

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](mailto: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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# GEOLOGIST'S REPORT

## DRILLING TIME AND SAMPLE LOG

**SUEMAUR EXPLORATION & PROD., LLC**  
**SCHIEFERECKE TRUST #1-7**  
**SEC. 7 TWP 6S RGE 28W**  
**NW 5E SW SE**  
**515' FSL & 1850' FEL**  
**SHERIDAN COUNTY, KANSAS**  
**API: 15-179-21426-00-00**

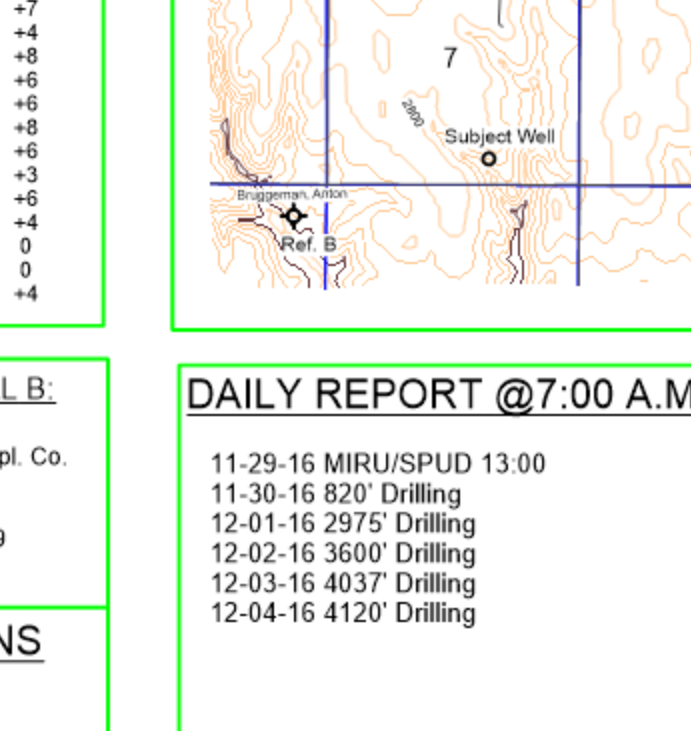
**DRILLING CONTR.: MURFIN RIG #7**  
**SPUD: 11-30-2016 COMP: XXXXXX**  
**MUD W/ 3050' TYPE MUD: CHEM.**  
**DRILL TIME: 3300' to RTD**  
**RTD: 4500' LTD: xxxx'**  
**SAMPLES SAVED: 3350' to RTD**  
**GEOLOGIST: ROBERT J. PETERSEN**

**ELEVATION**  
**KB: 2791**  
**GL: 2796**  
**LOG MEASURED FROM: KB**

**SURFACE CASING**  
**8 5/8" Set @303' w/ 270SX**  
**PRODUCTION CASING**

**WELL LOG SURVEYS**  
**WEATHERFORD**  
**Hi-Res AIL-DNL-ML-GR-SP**

Formation	Sample Top	Datum	Ref A	Ref B
Stone Corral	2536	260	+26	+5
Base Stone Corral	2566	230	+30	+9
Foraker	3407	-611	+36	+12
Stoller	3575	-779	+31	0
Howard	3655	-859	+36	+2
Topeka	3702	-906	+37	+4
Larsh	3806	-1010	+40	+3
Lecompton	3826	-1030	+39	+3
Oread	3851	-1055	+40	+7
Heebner	3893	-1097	+38	+4
Toronto	3922	-1126	+40	+8
Lansing	3937	-1141	+39	+6
C Zone	3965	-1169	+37	+6
E/F Zone	3985	-1189	+40	+8
G Zone	4017	-1221	+38	+6
Lower G por	4033	-1237	+32	+3
Muncie Cr	4037	-1241	+40	+6
Base H Zone	4068	-1272	+40	+4
J Zone	4096	-1300	+32	0
Stark	4106	-1310	+31	0
K Zone	4115	-1319	+39	+4

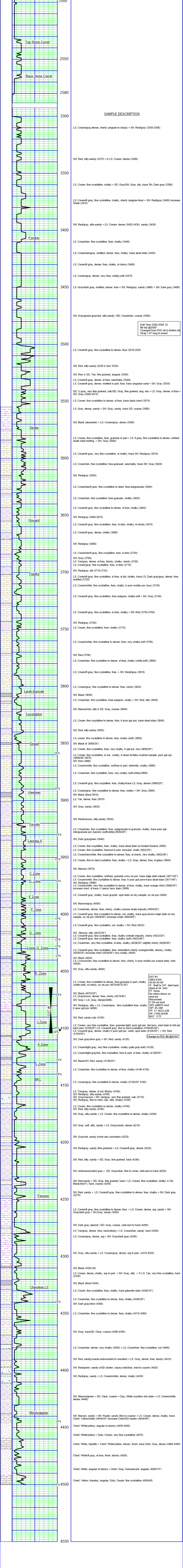


**REFERENCE WELL A:**  
 API: 15-179-20155  
 Petroleum Management Inc  
 Trommeter #1  
 NW SE SE SE 6-6-28W  
 Lon.: -100.4797501  
 Lat.: 39.5541066  
 Sheridan County, KS

**REFERENCE WELL B:**  
 API: 15-179-20737  
 Diamond Shamrock Expl. Co.  
 Anton Bruggeman #1  
 C NE NE 13-6S-29W  
 Longitude: -100.499009  
 Latitude: 39.536696  
 Sheridan County, KS

**DAILY REPORT @7:00 A.M.**  
 11-29-16 MIRU/SPUD 13:00  
 11-30-16 820' Drilling  
 12-01-16 2975' Drilling  
 12-02-16 3600' Drilling  
 12-03-16 4037' Drilling  
 12-04-16 4120' Drilling

**REMARKS AND RECOMMENDATIONS**



**SAMPLE DESCRIPTION**

Drill Time 3300-3500' 2X  
 Bit trip @3500'  
 Changed from PDC bit to Bitton bit  
 Strap 1.97 long to board

**DST #1**  
 4064-4104'  
 45-60-45-90'  
 IF: Built to 3/4" died back,  
 dead at 44' min  
 FF: None  
 No return blows on  
 shut-ins  
 Recovered:  
 5' Oil cut mud  
 20% oil/80% mud  
 SIP: 45-34#  
 FP: 17-19/21-22#  
 HP: 2108-2043#  
 BHT: 117F

Change to PDC Bit @4104'



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Suemaour Exploration & Production LLC

**7/6s/28w Sheridan KS**

539 N. Carancahua STE 1100  
Corpus Christi, TX 78401

**Schieferecke T #1-7**

Job Ticket: 61262

**DST#: 1**

ATTN: Bob Peterson

Test Start: 2016.12.03 @ 18:14:00

## GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:25:15

Time Test Ended: 02:44:45

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 83

**Interval: 4064.00 ft (KB) To 4104.00 ft (KB) (TVD)**

Total Depth: 4104.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2796.00 ft (KB)

2791.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8366 Outside**

Press@RunDepth: 21.75 psig @ 4065.00 ft (KB)

Start Date: 2016.12.03

End Date:

2016.12.04

Start Time: 18:14:05

End Time:

02:44:44

Capacity: 8000.00 psig

Last Calib.:

2016.12.04

Time On Btm:

2016.12.03 @ 20:25:00

Time Off Btm:

2016.12.04 @ 00:32:30

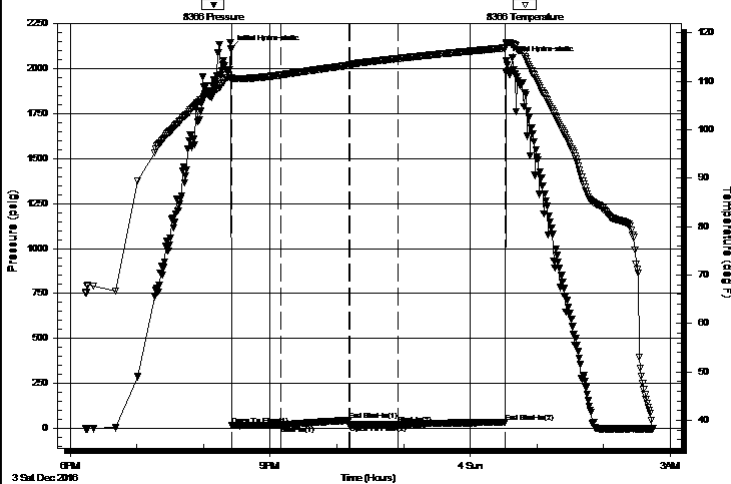
**TEST COMMENT:** 45 - IF: Blow built to 3/4", died back, dead at 44 min.

60 - IS: No blow

45 - FF: No blow

90 - FS: No blow

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2108.48	110.80	Initial Hydro-static
1	16.85	110.10	Open To Flow (1)
45	19.14	111.29	Shut-In(1)
106	44.82	113.31	End Shut-In(1)
107	20.54	113.31	Open To Flow (2)
151	21.75	114.68	Shut-In(2)
247	34.24	116.86	End Shut-In(2)
248	2043.00	117.92	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM 80% m, 20% o	0.02

## Gas Rates

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



# DRILL STEM TEST REPORT

Suemaur Exploration & Production LLC

**7/6s/28w Sheridan KS**

539 N. Carancahua STE 1100  
Corpus Christi, TX 78401

**Schieferecke T #1-7**

ATTN: Bob Peterson

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Total Depth: 4104.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 83

Reference Elevations: 2796.00 ft (KB)

2791.00 ft (CF)

KB to GR/CF: 5.00 ft

### Serial #: 6625

**Inside**

Press@RunDepth: psig @ 4065.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.12.03

End Date: 2016.12.04

Last Calib.: 2016.12.04

Start Time: 18:14:05

End Time: 02:45:14

Time On Btm:

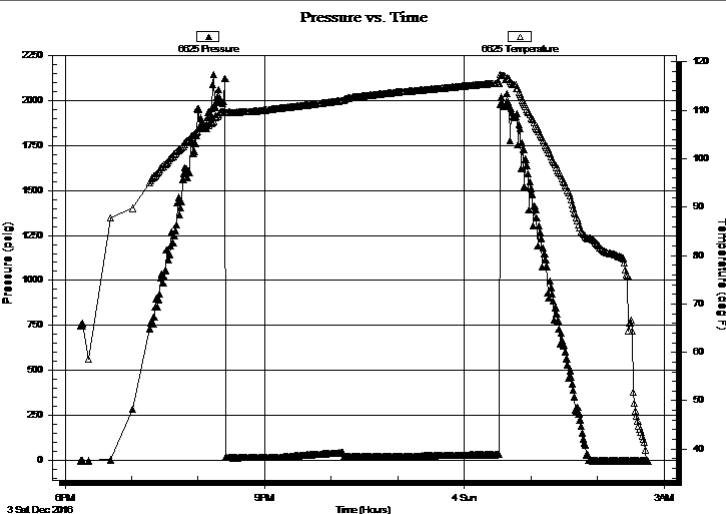
Time Off Btm:

TEST COMMENT: 45 - IF: Blow built to 3/4", died back, dead at 44 min.

60 - ISI: No blow

45 - FF: No blow

90 - FSI: No blow



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM 80% m, 20% o	0.02

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Suemaar Exploration & Production LLC

**7/6s/28w Sheridan KS**

539 N. Carancahua STE 1100  
Corpus Christi, TX 78401

**Schieferecke T #1-7**

Job Ticket: 61262

**DST#: 1**

ATTN: Bob Peterson

Test Start: 2016.12.03 @ 18:14:00

### 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: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in<sup>3</sup>

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
5.00	OCM 80% <sub>m</sub> , 20% <sub>o</sub>	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

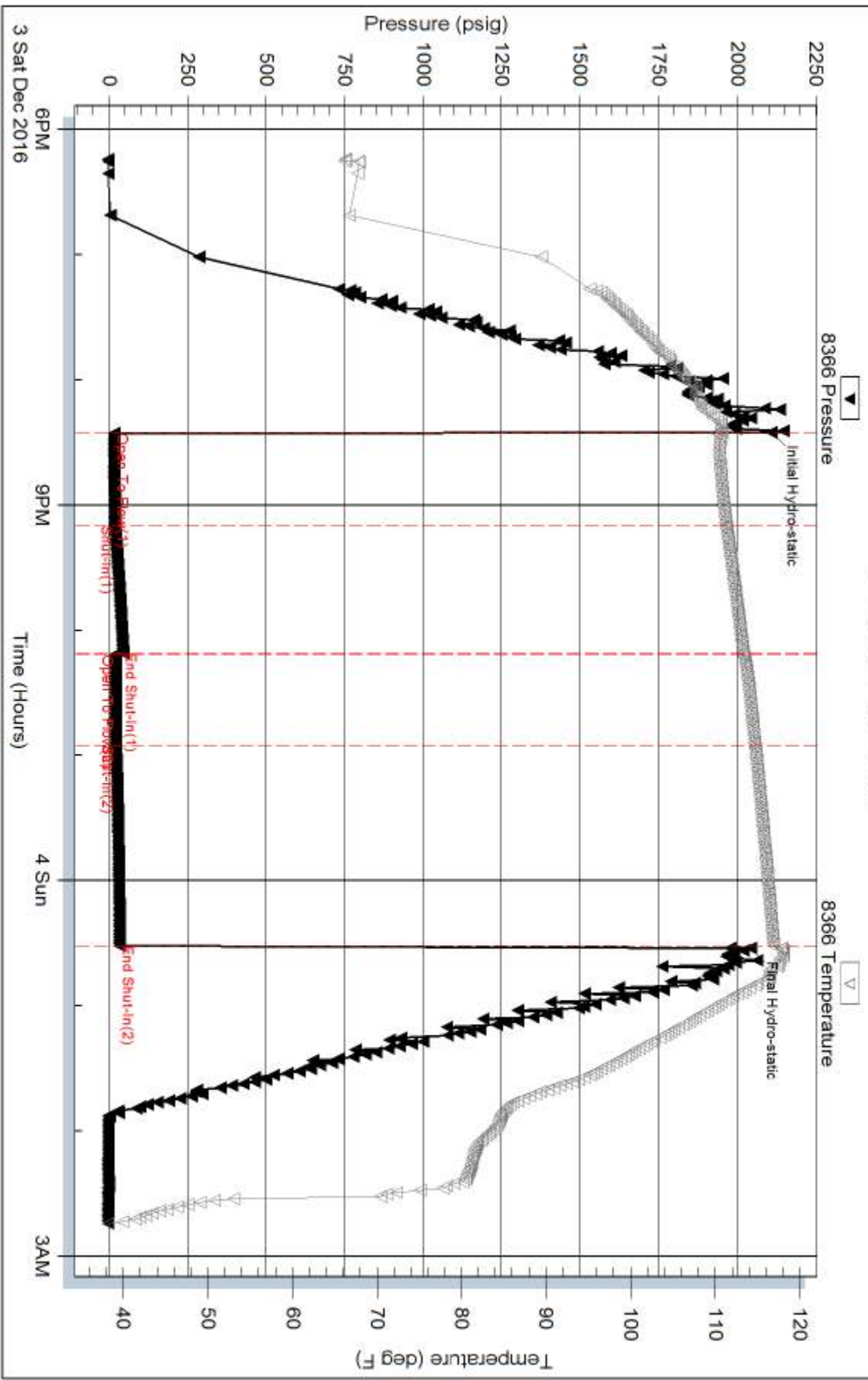
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





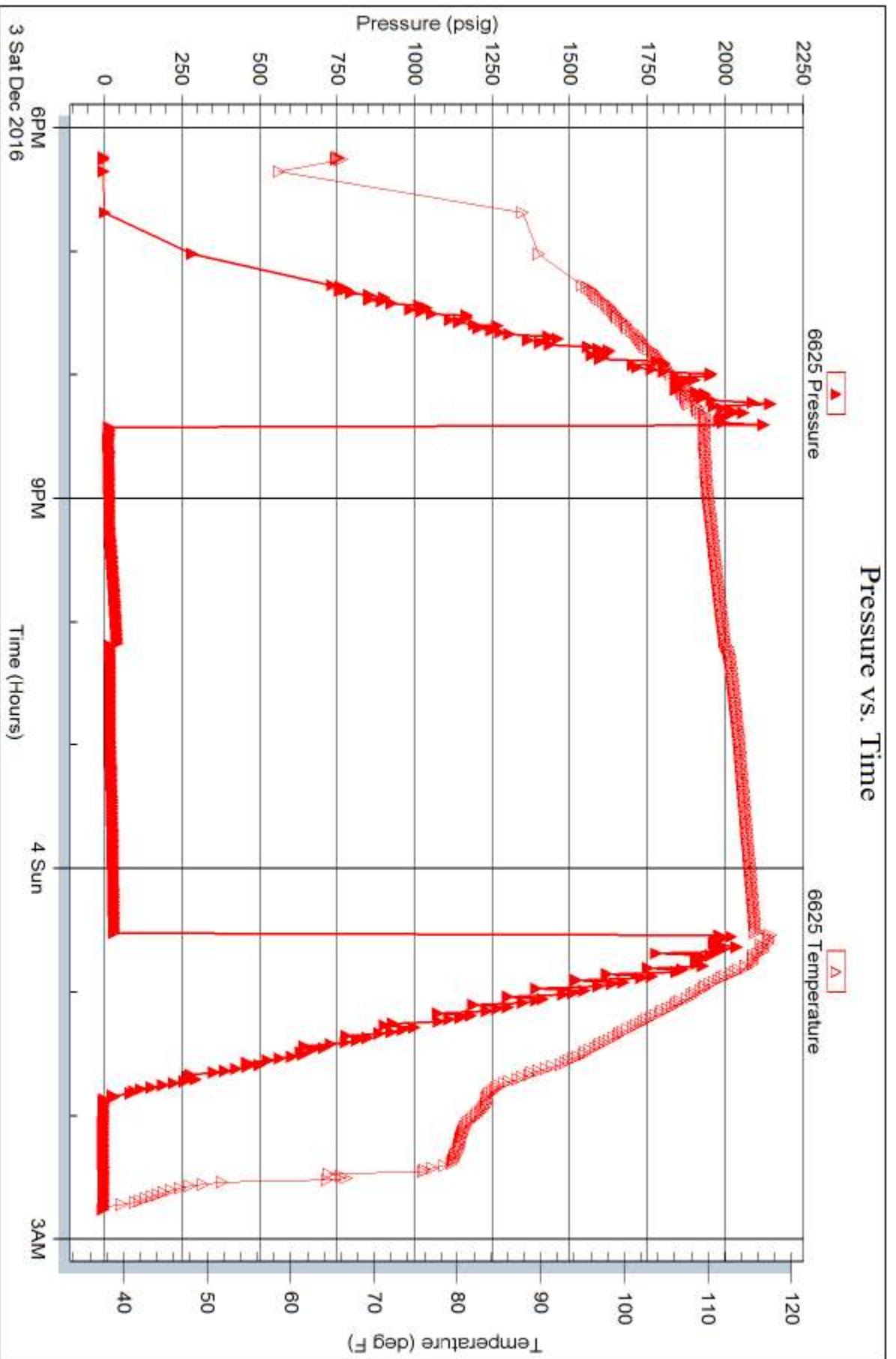
Serial #: 6625

Inside

Suenaur Exploration & Production LLC

Schiefercke T #1-7

DST Test Number: 1



Field Ticket Number: 1611291500      Field Ticket Date: Tuesday, November 29, 2016

**Bill To:**  
Suemaur Exploration & Production, LLC  
6300 Ridglea Place  
Fort Worth, TX 76116

**Job Name:** 01 Surface  
**Well Location:** Sheridan, Kansas  
**Well Name:** Schieferecke  
**Well Number:** 1-7  
**Well Type:** New Well  
**Rig Number:**  
**Shipping Point:** Oakley, KS  
**Sales Office:** Mid Con

PERSONEL		EQUIPMENT	
Terry Heinrich	Roger Smith	431	
Wayne	Bobby Lewis	373-306	
Roger Smith			
Bobby Lewis			

SERVICES - SERVICES - SERVICES							
Description	QTY	UOM	Unit Amt	Gross Amt	Unit Net	Discount	Net Amount
PUMP,CASING CEMENT 0-500 FT	1.00	min. 4 hr	1,512.25	1512.25	756.13	50.0%	756.13
PHDL	290.00	per cu. Ft.	2.48	719.20	1.24	50.0%	359.60
DRYG	525.00	ton-mile	2.75	1443.75	1.38	50.0%	721.88
MILV	40.00	per mile	4.40	176.00	2.20	50.0%	88.00
MIHV	40.00	per mile	7.70	308.00	3.85	50.0%	154.00

FLOAT EQUIPMENT -- FLOAT EQUIPMENT -- FLOAT EQUIPMENT							
CEN-8.625	3.00	each	75.00	225.00	37.50	50.0%	112.50
BCSC - 8.625	1.00	each	69.00	69.00	34.50	50.0%	34.50

MATERIALS - MATERIALS - MATERIALS							
--	5.00	bbf	0.00	0.00	0.00	50.0%	0.00
CCAC	270.00	sack	17.90	4,833.00	8.95	50.0%	2,416.50
CA-100	762.00	pound	1.10	838.20	0.55	50.0%	419.10
CLC-CPF	68.00	pound	2.97	201.96	1.49	50.0%	100.98

ADDITIONAL ITEMS - ADDITIONAL ITEMS - ADDITIONAL ITEMS							
Additional hours, in excess of set hours		per hour	440.00	0.00	220.00	50.0%	0.00

	Gross	Discount	Final
Services Total	4,159.20	2,079.60	2,079.60
Equipment Total	294.00	147.00	147.00
Materials Total	5,873.16	2,936.58	2,936.58
Additional Items	0.00	0.00	0.00
<b>Final Total</b>	<b>10,326.36</b>	<b>5,163.18</b>	<b>5,163.18</b>

Allied Rep: \_\_\_\_\_  
Customer Agent: \_\_\_\_\_

This output does NOT include taxes. Applicable sales tax will be billed on the final invoice.  
Customer hereby acknowledges receipt of the materials and services described above and on the attached documents.  
I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the following page.

X Kelly Wilson  
Customer Signature

Field Ticket Total (USD):

**\$5,163.18**

**GENERAL TERMS AND CONDITIONS**

DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied OFS, LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "JOB" relates to the services described on the front side of this contract, "MERCHANDISE" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.





# ALLIED OFS, LLC

Federal Tax I.D. #81-2169190

21910  
68191 877  
1462

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

SERVICE POINT: Dallas

DATE <u>10/15/16</u>	SEC <u>7</u>	TWP. <u>6</u>	RANGE <u>28</u>	CALLED OUT	ON LOCATION	JOB START <u>4:30</u>	JOB FINISH <u>5:30</u>
LEASE TIME <u>1 hr</u>	WELL # <u>1-7</u>	LOCATION <u>Asie N to 130 W - N 70 S</u>		COUNTY <u>Schickel</u>	STATE <u>TX</u>		
OLD OR (NEW) (Circle one)							

CONTRACTOR Max E. W. 7

TYPE OF JOB 110

HOLE SIZE 7 7/8 T.D.

CASING SIZE 8 1/2 DEPTH 220'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER Same

CEMENT AMOUNT ORDERED 255 60/40  
4 3/4 gal 148.60

COMMON 255 @ 18.92 4824.60

POZMIX @

GEL @

CHLORIDE @

ASC @

Flo Seal 64 @ 2.92 192.08

TOTAL 5,014.68

DISCOUNT 50% 2,507.34

### REMARKS:

50 SK @ 2.557'

100 SK @ 17.70'

50 SK @ 36.0'

10 SK @ 40'

30 SK H

15 SK M H

### SERVICE

HANDLING 274 @ 2.48 679.52

MILEAGE 22.5 @ 11.5700 1265.00

DEPTH OF JOB

PUMP TRUCK CHARGE 2483.59

EXTRA FOOTAGE @

HV MILEAGE 40 @ 7.22 308.80

LV MILEAGE 40 @ 4.40 176.00

TOTAL 4,912.11

DISCOUNT 50% 2,456.05

CHARGE TO: Sac mant

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### PLUG & FLOAT EQUIPMENT

8 1/8 wood Plug @ 110.00

TOTAL 110.00

DISCOUNT 50% 55.00

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 10,036.79

DISCOUNT 5,018.39 (50%) IF PAID IN 30 DAYS

NET TOTAL 5,018.39 IF PAID IN 30 DAYS



# CEMENTING LOG

STAGE NO. \_\_\_\_\_

Date 12/5/16 District Rockley Ticket No. 68191  
 Company Sudman Rig 1-7  
 Lease Scheferoch Well No. 1-7  
 County Sheridan State WY  
 Location \_\_\_\_\_ Field \_\_\_\_\_

CEMENT DATA:

Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type 10140 400 gal  
114 SPD Excess \_\_\_\_\_

Amt. 255 Skys Yield 1.42 ft<sup>3</sup>/sk Density 13 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner

Size \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Pump Trucks Used 431  
 Bulk Equip. 323

Drill Pipe: Size 4 1/2 Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 5 7/8 T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

Float Equip: Manufacturer \_\_\_\_\_

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Float: Type \_\_\_\_\_ Depth \_\_\_\_\_

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_

Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Special Equip. \_\_\_\_\_

Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Disp. Fluid Type W-O Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG

Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Mud Type Big Mud Weight \_\_\_\_\_ PPG

Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER AK

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						On location SPT, int, set up
				10.0	5.0	Pump start
				8 1/4		mix 50 SK @ 2550
				16 1/4		mix 100 SK @ 1770
				8 1/4		mix 50 SK @ 360
				2		10 SK @ 40'
				5		mix 30 SK @ RT
				2 1/2		mix 15 SK @ MH