



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1311691
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1311691

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

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

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

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

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

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Stewart Producers, Inc.
Well Name	Sutton 2
Doc ID	1311691

Tops

Name	Top	Datum
Anhydrite	1608	+724
Base Anh.	1643	+689
Heebner	3683	-1351
Lansing	3726	-1394
BKC	4062	-1730
Pawnee	4151	-1819
Ft. Scott	4229	-1897
Cherokee	4254	-1922
Mississippian	4326	-1994
Total Depth	4420	-2088



CHARGE TO: Stewart Producers
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 29220

PAGE 1 OF 2

SERVICE LOCATIONS: New City, KS
 1. WELL/PROJECT NO. #2 LEASE Sutton COUNTY/PARISH Neos STATE KS CITY New City DATE May 27 2016 OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR
 3. WELL TYPE oil WELL CATEGORY dev JOB PURPOSE cement long string RIG NAME/NO. 12 SHIPPED VIA CT DELIVERED TO location ORDER NO.
 4. REFERRAL LOCATION WELL PERMIT NO. 8-18-24 WELL LOCATION

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT							
575		1			15	mi			5.00	75.00
578		1		MILEAGE	1	ea			1250.00	1250.00
403		1		Pump Charge	5 1/2	in	1	ea	250.00	250.00
404		1		Cement Baskets	5 1/2	in	1	ea	250.00	250.00
406		1		Port Collar	5 1/2	in	1	ea	225.00	225.00
407		1		Latch down plug & bezzle	5 1/2	in	1	ea	300.00	300.00
409		1		Inset float shoe w/ AUTO AIR	5 1/2	in	10	ea	75.00	750.00
419		1		TURBOLIZER	5 1/2	in	1	ea	200.00	200.00
				Rotating head rental						

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

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

DATE SIGNED: 23rd A.M. P.M.

TIME SIGNED: 2:30

SWIFT OPERATOR: Atlan Blunkel

APPROVAL: Bejall

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 WE UNDERSTOOD AND MET YOUR NEEDS?
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
 ARE YOU SATISFIED WITH OUR SERVICE?

AGREE UN-DECIDED DIS-AGREE

PAGE TOTAL: pg 1 535.00
pg 2 57.77
 Subtotal: 1092.77
 Less Co. 6.5%
 TOTAL: 11294.24



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

TICKET CONTINUATION

TICKET No. 29220

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		TIME	DESCRIPTION	WELL		UNIT PRICE	PAGE	OF	
		LOC	ACCT			DF	STATION #				QTY
225	330	1			SMP cement	125	sk	15.75	27	1968	75
325		1			Standard cement (Pozex 2)	100	sk	12.25		1225	00
284		1			cal seal	500	lb	30.00		1500	00
283		1			salt	500	lb	0.20		100	00
285		1			CFR-1	50	lb	4.50		225	00
276		1			Floccule	50	lb	2.25		112	50
290		1			D-air	2 gal		42.00		84	00
281		1			mud flush	500	gal	1.25		625	00
221		1			KCL liquid	4 gal		25.00		100	00
582		1			Drayage (min)		1 ea	250.00		250	00
581		1			SERVICE CHARGE			1.50		337	50
MILEAGE CHARGE						225	LOADED MILES				
TOTAL WEIGHT						22,850					
CUBIC FEET											
TON MILES											

CONTINUATION TOTAL 5177 75



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



JUN 13 2016

1768

Invoice

DATE	INVOICE #
6/6/2016	28908

BILL TO
Stewart Producers, Inc. P. O. Box 546 Mt. Vernon, IL 62864-0546

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2	Sutton	Ness	Express Well	Oil	Development	Cement Port Collar	Wayne
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				15	Miles	5.00	75.00
576D-D	Pump Charge - Deep Surface (> 500 Ft.) & Port Collars				1	Job	1,250.00	1,250.00
105	Port Collar Tool Rental With Man				1	Each	275.00	275.00T
330	Swift Multi-Density Standard (MIDCON II)				145	Sacks	15.75	2,283.75T
276	Flocele				50	Lb(s)	2.25	112.50T
290	D-Air				2	Gallon(s)	42.00	84.00T
581D	Service Charge Cement				200	Sacks	1.50	300.00
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							4,630.25
	Sales Tax Ness County						6.50%	179.09

925

ENTERED
452051

A SUTTON

We Appreciate Your Business!

Total

\$4,809.34



Services, Inc.

TICKET 28908

CHARGE TO: **STEWART PRODUCERS**
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

PAGE 1 OF 1

SERVICE LOCATION 1. Ness Gty, Ks	WELL/PROJECT NO. #2	LEASE SUTTON	COUNTY/PARISH Ness	STATE Ks	CITY	DATE 6-6-16	OWNER same
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR Express Well Service	RIG NAME/NO.	SHIPPED VIA CR	DELIVERED TO LOCATION	WELL PERMIT NO.	ORDER NO.	
WELL TYPE Oil	WELL CATEGORY Development	JOB PURPOSE Cement Port Cover				WELL LOCATION Ness Gty, Ks	
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					111						5.00	75.00
576D					PUMP CHARGE	1.00	1607	FT			1250.00	1250.00
105					PORT COVER OPERATE TOOL	1					275.00	275.00
330					SWIFT MULTI-DEUSER STANDARD	145					15.75	2283.75
276					FLOCELE	50					2.25	112.50
290					D-ADR	2					42.00	84.00
581					SERVICE CHARGE CEMENT	200					1.50	300.00
582					MINIMUM DRYAGE CHARGE	19950					149.63	2950.00

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

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 DATE SIGNED: **6-6-16** TIME SIGNED: **1300**
 SIGNATURE: _____

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

SURVEY		AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

PAGE TOTAL: **4630.25**
 TAX: **179.09**
 TOTAL: **4809.34**

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR: **Dave Watson** APPROVAL: _____
 Thank You!

GEOLOGIC REPORT

DAVID J. GOLDAK

WICHITA, KANSAS
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Sutton #2
Location: Section 8 - T18S - R24W
License Number: API: 15-135-25909
Spud Date: 05 / 21 / 2016
Surface Coordinates: 1650' FSL and 920' FWL
Approx. SE - NW - SW
Region: Ness Co., KS
Drilling Completed: 05 / 27 / 2016
Bottom Hole Coordinates:
Ground Elevation (ft): 2324' K.B. Elevation (ft): 2332'
Logged Interval (ft): 3500' To: 4420' Total Depth (ft): 4420'
Formation: Mississippian
Type of Drilling Fluid: Chemical - Mud Co

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Stewart Producers, Inc.
Address: PO Box 546
Mt Vernon, IL 62864

GEOLOGIST

Name: David J. Goldak
Company: D. J. GOLDAK, INC.
Address: 155 N. Market, Suite 710
Wichita, Kansas 67202

General Info

CONTRACTOR: WW Drilling, Rig #12

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	Smith-?	4-15s	233	233	3.00
2	7-7/8	Smith-F12	14-14-15	4017	3784	67.75
3	7-7/8	Smith-F27	14-14-15	4420	403	23.00

SURVEYS: 233'-0.75, 4017'-0.75, 4420'-0.75

GENERAL DRILLING & PUMP INFORMATION:

Drilling with 33,000-35,000 lbs on bit and 70-80 RPM.
Running 6.5 stands of collars (6.25"x2.25"): 395.04'
Pumping 60 S/M; 7.74 B/M; and 800 psi at the Standpipe.

Daily Status

05/21/16 - Spud at 7:15 AM; Set 8-5/8" Csg at 232'
 05/22/16 - 1,420' Drilling
 05/23/16 - 2,915' Drilling; Displace at 3,538'
 05/24/16 - 3,766' Drilling; Bit trip at 4,017'
 05/25/16 - 4,065' Drilling
 05/26/16 - 4,347' TOH for DST #1; DST #2 in PM
 05/27/16 - 4,420' CFS; TOH for logging

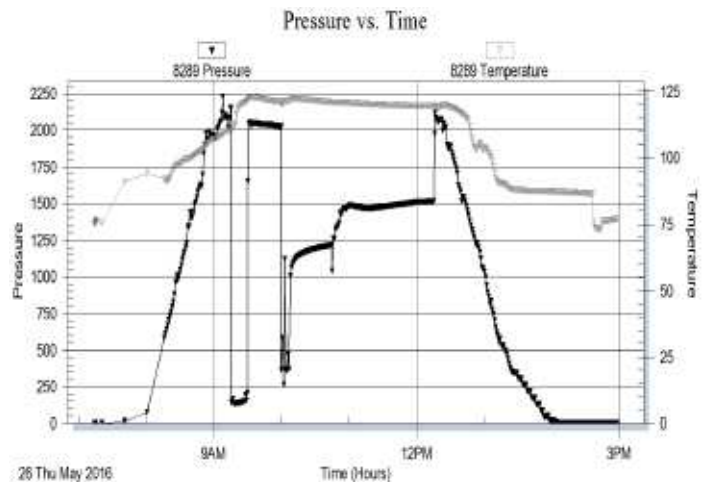
	Log Tops	Sample Tops
Anhydrite	1608 (+724)	
Base/Anhy	1643 (+689)	1650 (+682)
Heebner	3683 (-1351)	3686 (-1354)
Lansing	3726 (-1394)	3728 (-1396)
Stark Sh	4008 (-1676)	4004 (-1672)
BKC	4062 (-1730)	4058 (-1726)
Pawnee	4151 (-1819)	4146 (-1814)
Ft Scott	4229 (-1897)	4230 (-1898)
Cherokee	4254 (-1922)	4256 (-1924)
Mississippian	4326 (-1994)	4333 (-2001)
Total Depth	4420 (-2088)	4420 (-2088)

DST #1: 4,307' - 4,347' (Mississippian) MIS-RUN
 15" - 30" - 45" - 90"

IF: Good blow building to BOB in 3 minutes
ISI: Weak blow building to 2 inches
FF: Building to BOB in 1-1/2 minutes, then decreasing
FSI: No blow back

RECOVERY: 250' GIP & 750' Total Fluid:
 45' CO (100% O); Gravity: 35 API
 267' MCO (75% O & 25% M)
 438' OSM (1% O & 99% M)

FP: 139-208, 366-1217 (FFP plugged, creating SIP)
All other pressures invalid
Mis-run due to plugging and leaking around packers

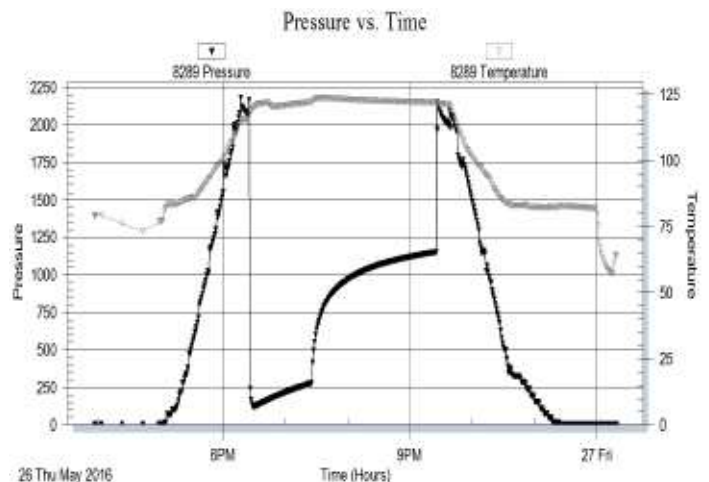


DST #2: 4,292' - 4,347' (Mississippian)
 60" - 120" - 0" - 0"

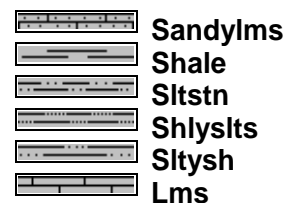
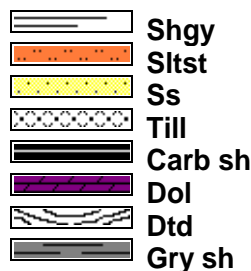
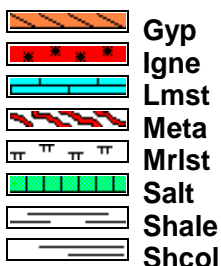
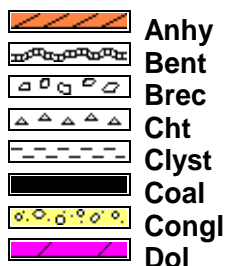
IF: Good blow building to BOB in 3-1/2 minutes
ISI: Surface blow, died in 12 minutes

RECOVERY: 170' GIP & 770' Total Fluid:
 713' GCO (10% G & 90% O); Gravity: 35 API
 62' GOSM (10% G, 2% O & 88% M)

SIP: 1153; FP: 137-279; HP: 2161-2149; BHT: 122



ROCK TYPES

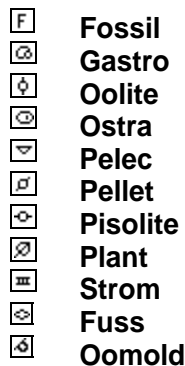
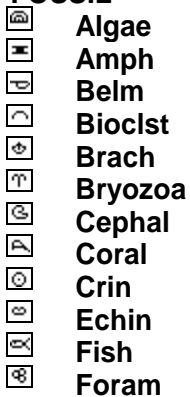


ACCESSORIES

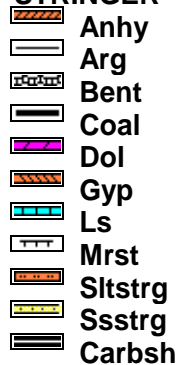
MINERAL



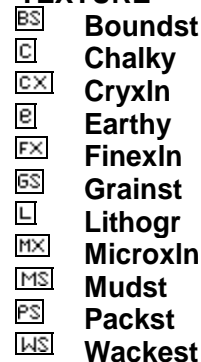
FOSSIL



STRINGER

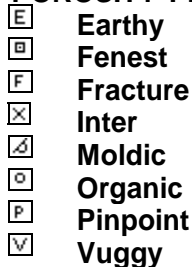


TEXTURE



OTHER SYMBOLS

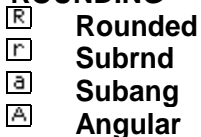
POROSITY TYPE



SORTING



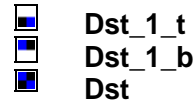
ROUNDING



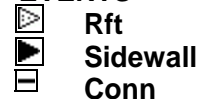
OIL SHOWS


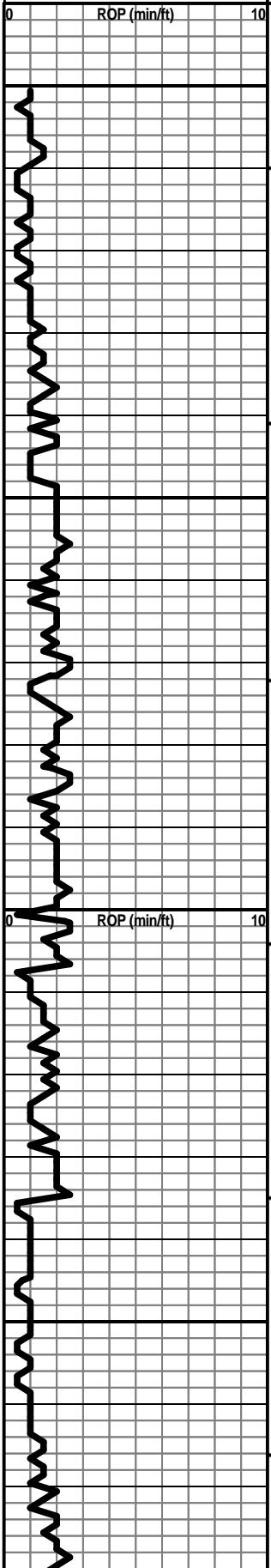


INTERVALS



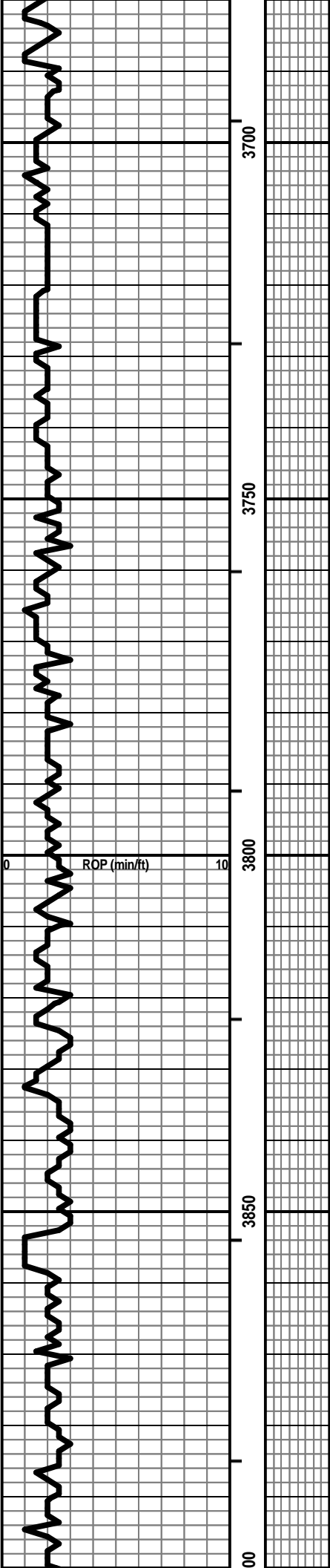
EVENTS



<p>Curve Track 1</p> <p>ROP (min/ft) </p>	<p>Depth</p>	<p>Porosity</p>	<p>Lithology</p>	<p>Geological Descriptions</p>	<p>Remarks</p>
	<p>0</p> <p>10</p> <p>3500</p> <p>3550</p> <p>3600</p> <p>3650</p>	<p>24%</p> <p>18%</p> <p>12%</p> <p>6%</p>	<p>Oil Shows</p>		<p>DRLG WITH BIT #2: 7-7/8" CONV NEW SMITH-F12; JETS: 14-14-15</p> <p>DISPLACE MUD SYSTEM @ 3,538'</p> <p>Vis: 50, Wt: 8.9, LCM: 2#</p>

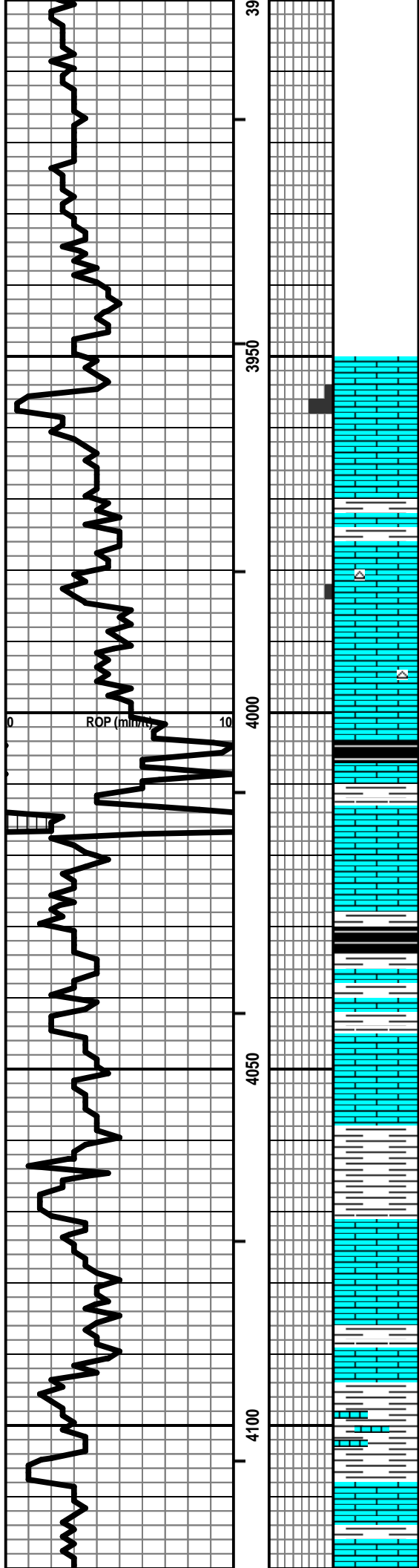
HEEBNER 3686 (-1354)

LANSING 3728 (-1396)



Vis: 45, Wt: 9.0, YP: 12,
GelS: 8/26, pH: 10.5, WL: 8.0,
Chl: 4,200, Sol: 4.8, LCM: 1#

Vis: 54, Wt: 8.9, LCM: 4#



LS - CRM / TAN, F / VF XLN, OOL, F / G OOM POR, F INTXLN
POR, SCAT CHKY, NS

LS - TAN / CRM, VF / F XLN, SL FOSS, CHKY IN PT, PRED
DNS, NS

LS - CRM / TAN / GY, F / VF XLN, FOSS + OOL, SCAT PPT + P
OOM POR, PRED DNS, NS W/ TR CHT - WHT

LS - TAN / CRM, VF XLN, FOSS + OOL IN PT, CHKY IN PT,
PRED DNS, NS W/ SCAT CHT - LT GY / WHT W/ SCAT SH -
GY / BLK

V POOR SAMPLES

LS - CRM / TAN, VF / F XLN, OOL + FOSS IN PT, VP / NO VIS
POR, NS W/ SCAT CHT - LT GY / WHT

SH - GY / BLK W/ LS - AS ABOVE

LS - TAN / BRN / SCAT CRM, VF / F XLN, SL FOSS, PRED
DNS, NS

SH - GY / GRN / BRN / RED

LS - CRM / TAN, VF / SCAT F XLN, FOSS IN PT, V CHKY, PRED
DNS, NS

LS - CRM / GY / WHT, VF / F XLN, SCAT CRYPTO XLN, SL
FOSS IN PT, PRED DNS, NS W/ ABNT SH - GY / DK GY

LS - CRM / TAN, F / VF XLN, OOL + FOSS IN PT, PRED DNS,
NS

STARK SHALE 4004 (-1672)

VERY HEAVY RAIN - SEVERAL INCHES OF WATER
ON PITS

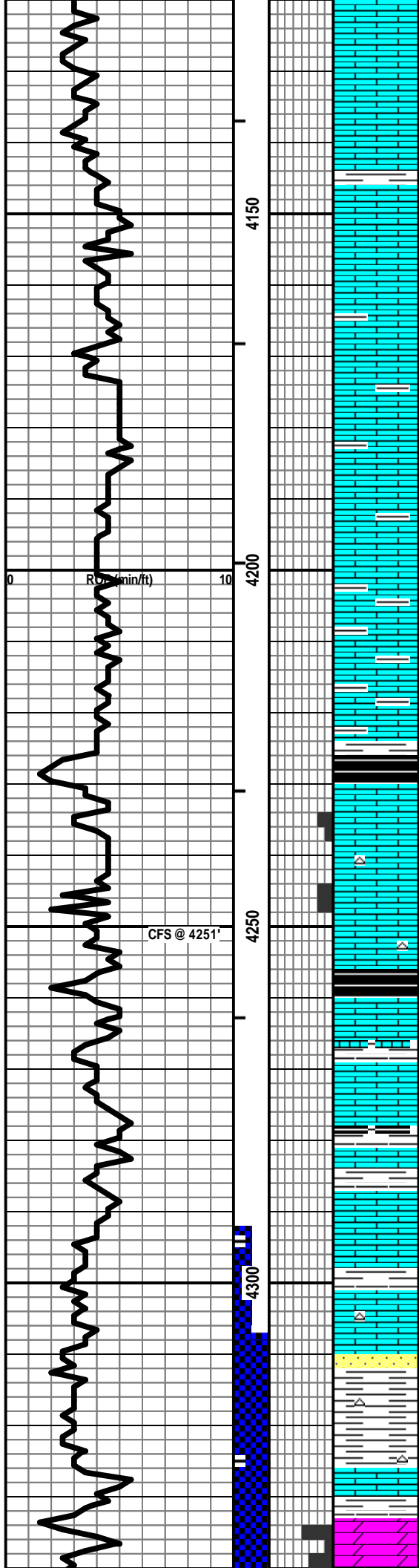
BIT TRIP AT 4017'

DRLG WITH BIT #3: 7-7/8" CONV USED
SMITH-F27; JETS: 14-14-15

Vis: 40, Wt: 9.0, LCM: 2#

BASE OF KC 4058 (-1726)

Vis: 49, Wt: 9.1, YP: 11,
GelS: 8/28, pH: 10.5, WL: 8.8,
Chl: 5.500, Sol: 5.4, LCM: Tr



LS - CRM / TAN / GY, VF / F XLN, SL FOSS IN PT, PRED DNS, NS

PAWNEE 4146 (-1814)

LS - TAN / BRN / CRM, VF / F XLN, TR M REXLN CALC, MOD CHKY, PRED DNS, NS

LS - TAN / GY / BRN, VF / SCAT F XLN, SUBCHKYIN PT, ARGIL IN PT, PRED DNS, NS

Vis: 48, Wt: 9.1, LCM: 0.5#

LS - BRN / GY / SCAT TAN, VF / SCAT F XLN, SUBCHKYIN PT, ARGIL IN PT, PRED DNS, NS

LS - BRN / GY, VF / SCAT F XLN, SUBCHKYIN PT, ARGIL IN PT, PRED DNS, NS W/ ABNT SH - GY / BLK

FT SCOTT 4230 (-1898)

LS - CRM / TAN, F XLN, FOSS, SL OOL, F VUG + INTXLN POR IN PT (FAIR %), F / G SFO + GB, F ODOR, SPTYLT BRN STN, G FLUOR + CUT

Vis: 55, Wt: 9.1+, LCM: 2#

LS - CRM / TAN, F XLN, FOSS, SL OOL, F / G VUG + P / G INTXLN POR IN PT (SMALL %), F / G SFO + GB, G ODOR, SPTYLT BRN STN, G FLUOR + CUT W/ SCAT CHT - LT GY

CHEROKEE SH 4256 (-1924)

LS - TAN / BRN / SCAT GY, F / VF XLN, FOSS IN PT, SL OOL, PRED DNS, NS

DST #1: 4,307' - 4,347' (Mississippian)
15" - 30" - 45" - 90" MIS-RUN

LS - CRM / TAN, VF / F XLN, SL FOSS, SUBCHKYIN PT, PRED DNS, NS W/ SCAT SH - GY / BLK

IF: Good blow, BOB in 3 min.
ISI: Weak blow building to 2 in.
FF: BOB in 1-1/2 min, the decreasing
FSI: No blow back

LS - CRM / TAN / BRN, MOT IN PT, F / VF XLN, SCAT CRYPTO XLN, SCAT CHKY, PRED DNS, NS W/ SH - GY / GRN

RECOVERY: 250' GIP & 750' Total Fluid:
45' CO (100% O)
267' MCO (75% O & 25% M)
438' OSM (1% O & 99% M)
Oil Gravity: 35 API

LS - CRM / TAN / SCAT BRN, F / VF XLN, SCAT CHKY, PRED DNS, NS W/ SCAT CHT - LT GY

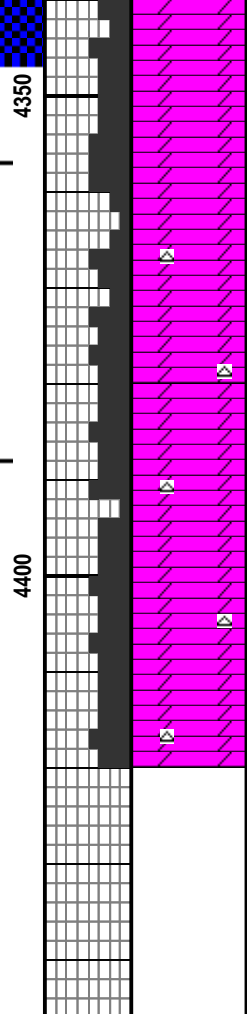
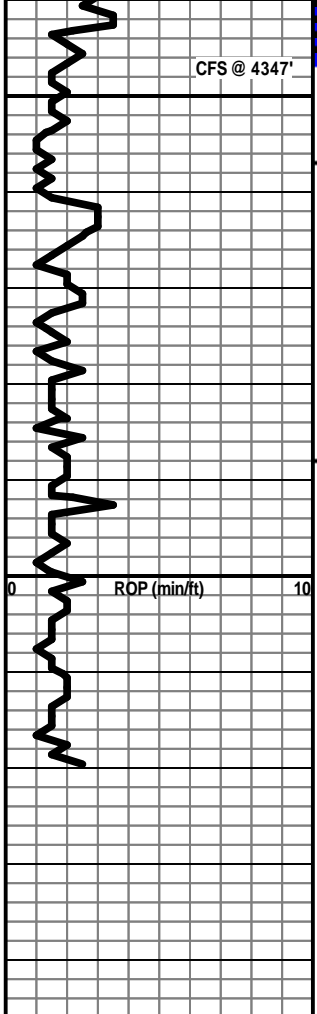
FP: 139-208, 366-1217
(FFP plugged off, creating SIP)
All other pressures invalid.

LS - V SIM TO ABOVE, PRED DNS, NS W/ SH - GY / GRN, TR SLTY W/ SCAT CHT - GY W/ SCAT SS CLSTRS - GY, F GR, SIL CEM, V WELL CEM / CHTY, NO VIS POR, SL / F SFO + GLS, BLK STN

Mis-run due to plugging and leaking around packers.

DOLO - LT GY / CRM, F / SCAT M XLN, P / G VUG + INTXLN POR, F / G SFO, G ODOR, SAT / SPTY STN, G FLUOR + CUT

MISSISSIPPIAN 4333 (-2001)



DOLO - LT GY / CRM, F / SCAT M XLN, F / G VUG + INTXLN
 POR, F / G SFO, G ODOR, PRED SAT STN, G FLUOR + CUT

DOLO - LT GY / CRM, F / SCAT M XLN, F / G VUG + INTXLN
 POR, F / G SFO IN PT, PSFO IN PT / TR BARR, G ODOR, PRED
 SPTY / SAT STN

DOLO - LT GY / CRM, F / SCAT M XLN, F / G VUG + INTXLN
 POR, SL / F SFO, BARR IN PT, F / FT ODOR, SPTY / NO STN
 W / SCAT CHT - LT GY / WHT

DOLO - LT GY / CRM, F / SCAT M XLN, F / G VUG + INTXLN
 POR, SSFO IN PT, PRED BARR, FT / NO ODOR, PRED NO STN
 W / SCAT CHT - LT GY / WHT

DOLO - LT GY / CRM, F / SCAT M XLN, F / G VUG + INTXLN
 POR, PRED NS, NO ODOR W / SCAT CHT - LT GY / WHT

Vis: 51, Wt: 9.3, YP: 12,
 GeIS: 8/30, pH: 9.0, WL: 8.4,
 Chl: 5,500, Sol: 6.8, LCM: 1#

PIPE STRAP @ 4347': SHORT 0.21'

DST #2: 4,292' - 4,347' (Mississippian)
 60" - 120" - 0" - 0"

IF: Good blow, BOB in 3-1/2 min.
 ISI: Surface blow, died in 12 min.

RECOVERY: 170' GIP & 770' Total Fluid:
 713' GCO (10% G & 90% O)
 62' GOSM (10% G, 2% O & 88% M)
 Oil Gravity: 35 API

SIP: 1153 HP: 2161-2149
 FP: 137-279 BHT: 122

Vis: 50, Wt: 9.2, YP: 12,
 GeIS: 8/36, pH: 10.0, WL: 8.8,
 Chl: 6,000, Sol: 6.1, LCM: 1#

TOTAL DEPTH 4420 (-2088)



DRILL STEM TEST REPORT

Prepared For: **Stewart Producers Inc**

301 N 27th St Box 546
Mt Vernon IL 62864-0546

ATTN: Dave Goldak

Sutton 2

8 18s 24w Ness

Start Date: 2016.05.26 @ 07:14:00

End Date: 2016.05.26 @ 14:59:00

Job Ticket #: 64926 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2016.05.27 @ 10:49:13



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Stewart Producers Inc
 301 N 27th St Box 546
 Mt Vernon IL 62864-0546
 ATTN: Dave Goldak

8 18s 24w Ness
Sutton 2
 Job Ticket: 64926 **DST#: 1**
 Test Start: 2016.05.26 @ 07:14:00

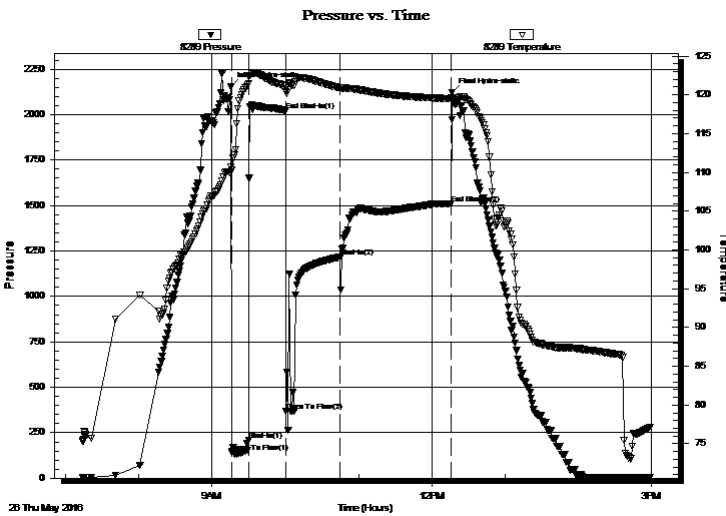
GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:16:00
 Time Test Ended: 14:59:00
 Interval: **4307.00 ft (KB) To 4347.00 ft (KB) (TVD)**
 Total Depth: 4347.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jim Svaty
 Unit No: 76
 Reference Elevations: 2332.00 ft (KB)
 2325.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8289 Outside
 Press@RunDepth: 1217.21 psig @ 4312.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.05.26 End Date: 2016.05.26 Last Calib.: 2016.05.26
 Start Time: 07:14:02 End Time: 14:59:00 Time On Btm: 2016.05.26 @ 09:15:30
 Time Off Btm: 2016.05.26 @ 12:16:30

TEST COMMENT: 15-IFP- BOB in 15 min.
 30-ISIP- Surface Blow in 2min. Building to 2". In 10 min.
 45-FFP- BOB in 1 1/2 min. Died Back to 8"
 90-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2154.64	110.72	Initial Hydro-static
1	139.69	110.27	Open To Flow (1)
15	208.18	121.46	Shut-In(1)
45	2023.48	121.12	End Shut-In(1)
45	366.71	120.34	Open To Flow (2)
90	1217.21	120.86	Shut-In(2)
180	1511.34	119.52	End Shut-In(2)
181	2120.56	119.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
435.00	OSM 1%o 99% m	5.00
267.00	MCO 25% m 75% o	3.75
45.00	CO 100%	0.63
0.00	250 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Stewart Producers Inc

8 18s 24w Ness

301 N 27th St Box 546
Mt Vernon IL 62864-0546

Sutton 2

Job Ticket: 64926

DST#: 1

ATTN: Dave Goldak

Test Start: 2016.05.26 @ 07:14:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:16:00

Time Test Ended: 14:59:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 76

Interval: 4307.00 ft (KB) To 4347.00 ft (KB) (TVD)

Reference Elevations: 2332.00 ft (KB)

Total Depth: 4347.00 ft (KB) (TVD)

2325.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8789 Inside

Press@RunDepth: psig @ 4312.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.05.26 End Date: 2016.05.26

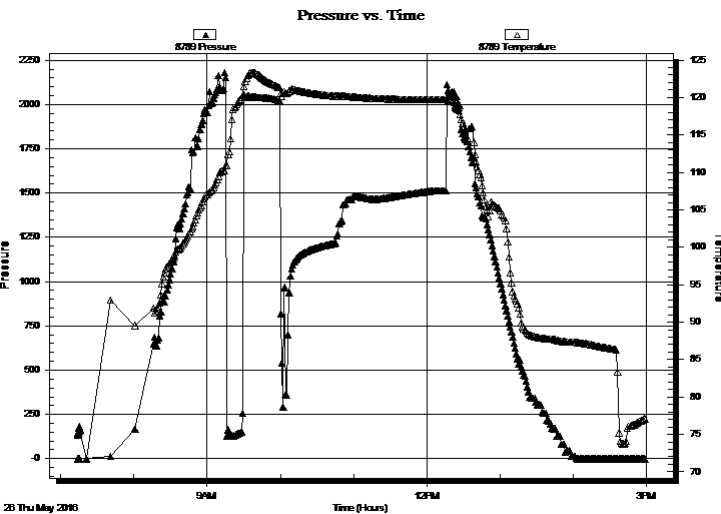
Last Calib.: 2016.05.26

Start Time: 07:14:02 End Time: 14:58:45

Time On Btm:

Time Off Btm:

TEST COMMENT: 15-IFP- BOB in 15 min.
30-ISIP- Surface Blow in 2min. Building to 2". In 10 min.
45-FFP- BOB in 1 1/2 min. Died Back to 8"
90-FSIP- No Blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
435.00	OSM 1%o 99% m	5.00
267.00	MCO 25% m 75% o	3.75
45.00	CO 100%	0.63
0.00	250 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Stewart Producers Inc

8 18s 24w Ness

301 N 27th St Box 546
Mt Vernon IL 62864-0546

Sutton 2

Job Ticket: 64926

DST#: 1

ATTN: Dave Goldak

Test Start: 2016.05.26 @ 07:14:00

Tool Information

Drill Pipe:	Length: 4169.00 ft	Diameter: 3.80 inches	Volume: 58.48 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 59.08 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	4307.00 ft			Final	57000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	40.00 ft				
Tool Length:	68.00 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			4280.00	
Shut In Tool	5.00			4285.00	
Hydraulic tool	5.00			4290.00	
Jars	5.00			4295.00	
Safety Joint	2.00			4297.00	
Packer	5.00			4302.00	28.00 Bottom Of Top Packer
Packer	5.00			4307.00	
Stubb	1.00			4308.00	
Perforations	3.00			4311.00	
Change Over Sub	1.00			4312.00	
Recorder	0.00	8789	Inside	4312.00	
Recorder	0.00	8289	Outside	4312.00	
Blank Spacing	31.00			4343.00	
Change Over Sub	1.00			4344.00	
Bullnose	3.00			4347.00	40.00 Bottom Packers & Anchor

Total Tool Length: 68.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stewart Producers Inc

8 18s 24w Ness

301 N 27th St Box 546
Mt Vernon IL 62864-0546

Sutton 2

Job Ticket: 64926

DST#: 1

ATTN: Dave Goldak

Test Start: 2016.05.26 @ 07:14:00

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:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
435.00	OSM 1%o 99%m	5.000
267.00	MCO 25%m 75%o	3.745
45.00	CO 100%	0.631
0.00	250 GIP	0.000

Total Length: 747.00 ft

Total Volume: 9.376 bbl

Num Fluid Samples: 0

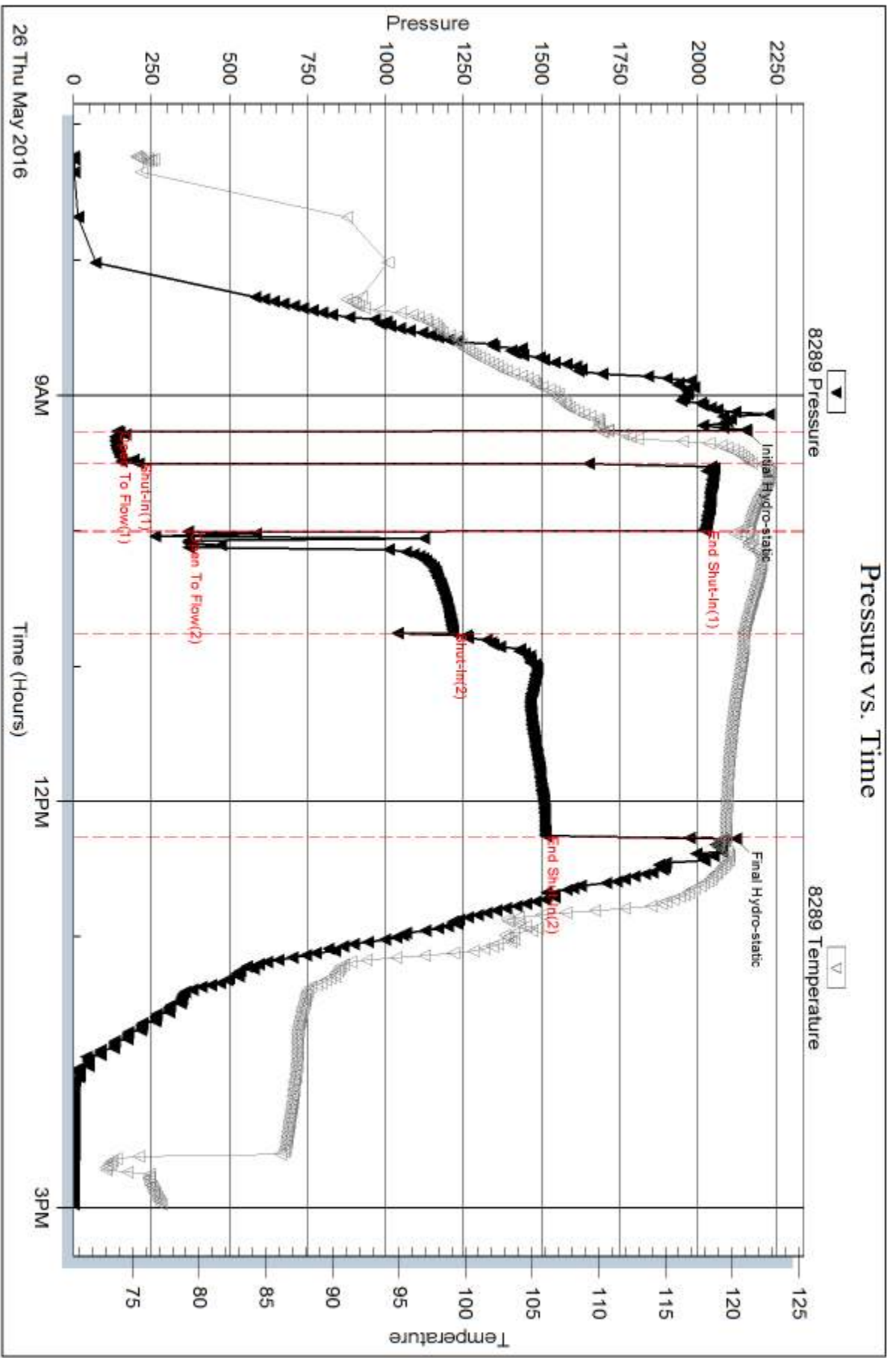
Num Gas Bombs: 0

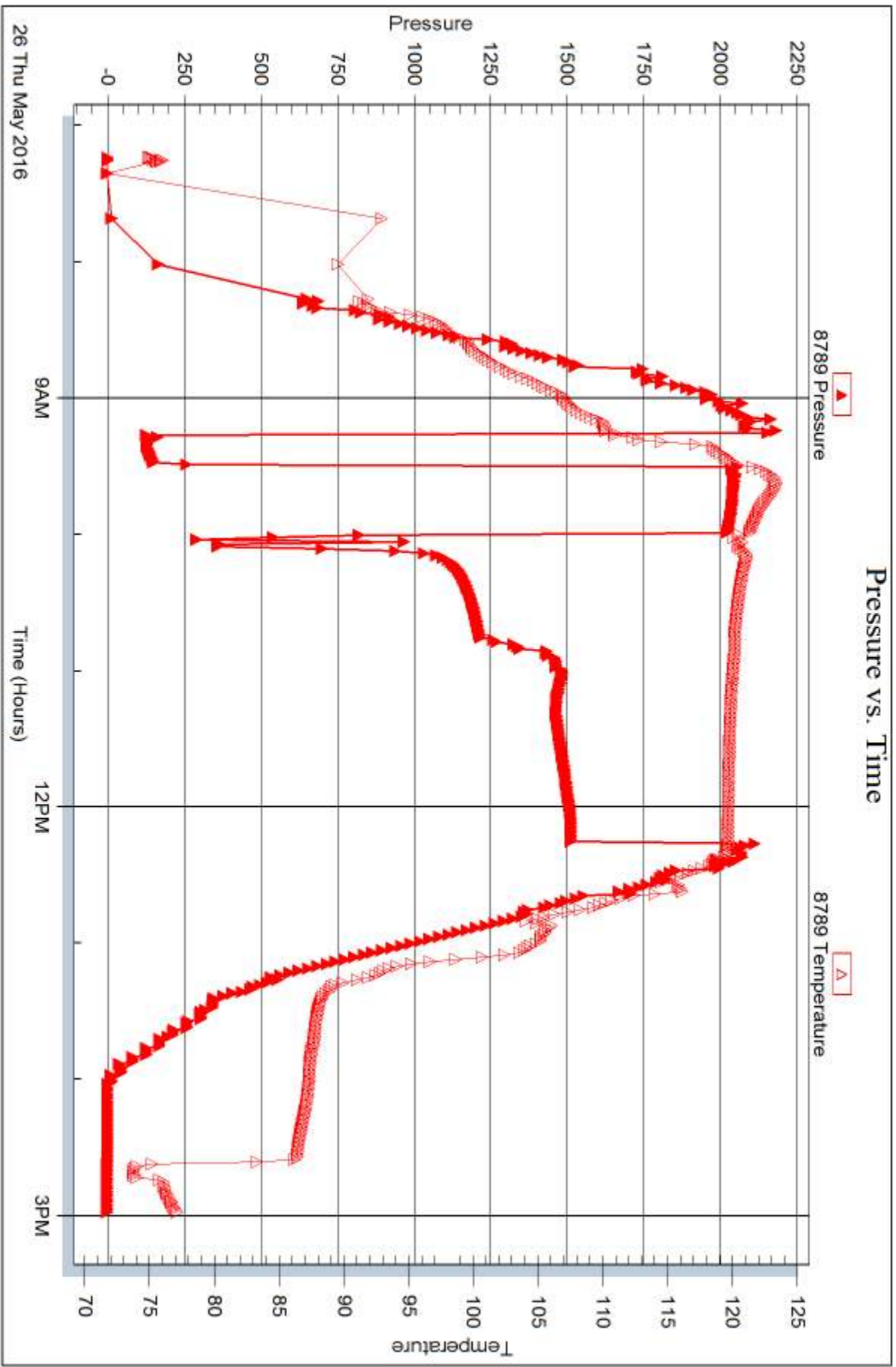
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Stewart Producers Inc**

301 N 27th St Box 546
Mt Vernon IL 62864-0546

ATTN: Dave Goldak

Sutton 2

8 18s 24w Ness

Start Date: 2016.05.26 @ 15:56:00

End Date: 2016.05.27 @ 00:20:00

Job Ticket #: 64927 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2016.05.27 @ 10:48:54



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Stewart Producers Inc
 301 N 27th St Box 546
 Mt Vernon IL 62864-0546
 ATTN: Dave Goldak

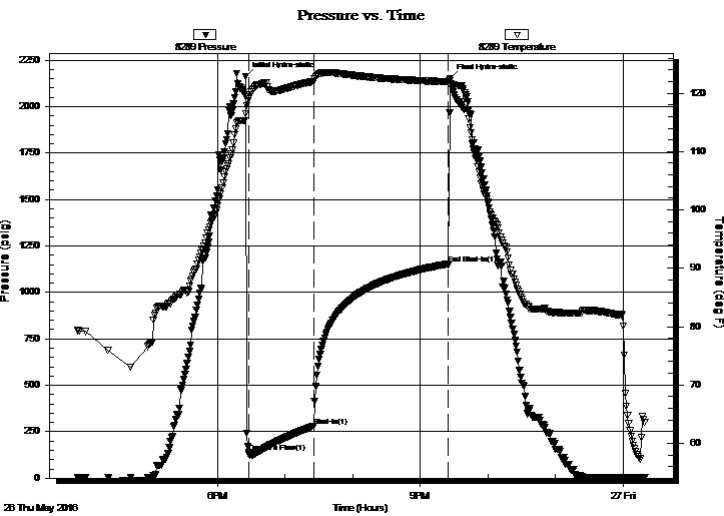
8 18s 24w Ness
Sutton 2
 Job Ticket: 64927 **DST#: 2**
 Test Start: 2016.05.26 @ 15:56:00

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:27:45
 Time Test Ended: 00:20:00
 Interval: **4292.00 ft (KB) To 4347.00 ft (KB) (TVD)**
 Total Depth: 4347.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jim Svaty
 Unit No: 76
 Reference Elevations: 2332.00 ft (KB)
 2325.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8289 Outside
 Press@RunDepth: 279.34 psig @ 4293.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.05.26 End Date: 2016.05.27 Last Calib.: 2016.05.27
 Start Time: 15:56:02 End Time: 00:20:00 Time On Btm: 2016.05.26 @ 18:25:15
 Time Off Btm: 2016.05.26 @ 21:26:30

TEST COMMENT: 60-IFP- BOB in 3 1/2 min.
 120-ISIP- Surface Blow in 2 min. Died in 12 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2161.54	116.47	Initial Hydro-static
3	137.57	119.07	Open To Flow (1)
60	279.34	122.00	Shut-In(1)
180	1153.69	121.95	End Shut-In(1)
182	2149.97	122.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	GOSM 10%g 2%o 88%m	0.30
713.00	GCO 10%g 90%o	9.46

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Stewart Producers Inc

8 18s 24w Ness

301 N 27th St Box 546
Mt Vernon IL 62864-0546

Sutton 2

Job Ticket: 64927

DST#: 2

ATTN: Dave Goldak

Test Start: 2016.05.26 @ 15:56:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:27:45

Time Test Ended: 00:20:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: 4292.00 ft (KB) To 4347.00 ft (KB) (TVD)

Reference Elevations: 2332.00 ft (KB)

Total Depth: 4347.00 ft (KB) (TVD)

2325.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8789

Inside

Press@RunDepth: psig @ 4293.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.05.26

End Date:

2016.05.27

Last Calib.:

2016.05.27

Start Time: 15:56:02

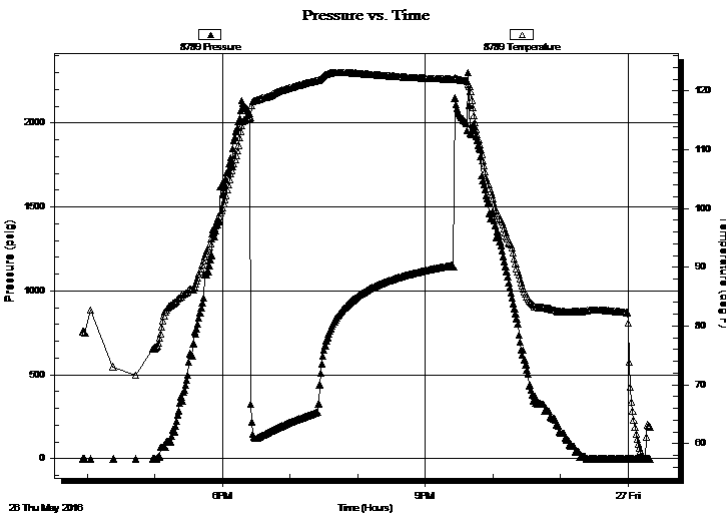
End Time:

00:19:45

Time On Btm:

Time Off Btm:

TEST COMMENT: 60-IFP- BOB in 3 1/2 min.
120-ISIP- Surface Blow in 2 min. Died in 12 min.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
62.00	GOSM 10%g 2%o 88%m	0.30
713.00	GCO 10%g 90%o	9.46

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Stewart Producers Inc

8 18s 24w Ness

301 N 27th St Box 546
Mt Vernon IL 62864-0546

Sutton 2

Job Ticket: 64927

DST#: 2

ATTN: Dave Goldak

Test Start: 2016.05.26 @ 15:56:00

Tool Information

Drill Pipe:	Length: 4169.00 ft	Diameter: 3.80 inches	Volume: 58.48 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 59.08 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	4292.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	55.00 ft				
Tool Length:	83.00 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			4265.00	
Shut In Tool	5.00			4270.00	
Hydraulic tool	5.00			4275.00	
Jars	5.00			4280.00	
Safety Joint	2.00			4282.00	
Packer	5.00			4287.00	28.00 Bottom Of Top Packer
Packer	5.00			4292.00	
Stubb	1.00			4293.00	
Recorder	0.00	8789	Inside	4293.00	
Recorder	0.00	8289	Outside	4293.00	
Perforations	18.00			4311.00	
Change Over Sub	1.00			4312.00	
Blank Spacing	31.00			4343.00	
Change Over Sub	1.00			4344.00	
Bullnose	3.00			4347.00	55.00 Bottom Packers & Anchor

Total Tool Length: 83.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stewart Producers Inc

8 18s 24w Ness

301 N 27th St Box 546
Mt Vernon IL 62864-0546

Sutton 2

Job Ticket: 64927

DST#: 2

ATTN: Dave Goldak

Test Start: 2016.05.26 @ 15:56:00

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:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.74 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	GOSM 10%g 2%o 88%m	0.305
713.00	GCO 10%g 90%o	9.464

Total Length: 775.00 ft

Total Volume: 9.769 bbl

Num Fluid Samples: 0

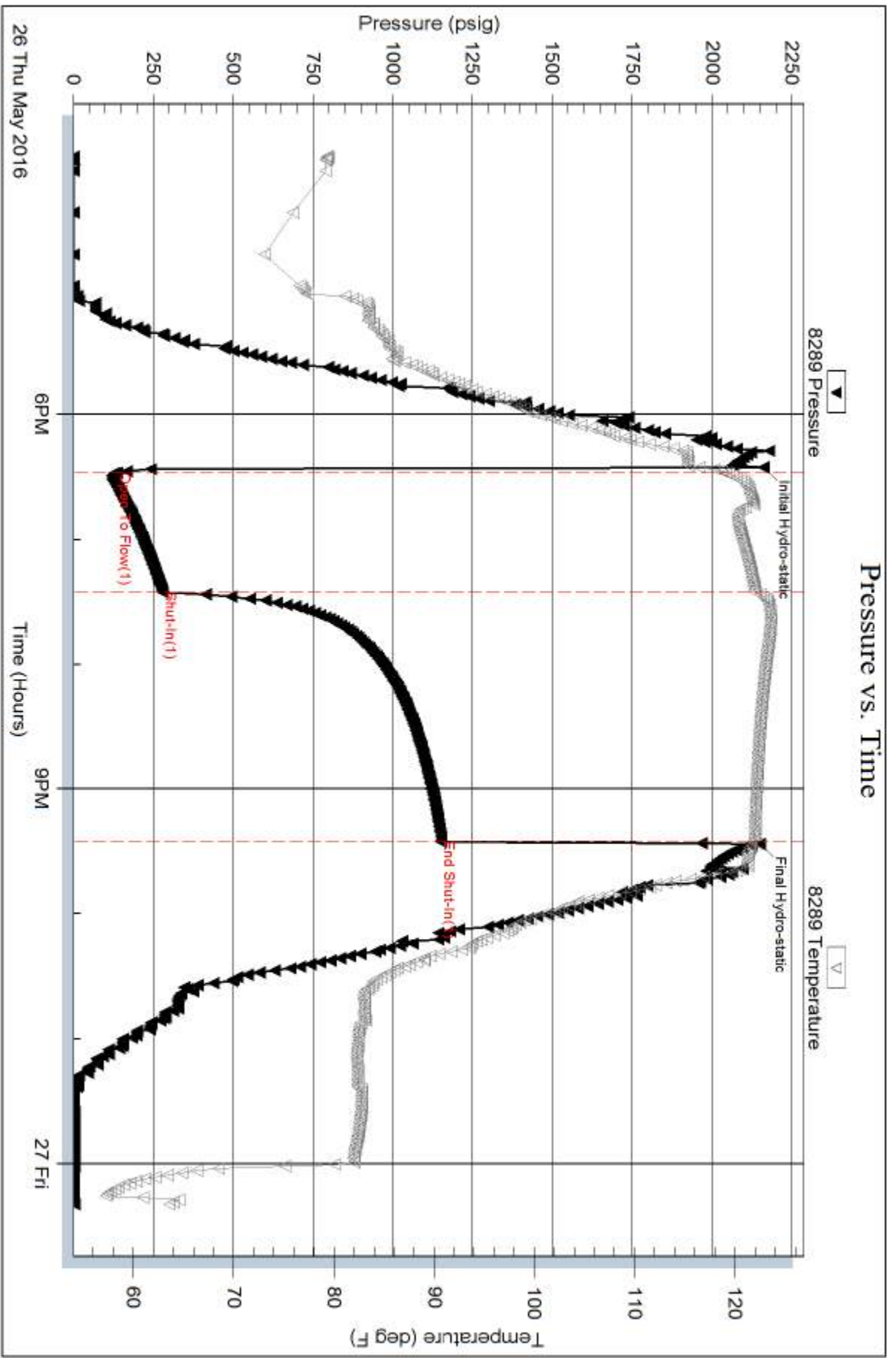
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



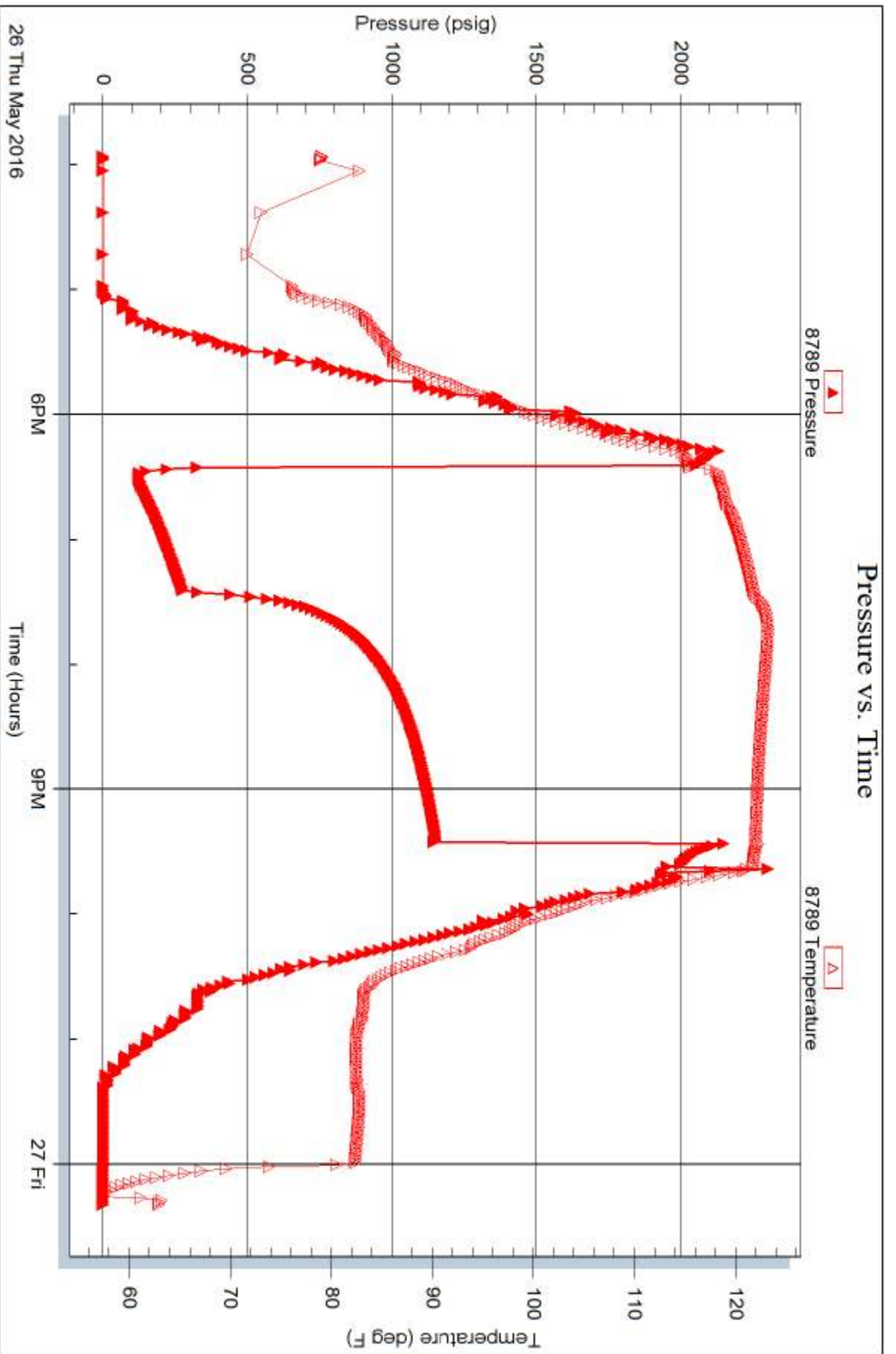
Serial #: 8789

Inside

Stewart Producers Inc

Sutton 2

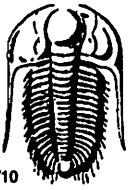
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 64927

Printed: 2016.05.27 @ 10:48:56



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64926

Well Name & No. Sutton #2 Test No. 1 Date 5-26-16
 Company Stewart Producers, Inc. Elevation 2332 KB 2325 GL
 Address 301 N. 27th St, Box 546 Mt. Vernon IL, 62864-0546
 Co. Rep / Geo. Dave Goldak Rig WW 12
 Location: Sec. 8 Twp. 18 S Rge. 24 W Co. Ness State KS

Interval Tested 4307-4347 Zone Tested Miss.
 Anchor Length 40 Drill Pipe Run 4169 Mud Wt. 9.1
 Top Packer Depth 4302 Drill Collars Run 121 Vis 49
 Bottom Packer Depth 4307 Wt. Pipe Run 0 WL 8.8
 Total Depth 4347 Chlorides 5500 ppm System LCM TR
 Blow Description IF - BOB in 3min.
ISIP - Surface Blow Building to 2in. IN 10min.
FF - BOB in 1 1/2 min. Died Back to 8in.
FSI - No Blow

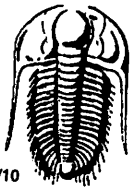
Rec	Feet of	%gas	%oil	%water	%mud
<u>438</u>	<u>0.5m</u>	<u>1</u>		<u>99</u>	
<u>267</u>	<u>MCO</u>	<u>75</u>		<u>25</u>	
Rec	Feet of	%gas	%oil	%water	%mud
<u>45</u>	<u>CO</u>				
Rec	Feet of	%gas	%oil	%water	%mud
	<u>250 ISIP</u>				

Rec Total 750 BHT Gravity 35 API RW @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2154</u>	<input checked="" type="checkbox"/> Test <u>950</u>	T-On Location <u>06:45</u>
(B) First Initial Flow <u>139</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>07:14</u>
(C) First Final Flow <u>208</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>09:15</u>
(D) Initial Shut-In <u>2023</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>12:15</u>
(E) Second Initial Flow <u>366</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>14:59</u>
(F) Second Final Flow <u>1217</u>	<input checked="" type="checkbox"/> Mileage <u>126 RT</u> 94.50	Comments _____
(G) Final Shut-In <u>1511</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2120</u>	<input type="checkbox"/> Straddle _____	
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>15</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Accessibility _____	Total <u>1369.50</u>
	Sub Total <u>1369.50</u>	MP/DST Disc't _____

Approved By _____ Our Representative

Tribolite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64927

Well Name & No. Sutton #2 Test No. 2 Date 5-26-16
 Company Stewart Producers, Inc. Elevation 2333 KB 2325 GL
 Address 301 N 27th St, Box 546 Mt. Vernon IL 62864-0546
 Co. Rep / Geo. Dave Goldak Rig WW12
 Location: Sec. 8 Twp. 18S Rge. 24W Co. Ness State KS

Interval Tested 4292 - 4347 Zone Tested miss.
 Anchor Length 55 Drill Pipe Run 4169 Mud Wt. 9.1
 Top Packer Depth 4287 Drill Collars Run 121 Vis 49
 Bottom Packer Depth 4292 Wt. Pipe Run 0 WL 8.8
 Total Depth 4347 Chlorides 5500 ppm System LCM TR
 Blow Description IFP - BOB 3 1/2 min.
ISIP - Surface Blow in 2 min. Died in 12 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>20 SM</u>	<u>10</u>	<u>2</u>	<u>88</u>	
<u>713</u>	<u>2 CO</u>	<u>10</u>	<u>90</u>		

Rec Total 770 BHT 122 Gravity 35 API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2161</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>06:45</u>
(B) First Initial Flow <u>137</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>15:56</u>
(C) First Final Flow <u>279</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>18:25</u>
(D) Initial Shut-In <u>1153</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>21:25</u>
(E) Second Initial Flow _____	<input type="checkbox"/> Hourly Standby _____	T-Out <u>00:20</u>
(F) Second Final Flow _____	<input type="checkbox"/> Mileage <u>126 RT</u>	Comments _____
(G) Final Shut-In _____	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>2149</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>60</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>120</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Flow <u>pulled</u>	<input type="checkbox"/> Day Standby _____	Total <u>1725</u>
Final Shut-In _____	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1725</u>	

Approved By _____ Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

GLOBAL CEMENTING, L.L.C.

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell KS

DATE <u>5-21-2016</u>	SEC. <u>8</u>	TWP. <u>18</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>12:30 PM</u>
LEASE <u>SUTTON</u>	WELL #. <u>#2</u>	LOCATION <u>Ness City 3N</u>			COUNTY <u>Ness</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (CIRCLE ONE)				<u>To RD #160 7W 1/2 N INTO</u>			

CONTRACTOR W-W DRIG. Rig #12 "CALVIN" OWNER

TYPE OF JOB Cement Surface

HOLE SIZE 12 1/4 T.D. 2'33"

CASING SIZE 8 5/8 23# DEPTH 2'32"

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS

DISPLACEMENT 13 3/4 BBL

CEMENT AMOUNT ORDERED 165 sx Com.

3% cc

2% gel

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

EQUIPMENT

PUMP TRUCK CEMENTER Glenn G.

P-2 HELPER CODY H.

BULK TRUCK DRIVER JASON M.

B-5

BULK TRUCK DRIVER

REMARKS:

Set 8 5/8 Surface @ 232'

Received CIRCULATION.

Cement w/ 165 sx Com. 3 & 2.

Displaced 13 3/4 BBL H₂O

SHUT IN @ 300#.

Cement Did Circulate

THANK'S

CHARGE TO: STEWART PRODUCERS Inc,

STREET

CITY STATE ZIP

Global Cementing, L.L.C.,
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 Calvin J. Stewart

SIGNATURE Calvin J. Stewart

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

Company: STEWART PRODUCERS, INC.
Well: SUTTON #2

County: NESS
State: KANSAS

Location: 1660 FBL & 920 PML
SEC 8 TWP 18S R0E 24W
SPRINGFIELD, Kansas 67324
Log Measured From: KELLY BUSHING & SONS
Date: JUNE 2018
Depth (Feet): 4420
Depth (Meters): 1347

Operator: WATERS
Date Rec'd: 11/05
Time Logged on Bottom: 2:10
Time Logged at Surface: 2:10

Recorded By: WATERS
Checked By: WATERS
Run Number: 185
TWO: 7:05
From: 210
To: 4420
Production String: 512

Forward Record: 185
From: 210
To: 4420
Backward Record: 185
From: 4420
To: 210
Production String: 512

Time Logged on Bottom: 2:10
Time Logged at Surface: 2:10

Recorded By: WATERS
Checked By: WATERS

Run Number: 185
TWO: 7:05
From: 210
To: 4420

Forward Record: 185
From: 210
To: 4420
Backward Record: 185
From: 4420
To: 210
Production String: 512

Time Logged on Bottom: 2:10
Time Logged at Surface: 2:10

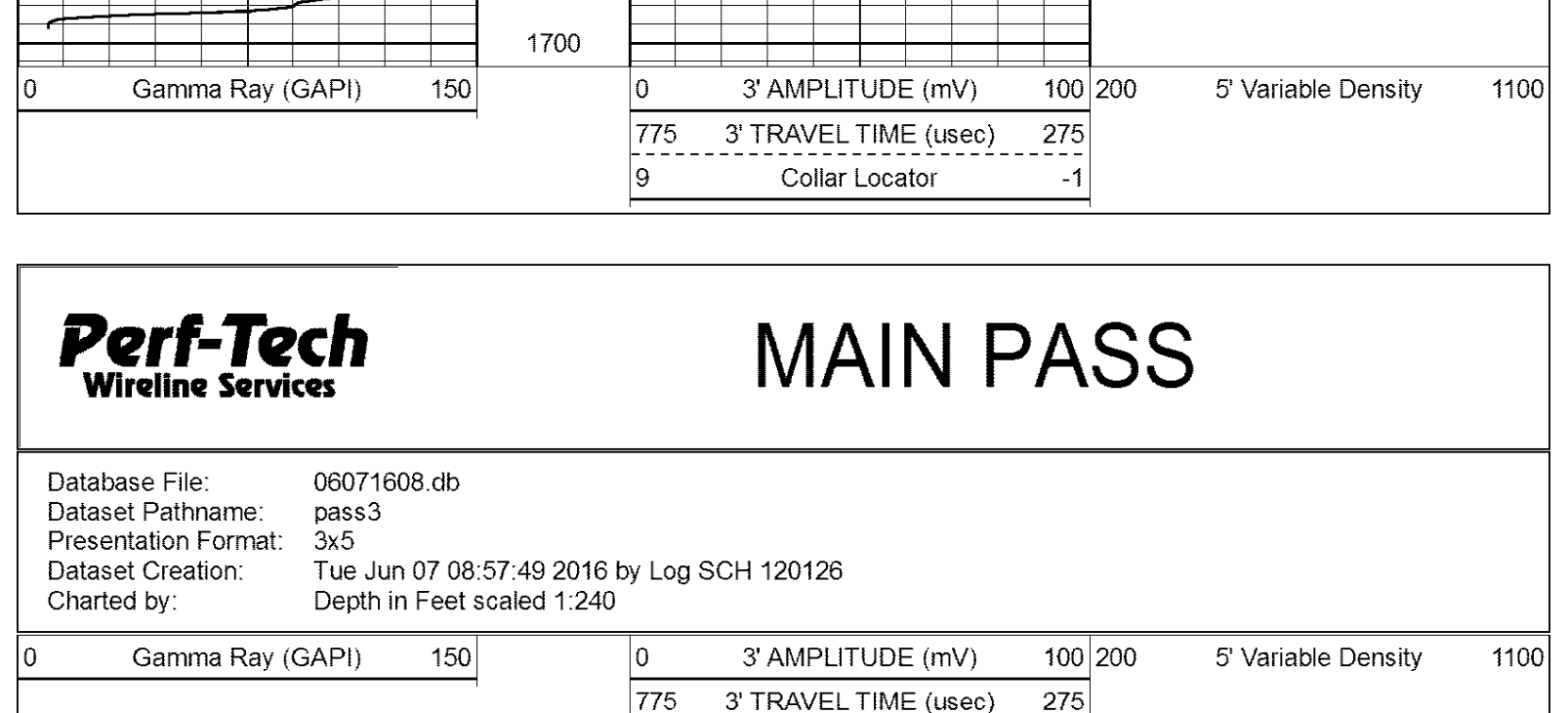
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

THANKS FOR USING PERF-TECH WIRELINE
785-623-3969
NESS CITY KS,
NORTH ON 283 HWY TO 160 RD
5 1/2 WEST, NORTH INTO

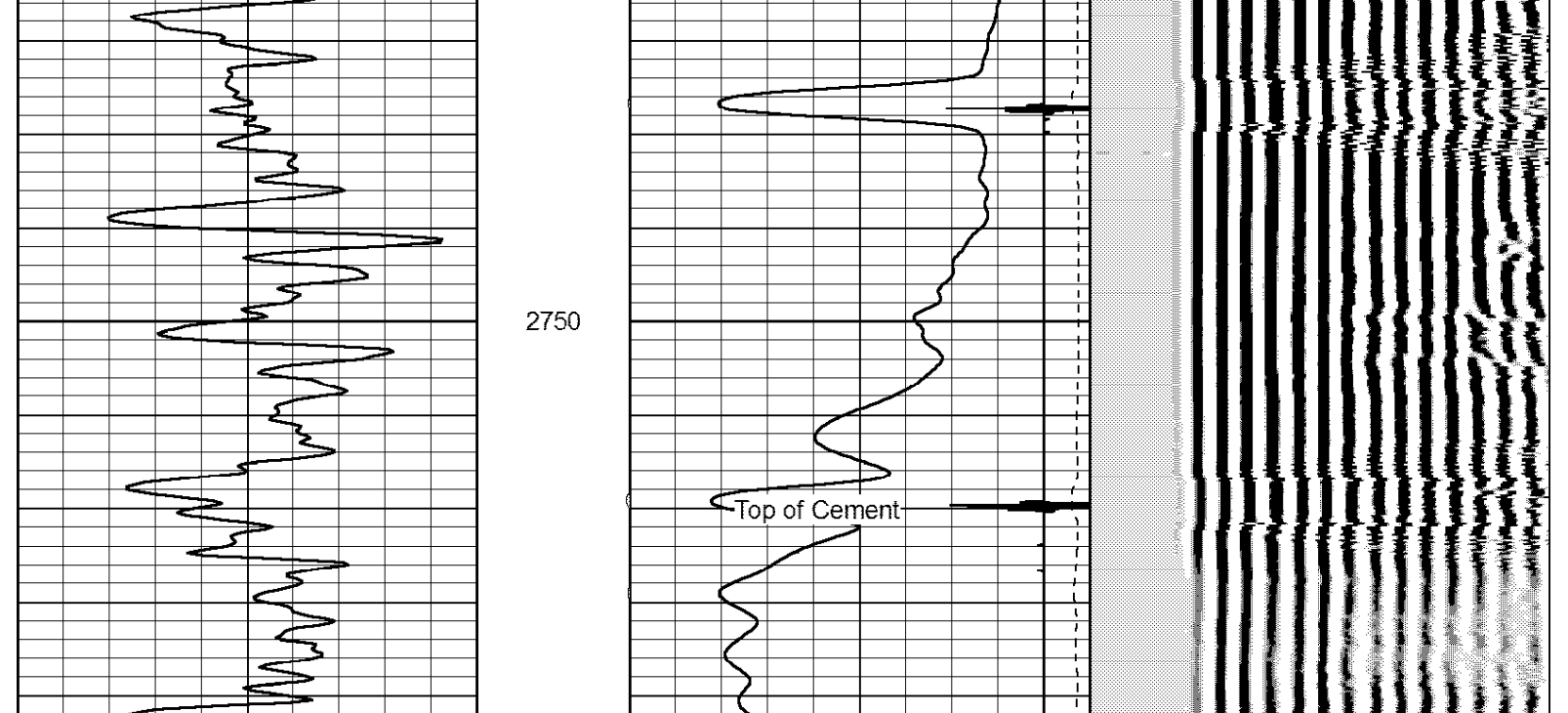
PORT COLLAR

Database File: 06071608.db
Dataset Pathname: pass4
Presentation Format: 3x5
Dataset Creation: Tue Jun 07 09:35:08 2016 by Log SCH 120126
Charted by: Depth in Feet scaled 1:240



MAIN PASS

Database File: 06071608.db
Dataset Pathname: pass3
Presentation Format: 3x5
Dataset Creation: Tue Jun 07 08:57:49 2016 by Log SCH 120126
Charted by: Depth in Feet scaled 1:240



REPEAT SECTION

Database File: 06071608.db
Dataset Pathname: pass2
Presentation Format: 3x5
Dataset Creation: Tue Jun 07 08:51:58 2016 by Log SCH 120126
Charted by: Depth in Feet scaled 1:240

