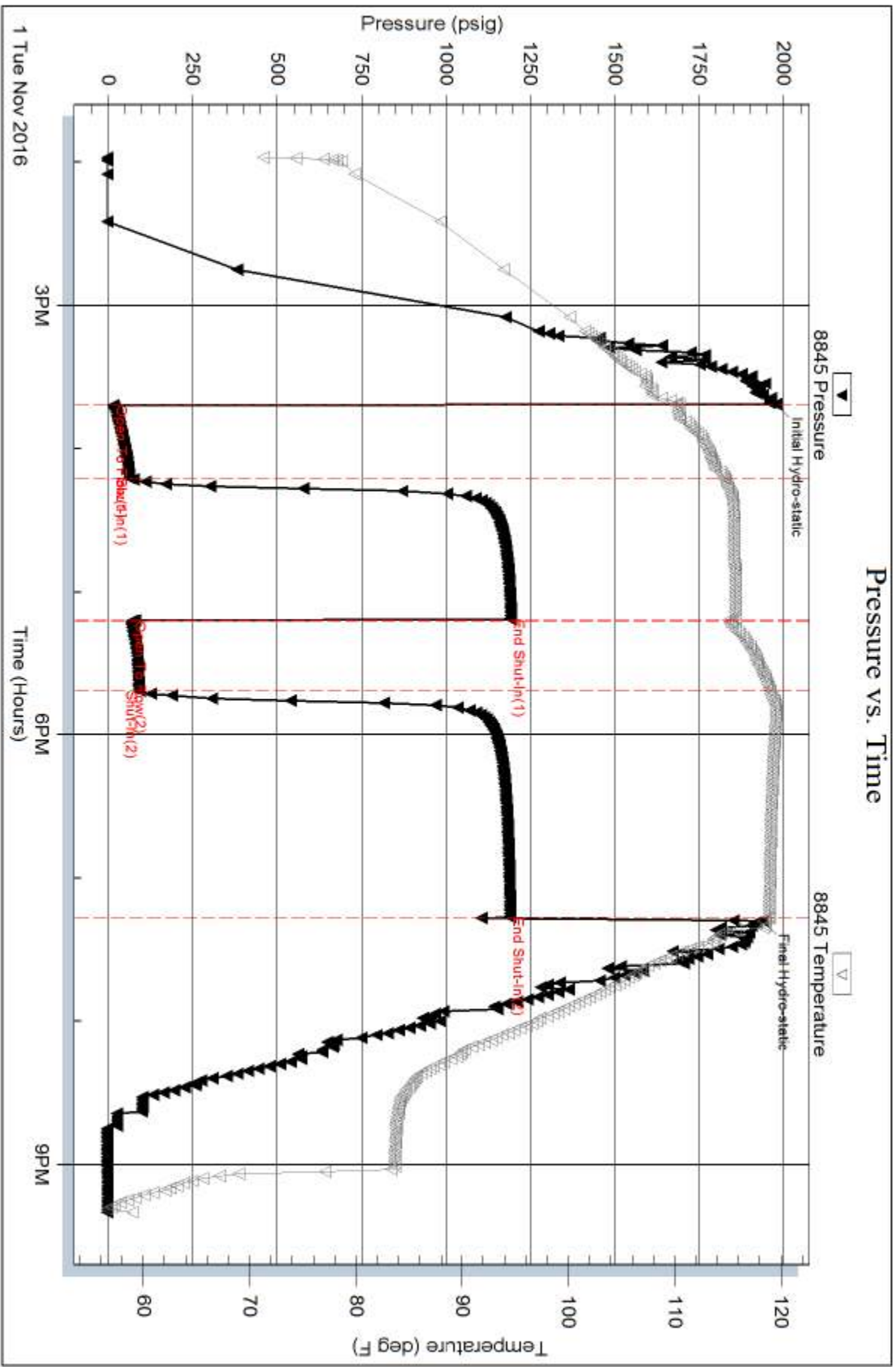
Num Gas Bombs: 0

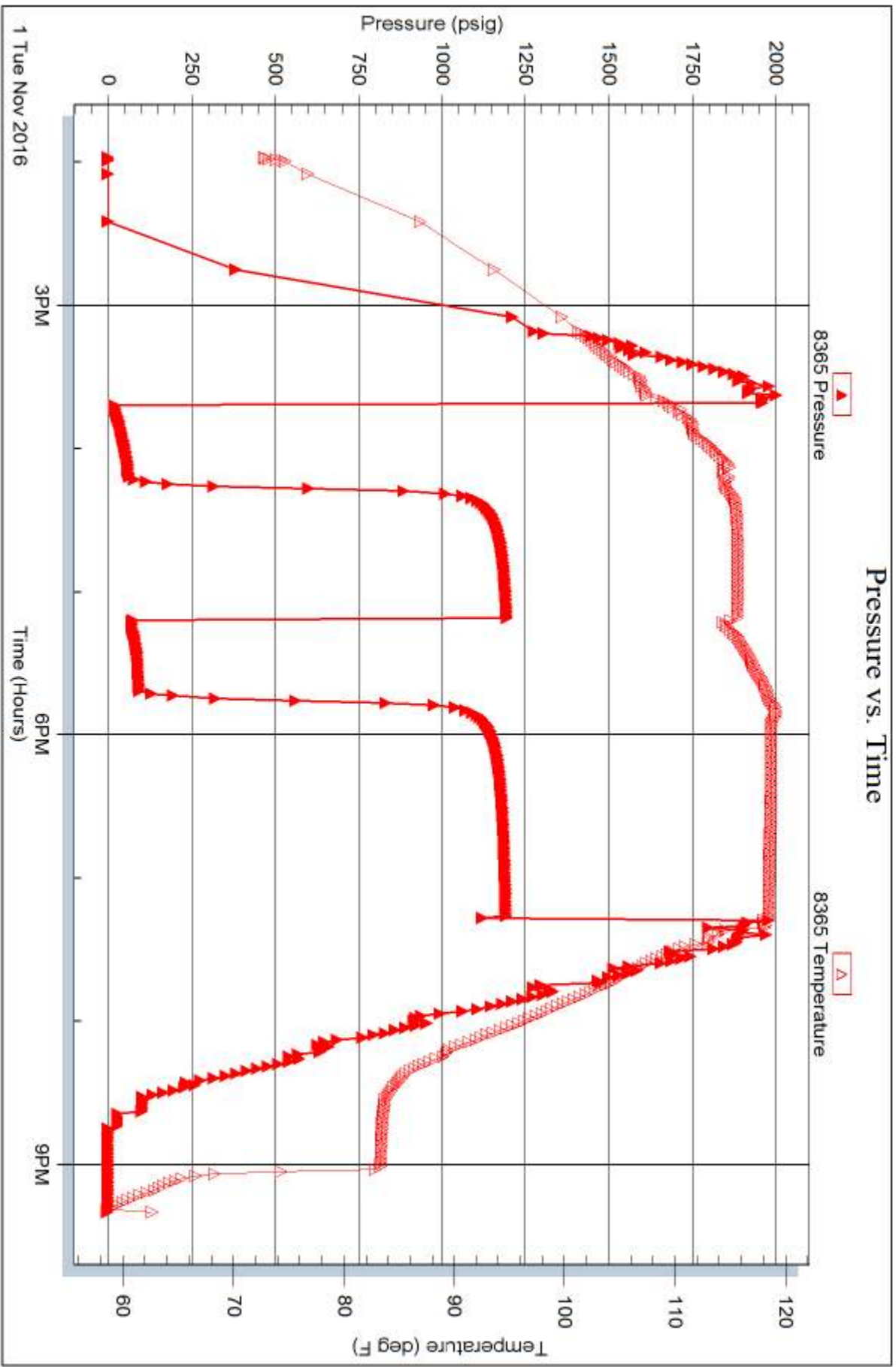
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Suemaour Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63461

DST#: 5

ATTN: Bob Peterson

Test Start: 2016.11.02 @ 03:37:00

GENERAL INFORMATION:

Formation: **LKC - Lower G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:49:15

Time Test Ended: 10:55:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 3923.00 ft (KB) To 3940.00 ft (KB) (TVD)

Reference Elevations: 2683.00 ft (KB)

Total Depth: 3940.00 ft (KB) (TVD)

2678.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8845 Outside

Press@RunDepth: 483.74 psig @ 3924.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.11.02

End Date:

2016.11.02

Last Calib.:

2016.11.02

Start Time: 03:37:05

End Time:

10:55:29

Time On Btm:

2016.11.02 @ 05:48:30

Time Off Btm:

2016.11.02 @ 07:43:00

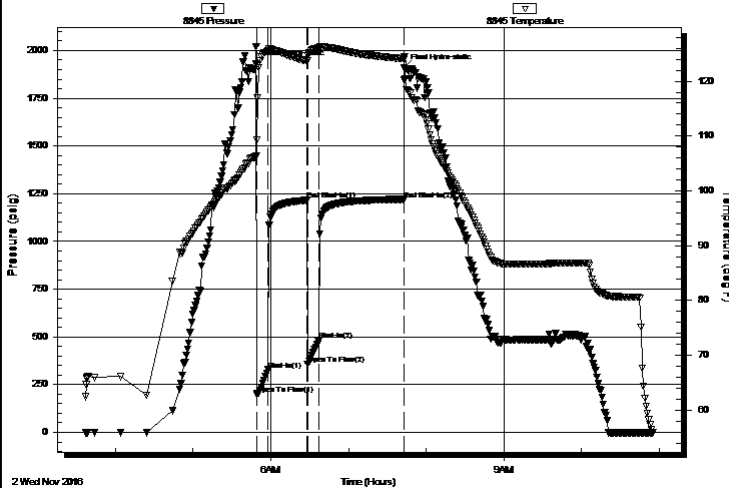
TEST COMMENT: 10- IF: BOB @ 45 sec.

30- IS: 1/2" return.

10- FF:BOB 1 min.

60- FS: 5" return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1928.85	106.16	Initial Hydro-static
1	200.88	109.20	Open To Flow (1)
10	327.61	125.52	Shut-In(1)
40	1215.56	123.68	End Shut-In(1)
40	355.41	123.72	Open To Flow (2)
49	483.74	126.06	Shut-In(2)
114	1220.54	124.07	End Shut-In(2)
115	1907.58	123.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
210.00	smcw 2m 98w w/oil spots	1.24
350.00	ocw 30o 70w	4.91
440.00	go 25g 75o	6.17
0.00	590' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Suemaour Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63461

DST#: 5

ATTN: Bob Peterson

Test Start: 2016.11.02 @ 03:37:00

Tool Information

Drill Pipe:	Length: 3737.00 ft	Diameter: 3.80 inches	Volume: 52.42 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 53.34 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3923.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3897.00	
Shut In Tool	5.00			3902.00	
Hydraulic tool	5.00			3907.00	
Jars	5.00			3912.00	
Safety Joint	2.00			3914.00	
Packer	5.00			3919.00	27.00 Bottom Of Top Packer
Packer	4.00			3923.00	
Stubb	1.00			3924.00	
Recorder	0.00	8365	Inside	3924.00	
Recorder	0.00	8845	Outside	3924.00	
Perforations	13.00			3937.00	
Bullnose	3.00			3940.00	17.00 Bottom Packers & Anchor

Total Tool Length: 44.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Suemaour Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63461

DST#: 5

ATTN: Bob Peterson

Test Start: 2016.11.02 @ 03:37:00

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:

65000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
210.00	smcw 2m 98w w/oil spots	1.242
350.00	ocw 30o 70w	4.910
440.00	go 25g 75o	6.172
0.00	590' GIP	0.000

Total Length: 1000.00 ft Total Volume: 12.324 bbl

Num Fluid Samples: 0

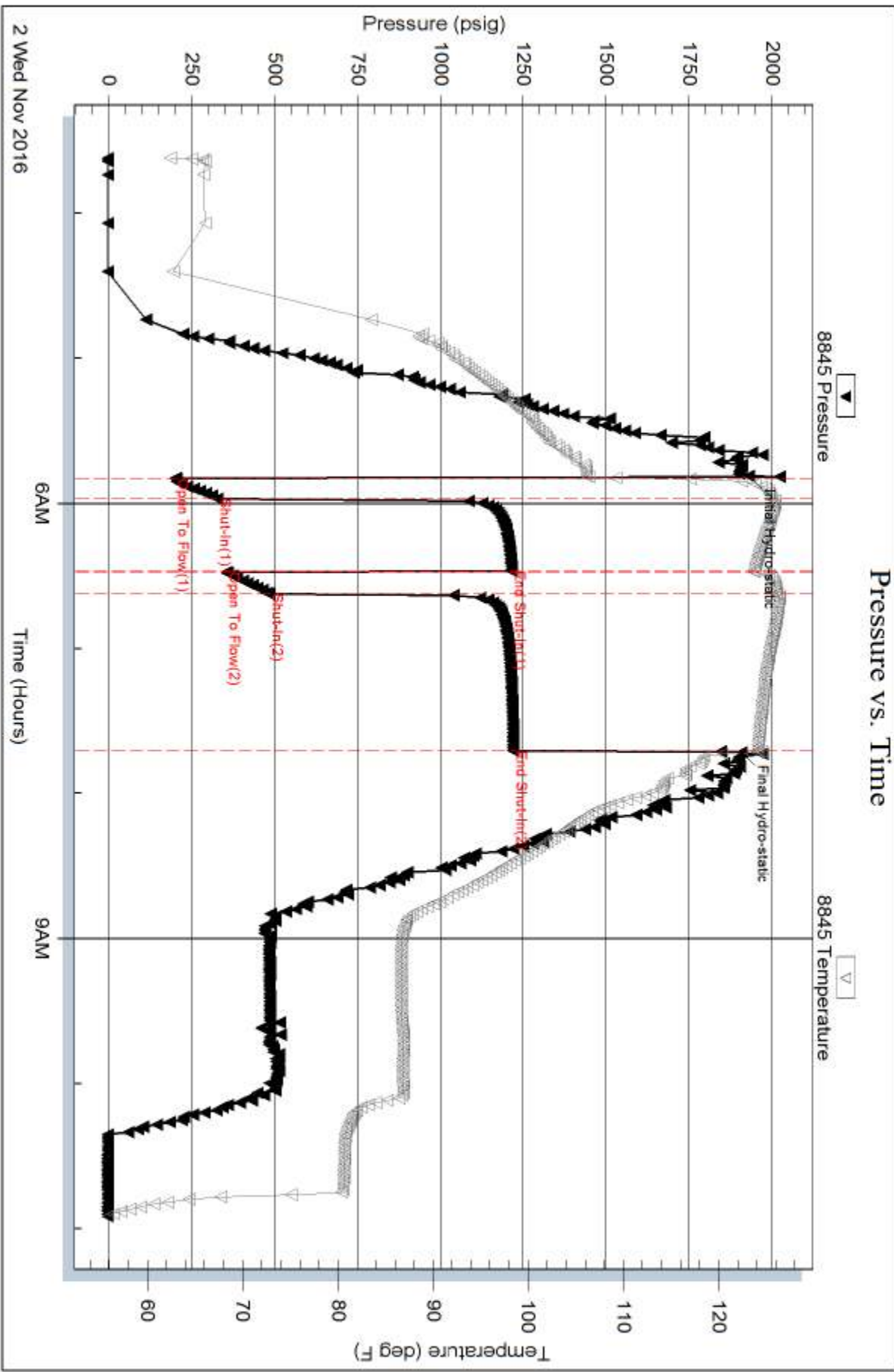
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .145 @ 58F = 65000ppm



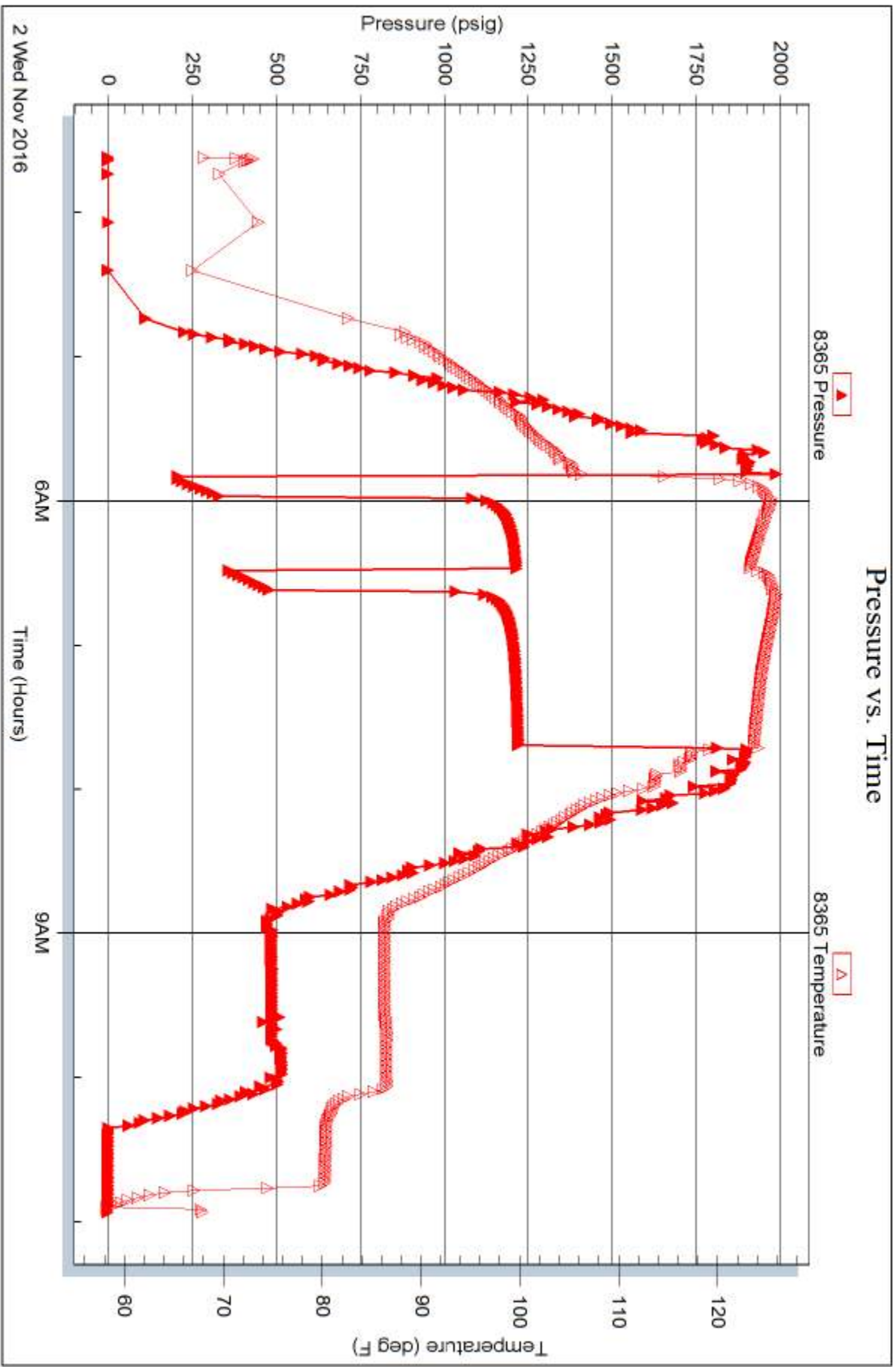
Serial #: 8365

Inside

Suenaux Exploration & Production, LLC

Spressor 2-26

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 63461

Printed: 2016.11.02 @ 11:29:43



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Suemaour Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63462

DST#: 6

ATTN: Bob Peterson

Test Start: 2016.11.02 @ 19:27:00

GENERAL INFORMATION:

Formation: **LKC H-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:17:30

Time Test Ended: 23:19:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 3954.00 ft (KB) To 3998.00 ft (KB) (TVD)

Reference Elevations: 2683.00 ft (KB)

Total Depth: 3998.00 ft (KB) (TVD)

2678.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8365 Inside

Press@RunDepth: psig @ 3955.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.11.02

End Date: 2016.11.02

Last Calib.: 2016.11.03

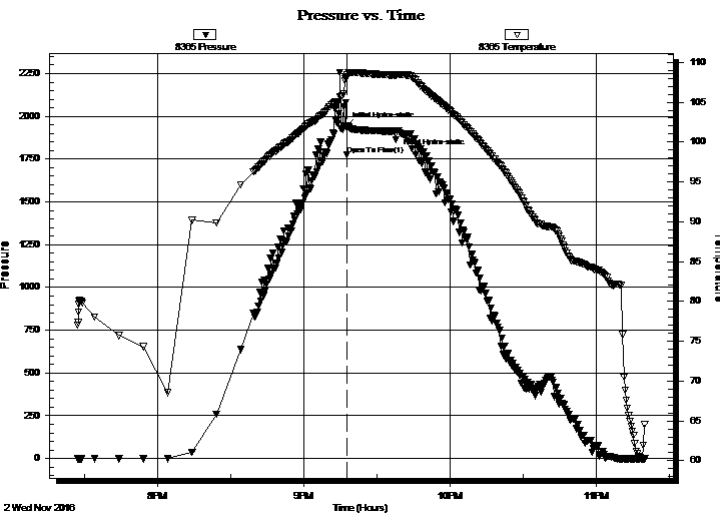
Start Time: 19:27:05

End Time: 23:19:45

Time On Btm: 2016.11.02 @ 21:17:00

Time Off Btm: 2016.11.02 @ 21:38:15

TEST COMMENT: Miss-Run hit bridge 40' from bottom pulled test to recondition hole.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1940.67	107.93	Initial Hydro-static
1	1777.41	108.08	Open To Flow (1)
22	1917.77	108.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	did not make it to the bottom	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Suemaour Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63462

DST#: 6

ATTN: Bob Peterson

Test Start: 2016.11.02 @ 19:27:00

Tool Information

Drill Pipe:	Length: 3767.00 ft	Diameter: 3.80 inches	Volume: 52.84 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 51000.00 lb
			<u>Total Volume: 53.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3954.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	71.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3928.00	
Shut In Tool	5.00			3933.00	
Hydraulic tool	5.00			3938.00	
Jars	5.00			3943.00	
Safety Joint	2.00			3945.00	
Packer	5.00			3950.00	27.00 Bottom Of Top Packer
Packer	4.00			3954.00	
Stubb	1.00			3955.00	
Recorder	0.00	8365	Inside	3955.00	
Recorder	0.00	8845	Outside	3955.00	
Perforations	7.00			3962.00	
Change Over Sub	1.00			3963.00	
Drill Pipe	31.00			3994.00	
Change Over Sub	1.00			3995.00	
Bullnose	3.00			3998.00	44.00 Bottom Packers & Anchor

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Suemaar Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63462

DST#: 6

ATTN: Bob Peterson

Test Start: 2016.11.02 @ 19:27:00

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: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 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 bbbl
0.00	did not make it to the bottom	0.000

Total Length: ft Total Volume: bbl

Num Fluid Samples: 0

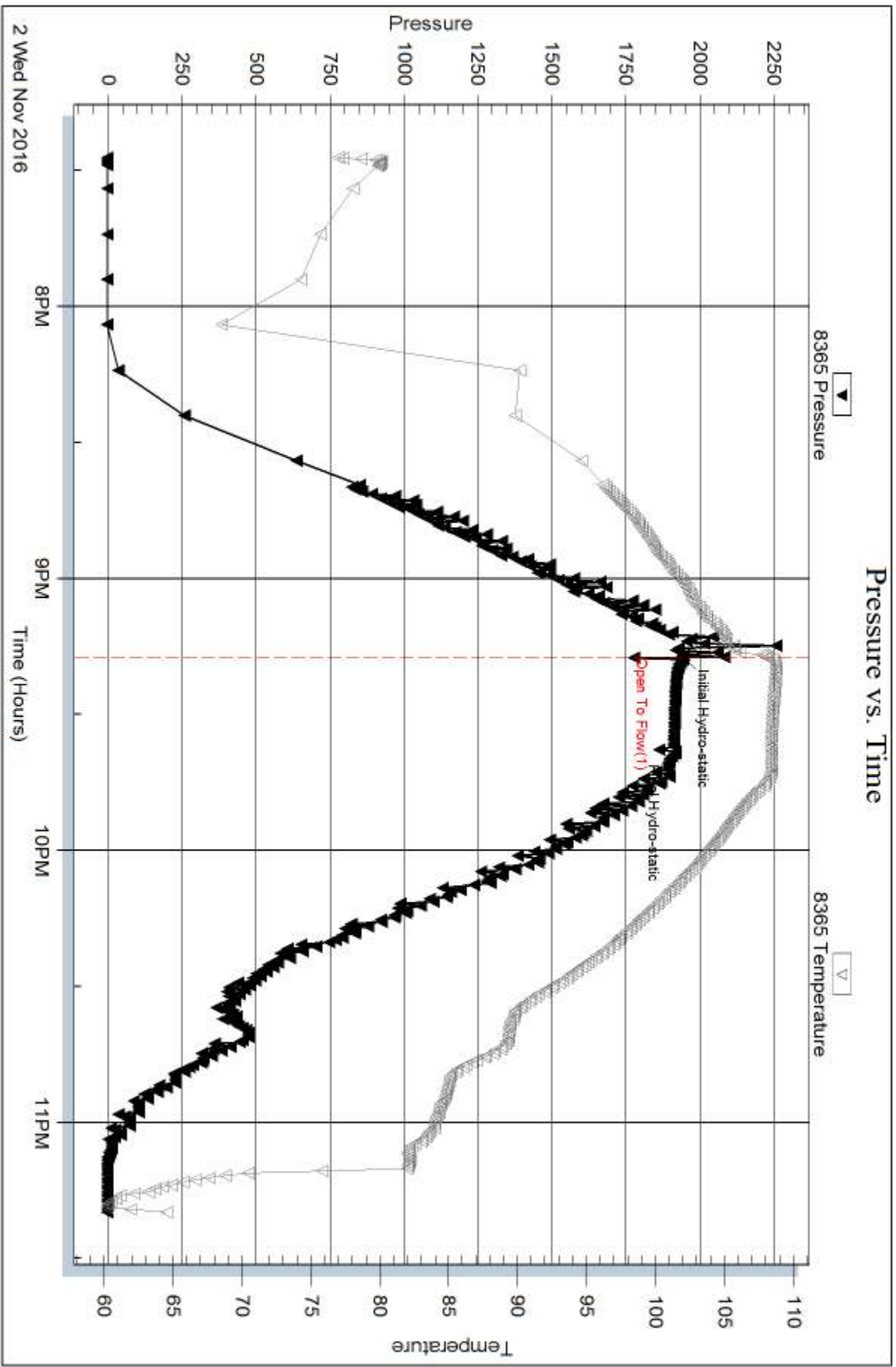
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Suemaour Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63464

DST#: 7

ATTN: Bob Peterson

Test Start: 2016.11.03 @ 03:54:00

GENERAL INFORMATION:

Formation: **LKC H-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:59:45

Time Test Ended: 11:47:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 3954.00 ft (KB) To 3998.00 ft (KB) (TVD)

Total Depth: 3998.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2683.00 ft (KB)

2678.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8845 Outside

Press@RunDepth: 142.61 psig @ 3955.00 ft (KB)

Start Date: 2016.11.03

End Date:

2016.11.03

Start Time: 03:54:05

End Time:

11:47:29

Capacity: 8000.00 psig

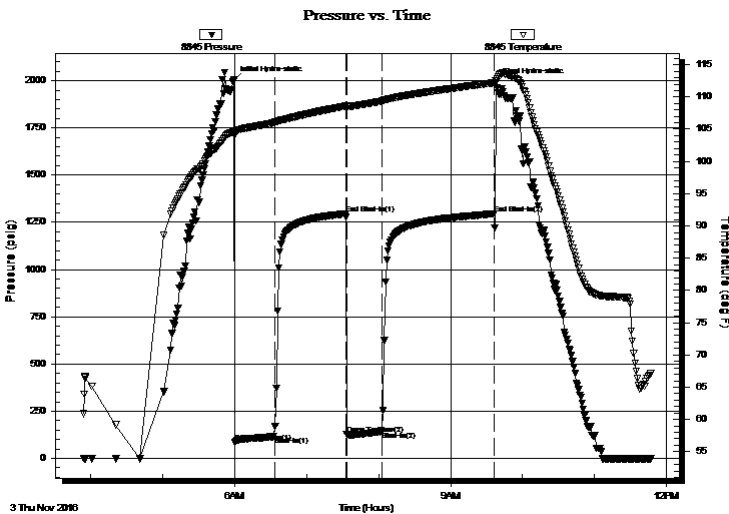
Last Calib.: 2016.11.03

Time On Btm: 2016.11.03 @ 05:59:15

Time Off Btm: 2016.11.03 @ 09:38:00

TEST COMMENT: 30- IF: BOB @ 30 min.
60- IS: 2" blow , receded to surface.
30- FF: BOB @ 21 min.
90- FS: 3" return, died @ 45 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2002.13	104.64	Initial Hydro-static
1	86.35	103.96	Open To Flow (1)
34	115.66	106.03	Shut-In(1)
94	1295.00	108.59	End Shut-In(1)
94	126.88	108.43	Open To Flow (2)
124	142.61	109.34	Shut-In(2)
217	1295.93	112.21	End Shut-In(2)
219	1991.63	112.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	gocm 25g 25o 50m	0.64
120.00	gmco 10g 30m 60o	1.16
70.00	go 15g 85o	0.98
0.00	370' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Suemaour Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63464

DST#: 7

ATTN: Bob Peterson

Test Start: 2016.11.03 @ 03:54:00

Tool Information

Drill Pipe:	Length: 3767.00 ft	Diameter: 3.80 inches	Volume: 52.84 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 53.76 bbl</u>	Tool Chased 4.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3954.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	71.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3928.00	
Shut In Tool	5.00			3933.00	
Hydraulic tool	5.00			3938.00	
Jars	5.00			3943.00	
Safety Joint	2.00			3945.00	
Packer	5.00			3950.00	27.00 Bottom Of Top Packer
Packer	4.00			3954.00	
Stubb	1.00			3955.00	
Recorder	0.00	8365	Inside	3955.00	
Recorder	0.00	8845	Outside	3955.00	
Perforations	7.00			3962.00	
Change Over Sub	1.00			3963.00	
Drill Pipe	31.00			3994.00	
Change Over Sub	1.00			3995.00	
Bullnose	3.00			3998.00	44.00 Bottom Packers & Anchor

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Suemaaur Explormation & Production, LLC

26 6s 28w Sheridan, Ks

539 N Carancahua Ste 1100
Corpus Christie, Tx 78401

Spressor 2-26

Job Ticket: 63464

DST#: 7

ATTN: Bob Peterson

Test Start: 2016.11.03 @ 03:54:00

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
130.00	gocm 25g 25o 50m	0.639
120.00	gmco 10g 30m 60o	1.164
70.00	go 15g 85o	0.982
0.00	370' GIP	0.000

Total Length: 320.00 ft

Total Volume: 2.785 bbl

Num Fluid Samples: 0

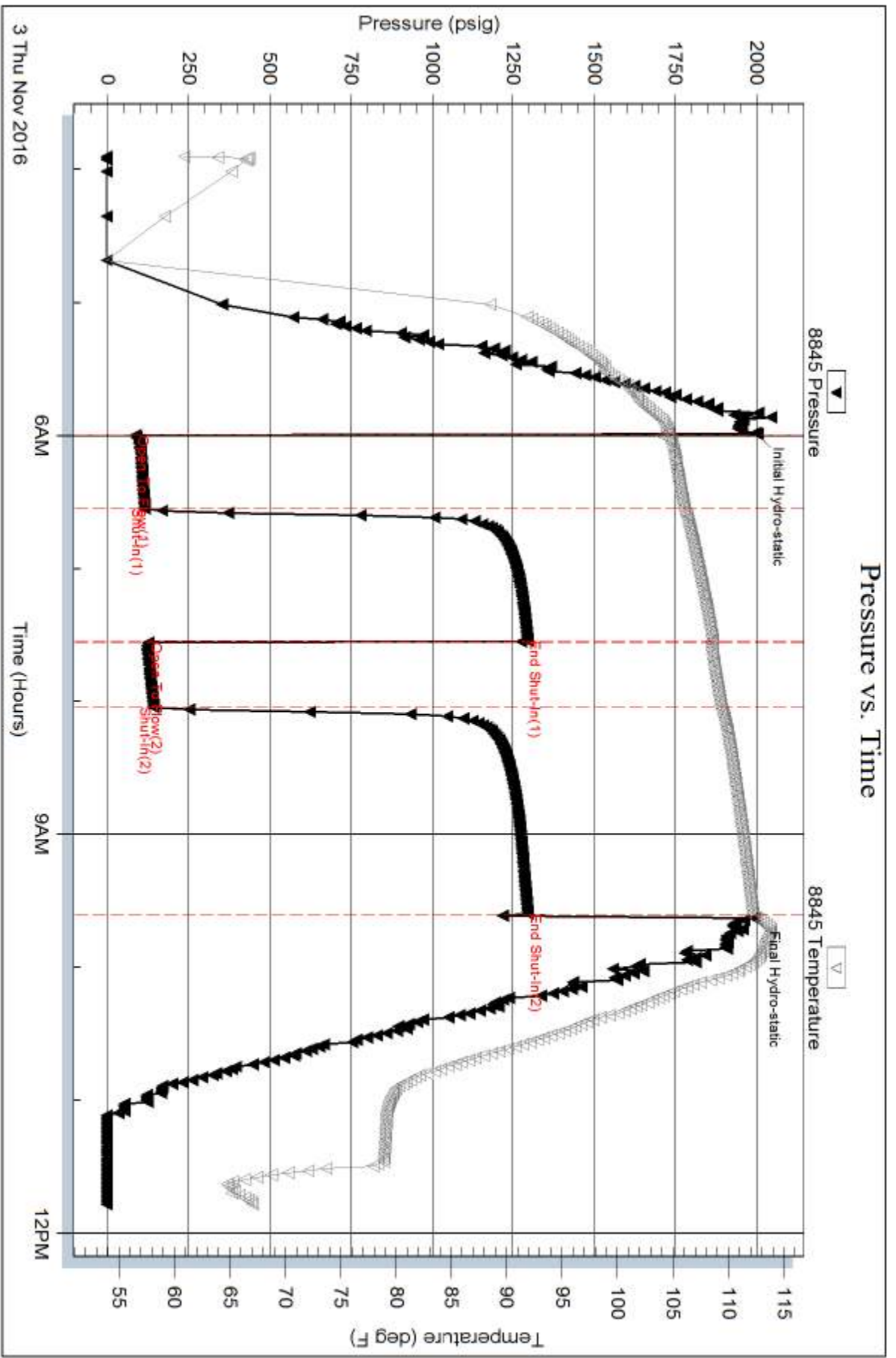
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



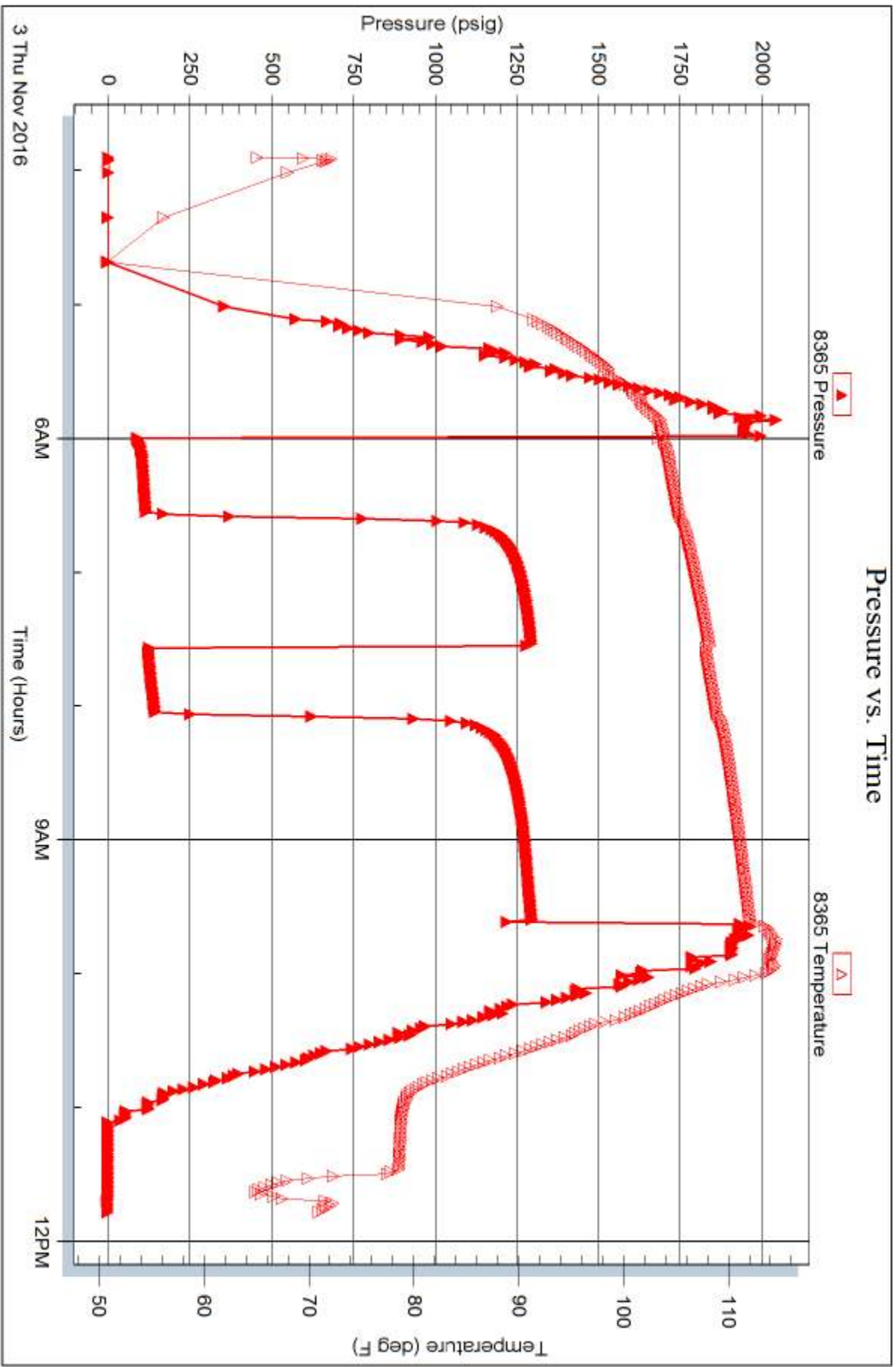
Serial #: 8365

Inside

Suenaux Exploration & Production, LLC

Spressor 2-26

DST Test Number: 7



Tribble Testing, Inc

Ref. No: 63464

Printed: 2016.11.03 @ 11:59:50

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

SUEMAUR EXPLORATION & PROD., LLC

**SPRESSER #2-26
SEC. 26 NW 6S RGE 28W
NE 9E TWP SW
1897' FSL & 1137' FWL**

SHERIDAN COUNTY, KANSAS

API: 15-179-21422-00-00

**DRILLING CONTR.: MURFIN RIG #7
SPUD: 10-27-2016 COMP: 11-05-16
MUD UP: 3050' TYPE MUD: CHEM.
DRILL TIME: 3300' to RTD
RTD: 4400' LTD: 4400'
SAMPLES SAVED: 3350' to RTD
GEOLOGIST: ROBERT J. PETERSEN**

ELEVATION

**KB: 2681
GL: 2676
LOG MEASURED
FROM: KB
Surface cut 2' for location**

SURFACE CASING

8 5/8" Set @290' w/ 2605X

PRODUCTION CASING

15.5# 5.5" Casing set w/155 sacks

WELL LOG SURVEYS

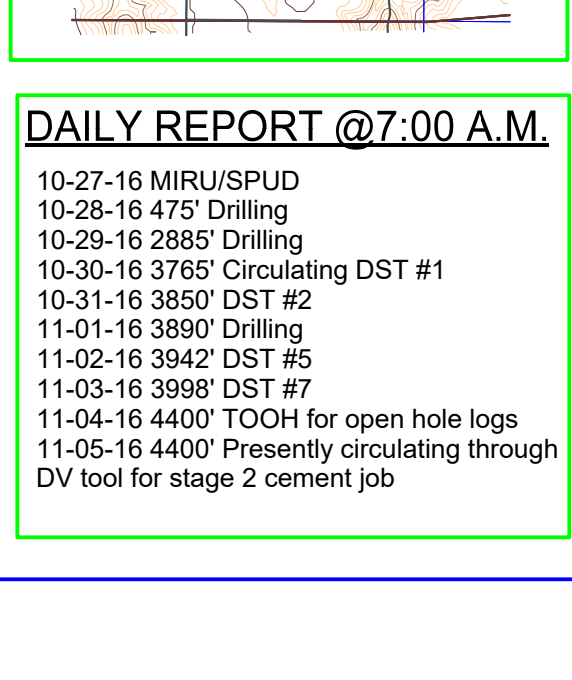
**WEATHERFORD
HI-Res AIL-DNL-ML-GR-SP**

ELECTRIC LOG TOPS

FORMATION	DEPTH	DATUM	POS A	POS B
Stone Corral	2416	+265	-3	-4
Base Stone Corral	2447	+234	+1	-3
Foraker	3303	+022	-1	-1
Stoller	3472	-791	-1	-3
Howard	3550	-869	-2	-5
Topeka	3559	-918	-3	-6
Tecumseh SD	3655	-1014	-3	-4
Lecompton	3724	-1043	+2	+1
Oread	3752	-1071	+2	+1
Heebner	3794	-1113	+1	+1
Toronto	3821	-1140	+1	+2
Lansing	3835	-1154	+5	FLAT
C Zone	3866	-1185	+3	+2
D Zone	3873	-1192	+4	+3
E/F Zone	3892	-1211	+5	+3
G Zone	3916	-1235	+4	+3
Lower G zone	3931	-1250	+2	+2
Muncie Cr. Shale	3942	-1261	+2	+4
Stark	4000	-1319	-4	FLAT
BKC	4046	-1365	-1	-1
Pawnee	4148	-1467	-9*	-8
Cherokee LS	4244	-1563	N/A	-3
Miss	4348	-1667	N/A	+23
RTD/LTD	4404	-1723	N/A	+20

* Pawnee sample top on Shawn Spresser Trust 1-26

LOCATION MAP



REFERENCE WELL A:

API 15-179-21419-00-00
Suemaur Exploration & Prod. Co
Shawn Spresser Trust #1-26
578' FSL & 1837' FWL
26-6-28W
Sheridan County, KS

REFERENCE WELL B:

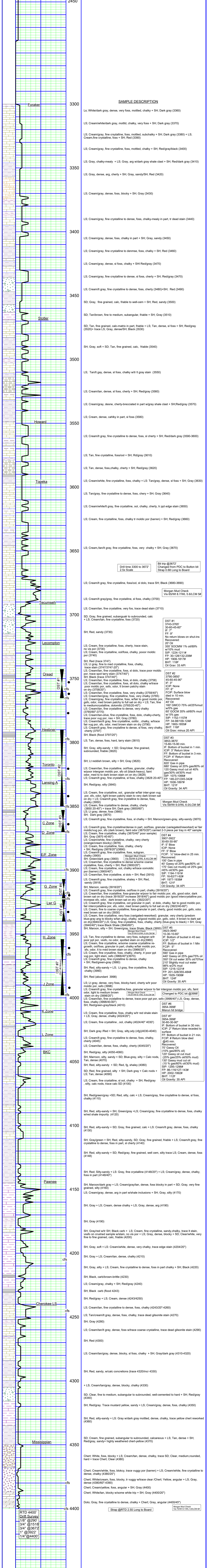
API 15-179-21414-00-00
Suemaur Exploration & Prod. Co
Schroeder #1
365' FSL & 2261' FEL
26-6-28W
Sheridan County, KS

DAILY REPORT @7:00 A.M.

10-27-16 MIRU/SPUD
10-28-16 475' Drilling
10-29-16 2885' Drilling
10-30-16 3765' Circulating DST #1
10-31-16 3850' DST #2
11-01-16 3890' Drilling
11-02-16 3942' DST #5
11-03-16 3998' DST #7
11-04-16 4400' TOOH for open hole logs
11-05-16 4400' Presently circulating through DV tool for stage 2 cement job

REMARKS AND RECOMMENDATIONS

The operator ran production casing to further test this well for commercial production.



SAMPLE DESCRIPTION

LS; White/dark gray, dense, very foss, mottled, chalky + SH; Dark gray (3360)

LS; Cream/white/dark gray, mottled, chalky, very foss + SH; Dark gray (3370)

LS; Cream/gray, fine crystalline, foss, mottled, subchalky + SH; Dark gray (3380) + LS; Cream, fine crystalline, foss + SH; Red (3390)

LS; Cream/gray, fine crystalline, foss, mottled, chalky + SH; Red/gray/black (3400)

LS; Gray, chalky-mealy + LS; Gray, arg w/dark gray shale clast + SH; Red/dark gray (3410)

LS; Gray, dense, arg, cherty + SH; Gray, sandy/SH; Red (3420)

LS; Cream/gray, dense, foss, blocky + SH; Gray (3430)

LS; Cream/gray, fine crystalline to dense, foss, chalky-mealy in part, tr dead stain (3440)

LS; Cream/gray, dense, foss, chalky in part + SH; Gray, sandy (3450)

LS; Cream/gray, fine crystalline to dense, foss, chalky + SH; Red (3460)

LS; Cream/gray, dense, sil foss, chalky + SH; Red/gray (3470)

LS; Cream/gray, fine crystalline to dense, sil foss, cherty + SH; Red/gray (3470)

LS; Cream/lt gray, fine crystalline to dense, foss, cherty (3480)+SH; Red (3490)

SD; Gray, fine grained, calc, friable to well-cem + SH; Red, sandy (3500)

SD; Tan/brown, fine to medium, subangular, friable + SH; Gray (3510)

SD; Tan, fine grained, calc-matrix in part, friable + LS; Tan, dense, sil foss + SH; Red/gray (3520)+ trace LS; Gray, dense/SH; Black (3530)

SH; Gray, soft + SD; Tan, fine grained, calc, friable (3540)

LS; Tan/lt gray, dense, sil foss, chalky w/lt gray stain (3550)

LS; Cream/tan, dense, sil foss, cherty + SH; Red/gray (3560)

LS; Cream/gray, dense, cherty-brecciated in part w/gray shale clast + SH; Red/gray (3570)

LS; Cream, dense, chalky in part, sil foss (3580)

LS; Cream/lt gray, fine crystalline to dense, foss, sil cherty + SH; Red/dark gray (3590-3600)

LS; Tan, fine crystalline, foss/ool + SH; Rd/gray (3610)

LS; Tan, dense, foss, chalky, cherty + SH; Red/gray (3620)

LS; Cream/white, fine crystalline, foss, chalky + LS; Tan/gray, dense, sil foss + SH; Gray (3630)

LS; Tan/gray, fine crystalline to dense, foss, cherty + SH; Gray (3640)

LS; Cream/white/lt gray, fine crystalline, ool, chalky, cherty, tr ppt edge stain (3650)

LS; Cream, fine crystalline, foss, chalky tr moldic por (barren) + SH; Red/gray (3660)

LS; Cream/tan/lt gray, fine crystalline, foss, very chalky + SH; Gray (3670)

Drill time 3300 to 3672
2.5x Scale

Bl tip @3672
Chan; Brown PDC to Button bit
Strap 0.68 Long to Board

Morgan Mud Check
Vis 65/Wt 8.7/WL 5.6/LCM 5#

DST #1
3743-3765
30-60-45-60"
FF: 9"
No return blows on shut-ins
Recovered:
20" Oil
355' SOCMW 1% oil/89% w/10% mud
SIP: 1075-1066#
FP: 30-128/132-208#
HP: 1908-1817#
BHT: 118F
Oil Grav: 33 API

DST #2
3790-3850"
45-60-45-90"
IF: 3"
ICP: None
FF: 6"
FCIP: Surface blow died in 10 min.
FF: Bottom of bucket in 3 min.
FCIP: 4" Return blow recovered:
820 Gas in pipe
680 Gassy oil 20% gas/80% oil
120 Gassy mud cut oil 40% gas/30% oil/30% mud
SIP: 1075-1066#
FP: 146-221/245-342#
HP: 1938-1897#
BHT: 121F
Oil Gravity: 34 API

Morgan Mud Check
Vis 58/Wt 9.0/WL 6.0/LCM 5#

DST #3
3853-3870"
15-60-15-90 min.
IF: Bottom of bucket in 1 min.
ICIP: 3" Return blow
FF: Bottom of bucket in 3 min.
FCIP: 4" Return blow recovered:
620 Gas in pipe
680 Gassy oil 20% gas/80% oil
120 Gassy mud cut oil 40% gas/30% oil/30% mud
SIP: 1194-1194#
FP: 146-221/245-342#
HP: 1938-1897#
BHT: 121F
Oil Gravity: 34 API

Morgan Mud Check
Vis 58/Wt 9.0/WL 6.0/LCM 5#

DST #4
3907-3922"
30-60-30-90"
IF: 5' Blow
ICP: None
FF: 5" Blow
FCIP: 1/2" blow-died in 25 min.
Recovered:
100 Gas in pipe
40 Gassy oil 20% gas/80% oil
170 Gas cut muddy oil 25% gas 45% oil/30% gas
SIP: 1194-1194#
FP: 16-62/71-92#
HP: 1977-1938#
BHT: 121F
Oil Gravity: 34 API

DST #5
3923-3940"
10-30-10-60"
IF: Bottom of bucket in 45 sec
ICIP: 1/2"
FF: Bottom of bucket in 1 Min
FCIP: 5"
Recovered:
590 Gas in pipe
440 Gassy oil 25% gas/75% oil
350 Oil cut water 30% oil/70% w/210" Slightly mud cut water 98% w/2% mud
SIP: 1216-1221#
FP: 201-328/355-484#
HP: 1920-1926#
BHT: 124F
Oil Gravity: 35 API

DST #6
3954-3998"
30-60-30-90"
IF: Bottom of bucket in 30 min.
ICIP: 2"
FF: Bottom of bucket in 21 min.
FCIP: # Return blow died @45 min.
Recovered:
70 Gassy Oil
120 Gassy oil cut mud (25% gas/25% oil/50% mud)
130 Gassy mud cut oil (10% gas/60% oil/30% mud)
SIP: 1295-1296#
FP: 86-119/127-143#
HP: 1920-1926#
BHT: 112F
Oil Gravity: 35 API

Morgan Mud Check
Vis 75/Wt 9.1/WL 5.6/LCM 4#

Strap @RTD 2.55 Long to Board

RTD 4400'
Drift Survey
1/8" @290'
3/4" @1518'
3/4" @3672'
1" @3922'
1/4" @4400'



ALLIED OFS, LLC

Federal Tax I.D. #81-2169190

REMIT TO: Allied OFS, LLC
P.O. Box 205803
Dallas, TX 75320-5803

SERVICE POINT:

Co. Kex

DATE <i>10-27-14</i>	SEC. <i>26</i>	TWP. <i>6S</i>	RANGE <i>28W</i>	CALLED OUT	ON LOCATION <i>7:00 p.m.</i>	JOB START <i>8:30 p.m.</i>	JOB FINISH <i>9:00 p.m.</i>
<i>Spencer</i> LEASE	WELL # <i>2-26</i>		LOCATION <i>Hoxie 8N 1E 2N 1/2 E.</i>		COUNTY <i>Sheridan</i>	STATE <i>KS</i>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<i># INTO</i>				

CONTRACTOR *Murfin 7*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *290'*

CASING SIZE *8 5/8* DEPTH *290.37*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15'*

PERFS.

DISPLACEMENT *17.54*

OWNER *Same*

CEMENT

AMOUNT ORDERED *260 sks com 3% cc*

1/4 Flo-seal 6

EQUIPMENT

PUMP TRUCK CEMENTER *Andrew Forstlund*
431 HELPER *Wayne McElroy*

BULK TRUCK
323 DRIVER *Terry Heinrich*

BULK TRUCK
DRIVER

COMMON	<i>260 sks</i>	@	<i>17.90</i>	<i>4654.00</i>
POZMIX		@		
GEL		@		
CHLORIDE	<i>7.33#</i>	@	<i>1.10</i>	<i>806.30</i>
ASC		@		
		@		
	<i>Flo-seal 6 5/8</i>	@	<i>2.97</i>	<i>193.05</i>
		@		
		@		
		@		
		@		
		@		
		@		

TOTAL *5,653.35*

DISCOUNT *50%* *2826.68*

REMARKS:

Circulated G.B.C. TO PIT

Thank you

SERVICE

HANDLING	<i>277 cu/ft</i>	@	<i>2.48</i>	<i>686.96</i>
MILEAGE	<i>2.25 ton/mile</i>	<i>13 ton</i>		<i>1430.00</i>
DEPTH OF JOB	<i>290.37</i>			
PUMP TRUCK CHARGE				<i>1512.25</i>
EXTRA FOOTAGE		@		
HV MILEAGE	<i>40 miles</i>	@	<i>2.20</i>	<i>308.00</i>
LV MILEAGE	<i>40 miles</i>	@	<i>4.40</i>	<i>176.00</i>
		@		
		@		

TOTAL *4,113.21*

DISCOUNT *50%* *2056.60*

CHARGE TO: *Suemaur*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

878

<i>3 Centralizers</i>	@	<i>25.00</i>	<i>225.00</i>
	@		
	@		
	@		
	@		

TOTAL *225.00*

DISCOUNT *50%* *112.50*

To: Allied OFS, 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.

PRINTED NAME *KELLY WILSON*

SIGNATURE *Kelly Wilson*

SALES TAX (If Any) _____

TOTAL CHARGES *9,991.56*

DISCOUNT *4,995.78 (50%)* IF PAID IN 30 DAYS

NET TOTAL *4,995.78* IF PAID IN 30 DAYS

Bid