



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1232015
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
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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: _____



1232015

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 832

Date	10-31-2014	Sec.	13	Twp.	13	Range	16	County	Russell	State	KANSAS	On Location		Finish	3:15 AM
Location															
Gorham KS. 1 W 3 N 1/4 E T1N10															

Lease	Hoffman	Well No.	3	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	Royal Drill Rig #2	Type Job	Long Surface	Charge To	Bennett & Schulte Oil
Hole Size	12 1/4	T.D.	559	Street	
Csg.	8 5/8 New	Depth	557	City	State
Tbg. Size	23 # csg	Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Tool		Depth		Cement Amount Ordered	230 ex Com.
Cement Left in Csg.	20'	Shoe Joint			3% CC 2% Gel
Meas Line		Displace	34.20 / BBL		

EQUIPMENT

Pumptrk	18	No.	Cementer	Glenn G.	Common
			Helper	COBY B.	Poz. Mix
Bulktrk	1	No.	Driver	CHAD M.	Gel.
			Driver		Calcium
Bulktrk		No.	Driver		
			Driver		

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117, or CD110 CAF 38
	Sand
	Handling
	Mileage

FLOAT EQUIPMENT

Set @ 557	Guide Shoe
Receive Circ	Centralizer
Mixed 230 ex Com. 342	Baskets
Release TRP.	AFU Inserts
Displace 34.20 BBL H ₂ O	Float Shoe
SHUT IN @ 300 #.	Latch Down

Cement did circulate
Solid Rubber Plug x1

Pumptrk Charge		Tax	
Mileage		Discount	
		Total Charge	

X Signature

THANKS!
[Signature]

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 789

Date	11-5-14	Sec.	13	Twp.	13	Range	16	County	Ellis	State	KS	On Location	5:30 AM / 12:00 PM	Finish
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Location Coxham 1w 3 1/2 N 1w

Lease Hoffman Well No. 3 Owner Yu S Kinto

Contractor Royal 2
To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish
cementer and helper to assist owner or contractor to do work as listed.

Type Job pipe sub
Hole Size 7 7/8 T.D. 3632 Charge To Bonnett + Schulte

Csg. 5 1/2 Depth 352494 Street Bonnett + Schulte

Tbg. Size Depth 352494 City State

Tool Depth The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 2105 Shoe Joint 2108 Cement Amount Ordered 290 Com

Meas. Line Displace 53.5 BBL 10% Salt

EQUIPMENT

Pumptrk	No. <u>20</u>	Cementer	<u>Matt</u>	Common
		Helper		Poz. Mix
Bulktrk	No.	Driver	<u>Nick</u>	Gel.
		Driver		Calcium
Bulktrk	No.	Driver	<u>Ryan</u>	Hulls
		Driver		Salt

JOB SERVICES & REMARKS

Remarks:

Rat Hole 30 SKS Flowseal

Mouse Hole 15 SKS Kol-Seal

Centralizers 3 5 7 10 55 Mud CLR 48 5009

Baskets 1 55 CFL-117 or CD110 CAF 38

D/V or Port Collar # 59 Sand

Dropped Ball Circulated
1 hour Run mud flush
plug lost size mouse hole
mixed 175 SKS down
hole also placed with
water 83.5 BBL

Mileage 50

FLOAT EQUIPMENT

Guide Shoe

Centralizer 5 turbos

Baskets 2

AFU Inserts

Float Shoe

Latch Down

Lift 700 PSL

Land 1600 PSL

Pumptrk Charge

Mileage

X Signature [Signature]

Tax

Discount

Total Charge



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Bennett & Schulte Oil Co

13 13s 16w Ellis

P.O. Box 329
Russell KS 67665-0329

Hoffman # 3

ATTN: Bob Hopkins

Job Ticket: 60613

DST#: 1

Test Start: 2014.11.03 @ 13:28:00

GENERAL INFORMATION:

Formation: **LKC "A - D"**
Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:08:45

Time Test Ended: 18:38:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 76

Interval: **3117.00 ft (KB) To 3192.00 ft (KB) (TVD)**

Total Depth: 3192.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1964.00 ft (KB)

1958.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 8289

Inside

Press@RunDepth: 55.03 psig @ 3124.00 ft (KB)

Start Date: 2014.11.03

End Date:

2014.11.03

Capacity: 8000.00 psig

Start Time: 13:28:00

End Time:

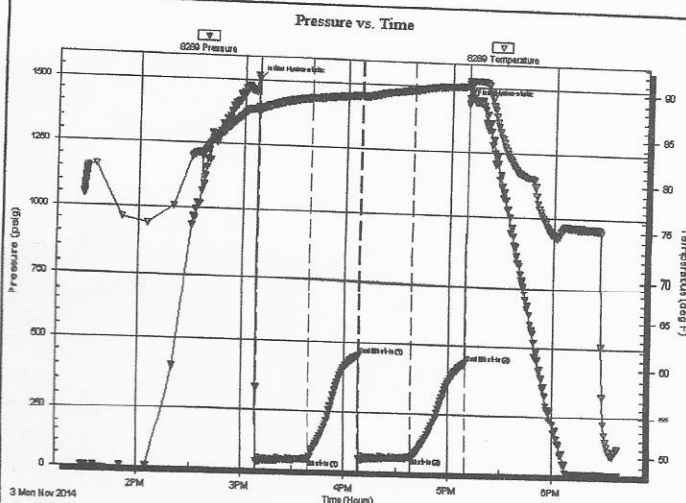
18:38:00

Last Calib.: 2014.11.03

Time On Btrr: 2014.11.03 @ 15:08:15

Time Off Btrr: 2014.11.03 @ 17:09:45

TEST COMMENT: 30-IFP- BOB in 21min.
30-ISIP- No Blow
30-FFP- Surface Blow Building to 9in.
30-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1507.67	87.55	Initial Hydro-static
1	29.18	87.16	Open To Flow (1)
31	41.94	88.69	Shut-In(1)
60	454.28	89.15	End Shut-In(1)
61	46.11	89.05	Open To Flow (2)
00	55.03	89.91	Shut-In(2)
122	435.41	90.53	End Shut-In(2)
122	1438.93	91.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
85.00	GOCM 5%g 5%o 90%m	1.19
0.00	300 GIP	0.00

Gas Rates

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

Serial #: 8289

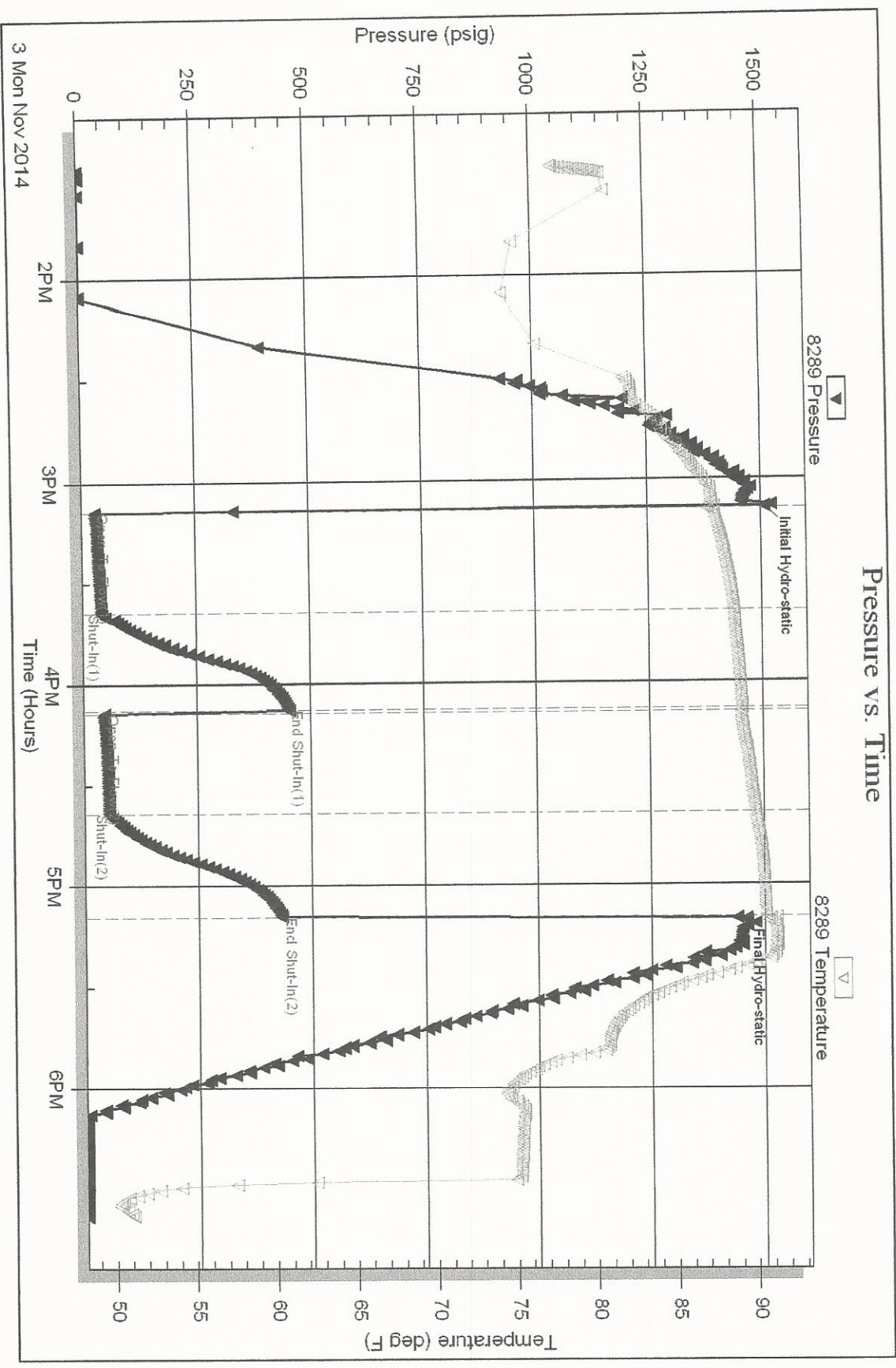
Inside

Bennett & Schulte Oil Co

Hoffman # 3

DST Test Number: 1

Pressure vs. Time



Triobble Testing, Inc

Ref. No: 60613

Printed: 2014.11.03 @ 18:46:16

Serial #: 8289

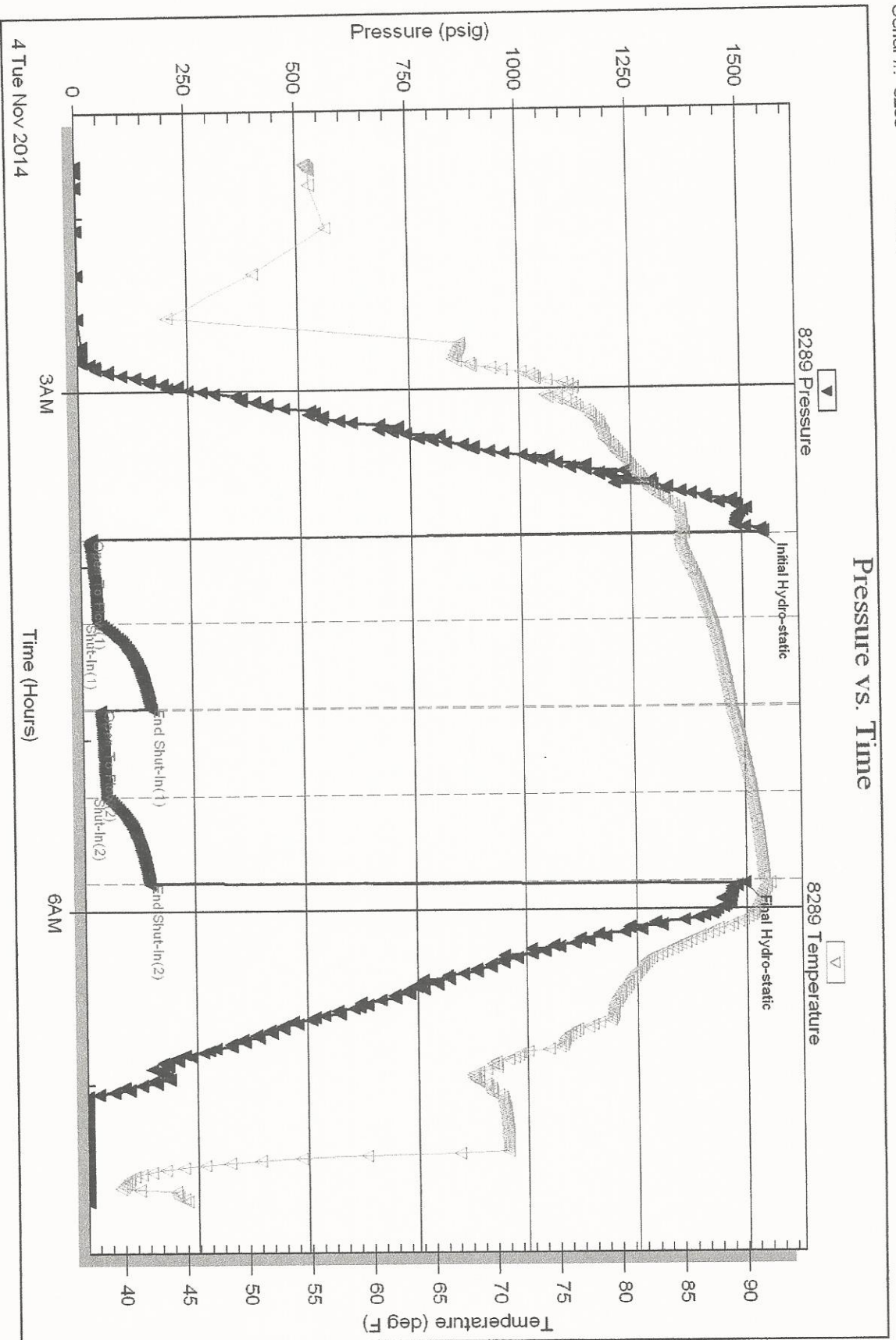
Inside

Bennett & Schulte Oil Co

Hoffman # 3

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 60614

Printed: 2014.11.04 @ 07:46:16



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Bennett & Schulte Oil Co

13 13s 16w Ellis

P.O. Box 329
Russell KS 67665-0329

Hoffman # 3

ATTN: Bob Hopkins

Job Ticket: 60613

DST#: 1

Test Start: 2014.11.03 @ 13:28:00

GENERAL INFORMATION:

Formation: **LKC "A - D"**
Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:08:45

Time Test Ended: 18:38:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 76

Interval: **3117.00 ft (KB) To 3192.00 ft (KB) (TVD)**

Total Depth: 3192.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1964.00 ft (KB)

1958.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 8289 Inside

Press@RunDepth: 55.03 psig @ 3124.00 ft (KB)

Start Date: 2014.11.03 End Date: 2014.11.03

Start Time: 13:28:00 End Time: 18:38:00

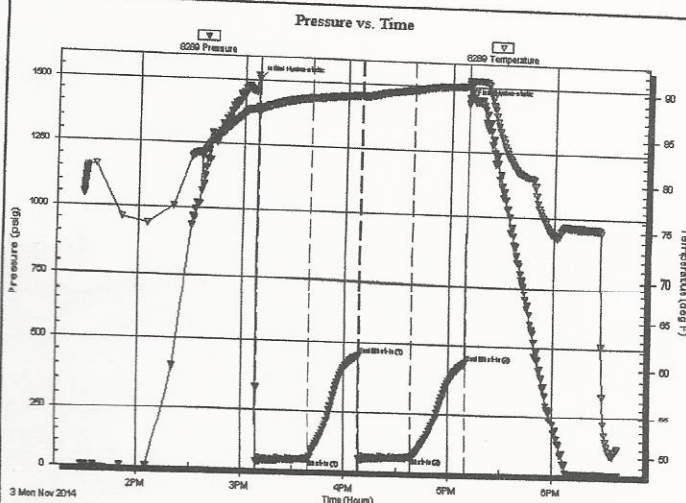
Capacity: 8000.00 psig

Last Calib.: 2014.11.03

Time On Btrr: 2014.11.03 @ 15:08:15

Time Off Btrr: 2014.11.03 @ 17:09:45

TEST COMMENT: 30-IFP- BOB in 21min.
30-ISIP- No Blow
30-FFP- Surface Blow Building to 9in.
30-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1507.67	87.55	Initial Hydro-static
1	29.18	87.16	Open To Flow (1)
31	41.94	88.69	Shut-in(1)
60	454.28	89.15	End Shut-in(1)
61	46.11	89.05	Open To Flow (2)
00	55.03	89.91	Shut-in(2)
122	435.41	90.53	End Shut-in(2)
122	1438.93	91.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
85.00	GOCM 5%g 5%o 90%m	1.19
0.00	300 GIP	0.00

Gas Rates

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

Serial #: 8289

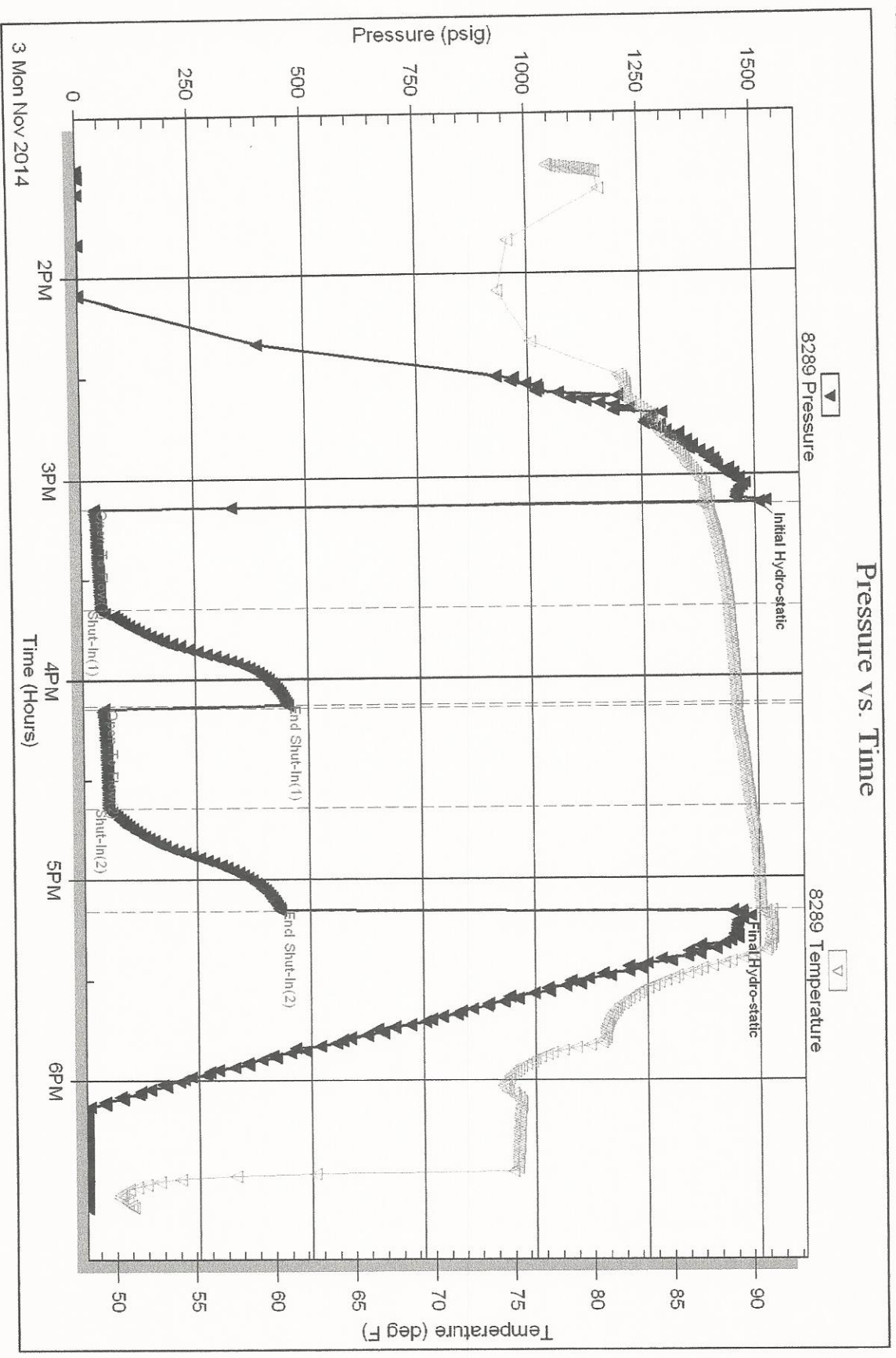
Inside

Bennett & Schulte Oil Co

Hoffman # 3

DST Test Number: 1

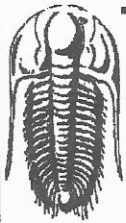
Pressure vs. Time



Triobble Testing, Inc

Ref. No: 60613

Printed: 2014.11.03 @ 18:46:16



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Bennett & Schulte Oil Co
 P.O. Box 329
 Russell KS 67665-0329
 ATTN: Bob Hopkins

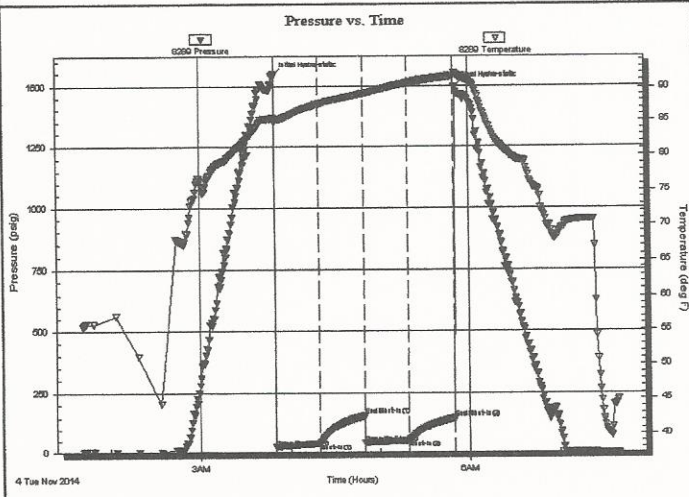
13 13s 16w Ellis
Hoffman # 3
 Job Ticket: 60614 **DST#: 2**
 Test Start: 2014.11.04 @ 01:42:00

GENERAL INFORMATION:

Formation: **LKC " F & G "**
 Deviated: **No Whipstock:** ft (KB)
 Test Type: **Conventional Bottom Hole (Reset)**
 Time Tool Opened: 03:50:30
 Tester: **Jim Svaty**
 Time Test Ended: 07:40:00
 Unit No: **76**
 Interval: **3196.00 ft (KB) To 3236.00 ft (KB) (TVD)**
 Reference Elevations: **1966.00 ft (KB)**
 Total Depth: **3236.00 ft (KB) (TVD)**
 1958.00 ft (CF)
 Hole Diameter: **7.88 inches**Hole Condition: **Fair**
 KB to GR/CF: **8.00 ft**

Serial #: 8289 **Inside**
 Press@RunDepth: **51.18 psig @ 3200.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2014.11.04** End Date: **2014.11.04** Last Calib.: **2014.11.04**
 Start Time: **01:42:00** End Time: **07:40:00** Time On Btm: **2014.11.04 @ 03:50:00**
 Time Off Btm: **2014.11.04 @ 05:51:00**

TEST COMMENT: 30-IFP- BOB in 14min.
 30-ISIP- No Blow
 30-FFP- Surface Blow Building to 1 1/2in. In 12min.
 30-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1544.52	85.50	Initial Hydro-static
1	22.12	85.17	Open To Flow (1)
30	39.36	87.54	Shut-In(1)
60	154.65	89.08	End Shut-In(1)
60	40.92	89.07	Open To Flow (2)
90	51.18	90.61	Shut-In(2)
121	146.22	91.57	End Shut-In(2)
121	1496.57	92.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	MCW 45% m 55% w	0.91
10.00	OCM 5% o 95% m	0.14

* Recovery from multiple tests

Gas Rates

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

Serial #: 8289

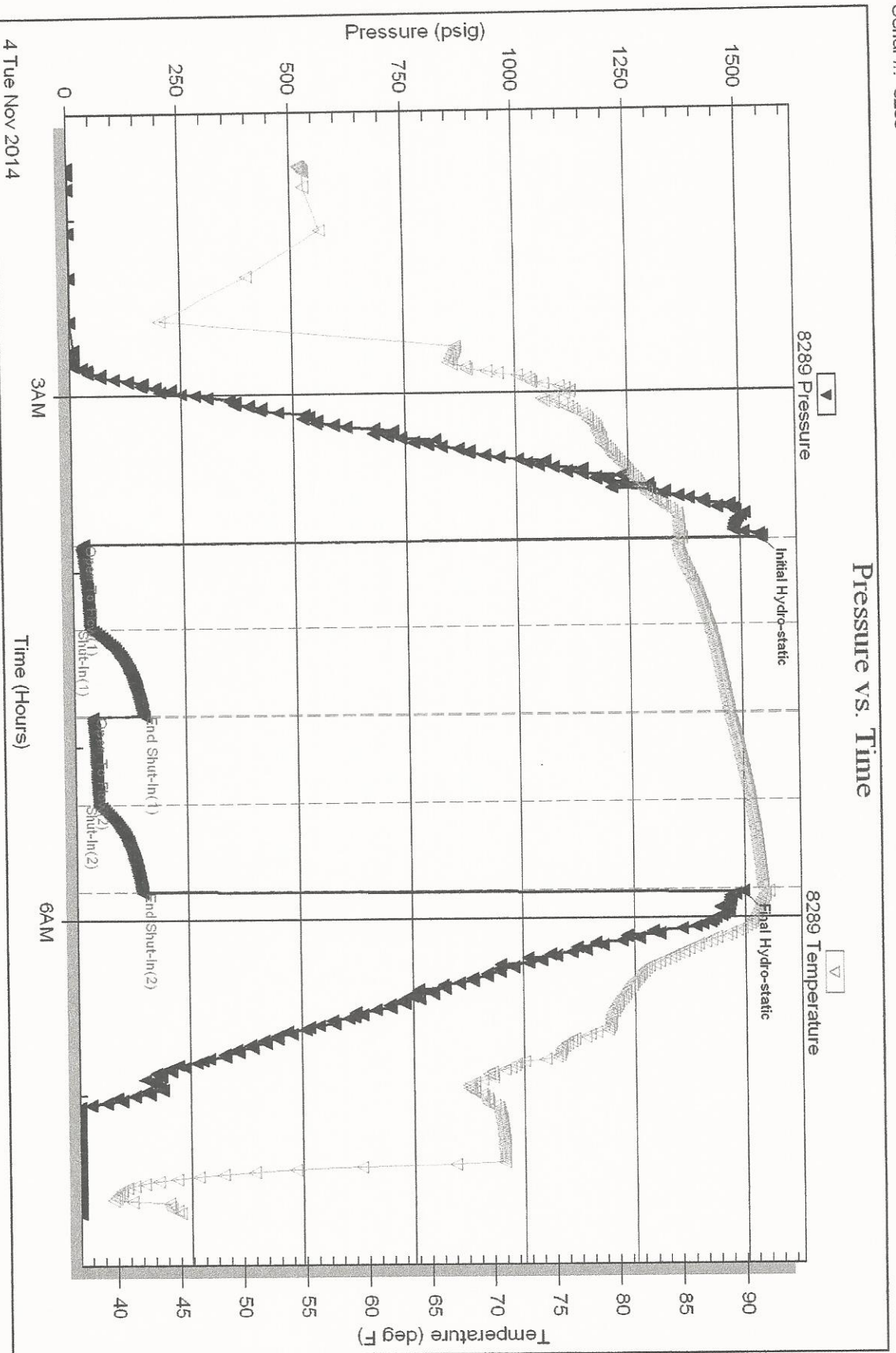
Inside

Bennett & Schulte Oil Co

Hoffman # 3

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 60614

Printed: 2014.11.04 @ 07:46:16