Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1185342

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 # 33813
Name: Jason Oil Company, LLC
Address 1: 3718- 83RD ST
Address 2: PO BOX 701
City: RUSSELL State: KS Zip: 67665 + 0701
Contact Person: JIM SCHOENBERGER
Phone: (785) 483-4204
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: STEVE REED/HERB DEINES
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 #:

11/14/2013	11/19/2013	12/01/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-167-23920-00-00
Spot Description:
S2 - SW - NW - NW Sec. 36 Twp. 13 S. R. 15 ☐ East ☑ West
1210 Feet from ☑ North / ☐ South Line of Section
330 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: (e.g. xx.xxxxx) , Long: (e.g. -xxx.xxxxx)
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Russell
Lease Name: PATTERSON Well #: 3
Field Name:
Producing Formation: ARBUCKLE
Elevation: Ground: 1881 Kelly Bushing: 1883
Total Vertical Depth: 3370 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 473 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: 2000 ppm Fluid volume: 1500 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: RPM SERVICES
Lease Name: BOXBERGER License #: 33370
Quarter NW Sec. 32 Twp. 13 S. R. 14 ☐ East ☑ West
County: RUSSELL Permit #: D23310

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:** Deanna Garrison **Date:** 01/30/2014

[redacted] 1185342

Operator Name: Jason Oil Company, LLC Lease Name: PATTERSON Well #: 3

Sec. 36 Twp. 13 S. R. 15 ☐ East ☑ West County: Russell

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

MICRO
DUAL INDUCTION
CEMENT BOND LOG

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

Name: Attached Top: Attached Datum: Attached

CASING RECORD ☑ New ☐ Used
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12.25	8.625	23	473	COM	225	3%CC 2%GEL
PROD	7.875	5.5	20	1593	COM	450	10%SALT 5%GILSONITE

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	-			
	-			

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 *(Amount and Kind of Material Used)*	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
	10		35		

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Jason Oil Company, LLC
Well Name	PATTERSON 3
Doc ID	1185342

Tops

Name	Top	Datum
STONE CORAL ANH	915	+968
GRAND HAVEN	2437	-554
TARKIO	2564	-681
HOWARD LM	2700	-817
TOPEKA	2761	-878
HEEBNER	2986	-1103
LKC	3042	-1159
ARBUCKLE	3296	-1413

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665 No. 7478

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-15-13				Russell	KS		6:00 A.M.

Location Bellaire 4 Hwy 40 1w1 S into

Lease Patterson Well No. 3

Contractor Southwind #6

Type Job Surface

Hole Size 12¼ T.D. 473

Csg. 8 5/8 Depth 473

Tbg. Size Depth

Tool Depth

Cement Left in Csg. 20' Shoe Joint

Meas Line Displace 28 1/2 BBL

EQUIPMENT

Pumptrk 5 No. Cementer Greg / Helper

Bulktrk No. Driver Matt / Driver

Bulktrk 1 No. Driver Driver Dayton

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

8 5/8 on bottom. Circulation. Mix 225 sk & Displace. Cement Circulated

X Signature

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.

Charge To Jason Oil

Street

City State

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

Cement Amount Ordered 225 com 3%cc 2%gel

Common	225
Poz. Mix	
Gel.	5
Calcium	8
Hulls	
Salt	
Flowseal	
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	238
Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	8 5/8 Surface
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	Surface
Mileage	5
Tax	
Discount	
Total Charge	

DRILL STEM TEST REPORT

Jason Oil Company LLC

PO Box 701
Russell Ks 67665-0701

ATTN: Jim Schoenberger,Ste

36-13s-15w Russell

Patterson #3

Job Ticket: 54374 **DST#: 2**

Test Start: 2013.11.19 @ 11:15:29

GENERAL INFORMATION:

Formation: **Arbucle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:54:54
Time Test Ended: 18:49:53

Test Type: Conventional Bottom Hole (Reset)
Tester: Ray Schw ager
Unit No: 70

Interval: 3272.00 ft (KB) To 3304.00 ft (KB) (TVD)
Total Depth: 3304.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

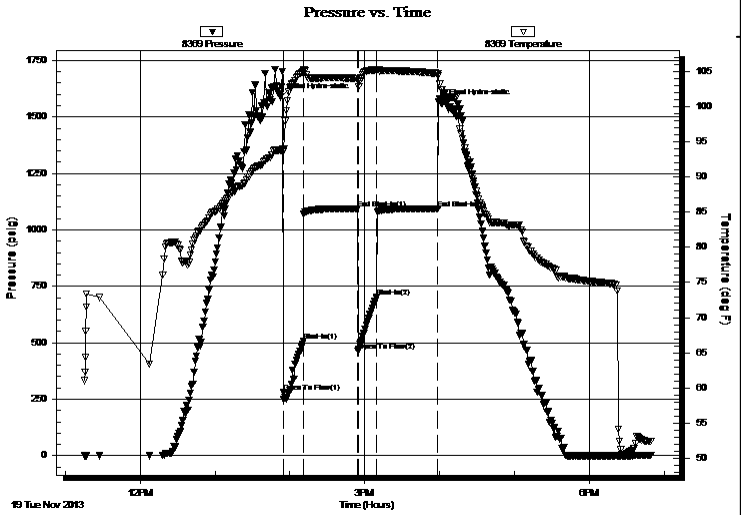
Reference Elevations: 1883.00 ft (KB)
1875.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8369 **Inside**

Press@RunDepth: 701.73 psig @ 3276.00 ft (KB)
Start Date: 2013.11.19 End Date: 2013.11.19
Start Time: 11:15:29 End Time: 18:49:53

Capacity: 8000.00 psig
Last Calib.: 2013.11.19
Time On Btm: 2013.11.19 @ 13:52:39
Time Off Btm: 2013.11.19 @ 16:01:53

TEST COMMENT: 15-IFP-strg bl in 2min
45-ISIP-no bl
15-FFP-strg bl in 1 1/2min
45-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1587.11	93.83	Initial Hydro-static
3	282.13	93.68	Open To Flow (1)
19	507.90	104.97	Shut-In(1)
62	1094.18	104.02	End Shut-In(1)
62	462.88	103.69	Open To Flow (2)
77	701.73	105.17	Shut-In(2)
126	1094.13	104.73	End Shut-In(2)
130	1560.62	102.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
175.00	GMO 5%G40%M55%O	2.45
560.00	CO	7.86
310.00	GM&WCO 20%G5%M10%W65%O	4.35
372.00	HO&GCMW 20%G5%M25%O50%W	5.22
186.00	Water	2.61

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Jason Oil Company LLC

PO Box 701
Russell Ks 67665-0701

ATTN: Jim Schoenberger,Ste

36-13s-15w Russell

Patterson #3

Job Ticket: 54374 **DST#: 2**

Test Start: 2013.11.19 @ 11:15:29

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	29 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	27000 ppm
Viscosity:	60.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.92 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
175.00	GMO 5%G40%M55%O	2.455
560.00	CO	7.855
310.00	GM&WCO 20%G5%M10%W65%O	4.348
372.00	HO&GCMW 20%G5%M25%O50%W	5.218
186.00	Water	2.609

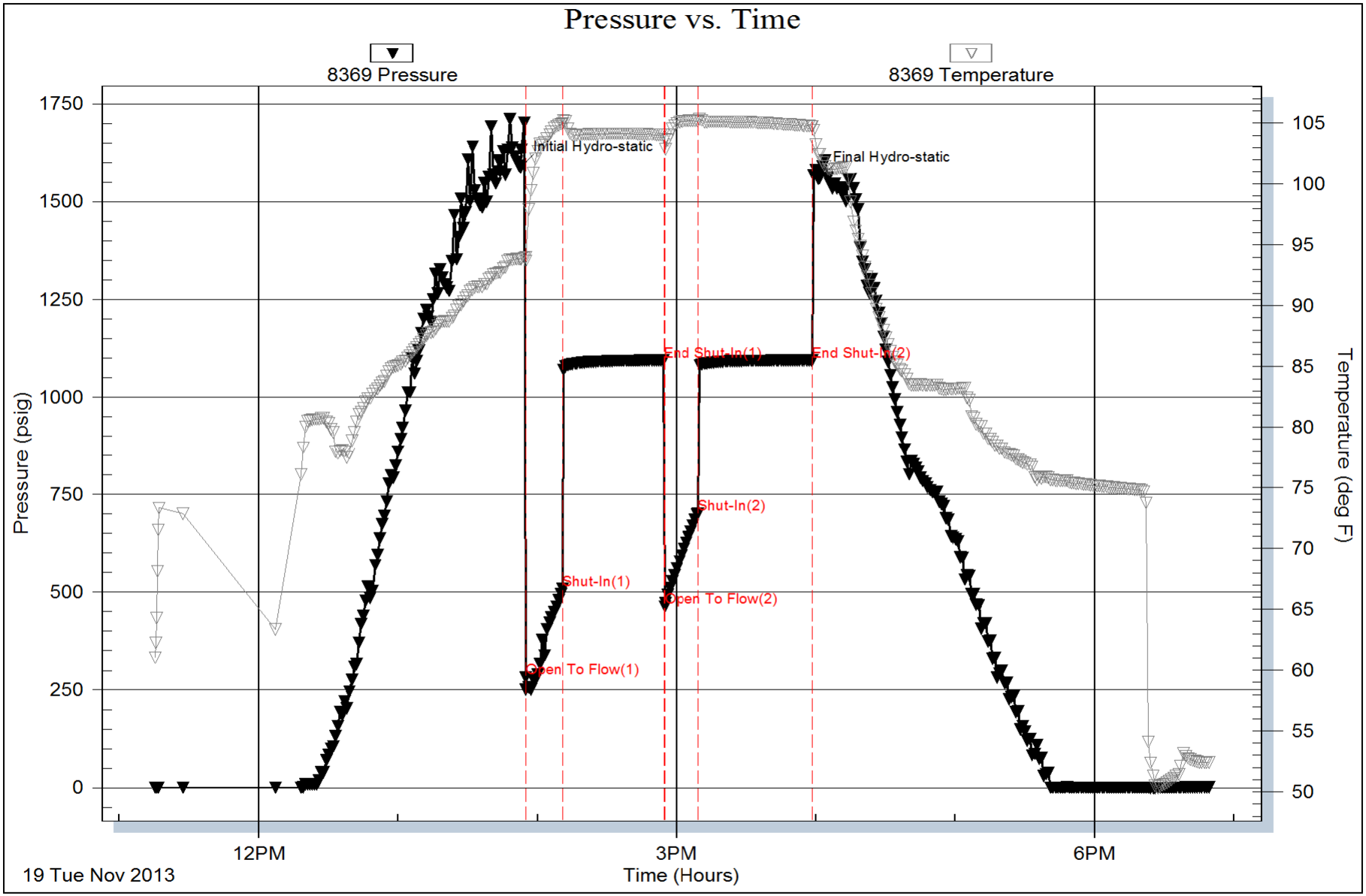
Total Length: 1603.00 ft Total Volume: 22.485 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW .28@60F

Serial #: 8369 **Inside** Jason Oil Company LLC Patterson #3 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 54374 Printed: 2013.11.19 @ 21:28:14

DRILL STEM TEST REPORT

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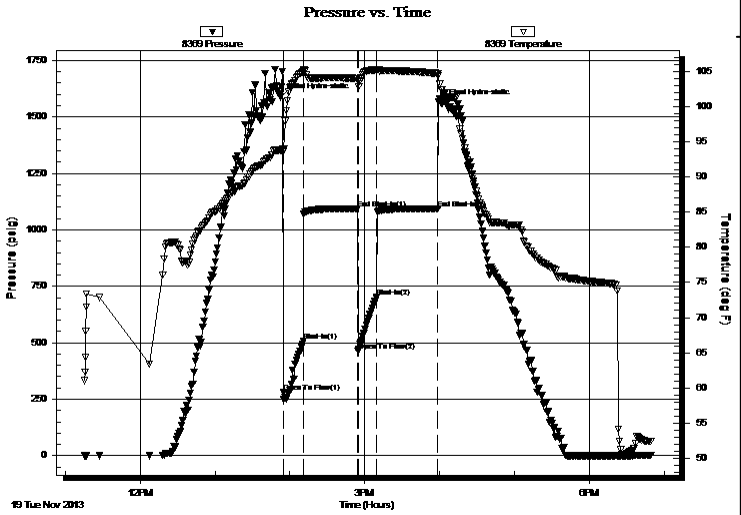

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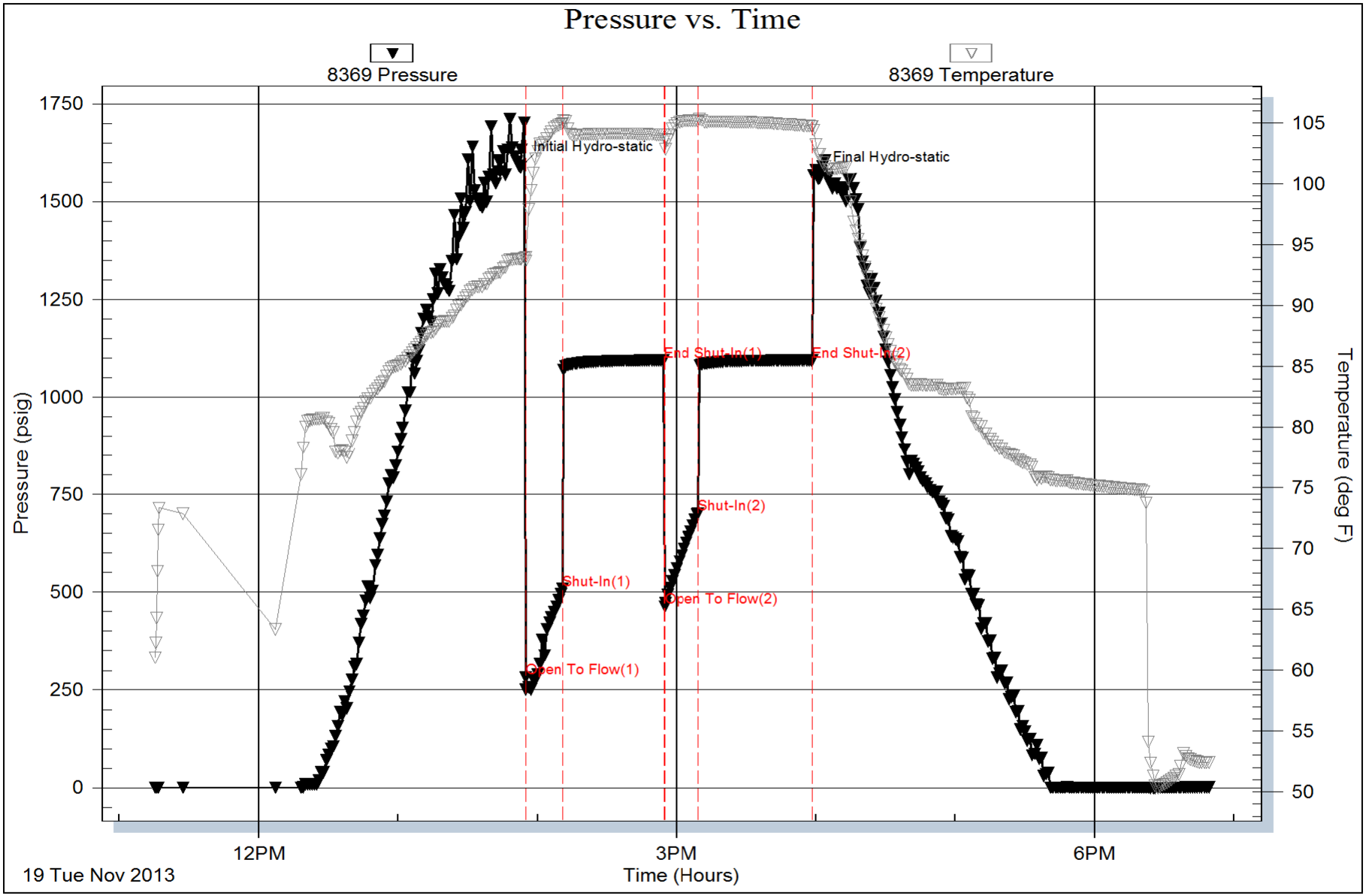

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