

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1261508
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: _____

1261508



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

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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No 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				

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Thoroughbred Associates L.L.C.
Well Name	Cozza 1-20
Doc ID	1261508

All Electric Logs Run

Dual Induction
Micro
Density Neutron
Sonic



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Thoroughbred Associates LLC

20/4s/35w Rawlins KS

8100 E 22nd St N
Bldg 600 STE F
Wichita, KS 67226
ATTN: Phil Askey

Cozza #1-20

Job Ticket: 62832

DST#: 1

Test Start: 2015.07.23 @ 21:17:00

GENERAL INFORMATION:

Formation: **Lans. "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:41:45

Time Test Ended: 05:51:00

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 83

Interval: 4122.00 ft (KB) To 4180.00 ft (KB) (TVD)

Total Depth: 4180.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3268.00 ft (KB)

3263.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8791

Inside

Press @ Run Depth: 414.55 psig @ 4123.00 ft (KB)

Start Date: 2015.07.23

End Date: 2015.07.24

Start Time: 21:17:05

End Time: 05:51:00

Capacity: 8000.00 psig

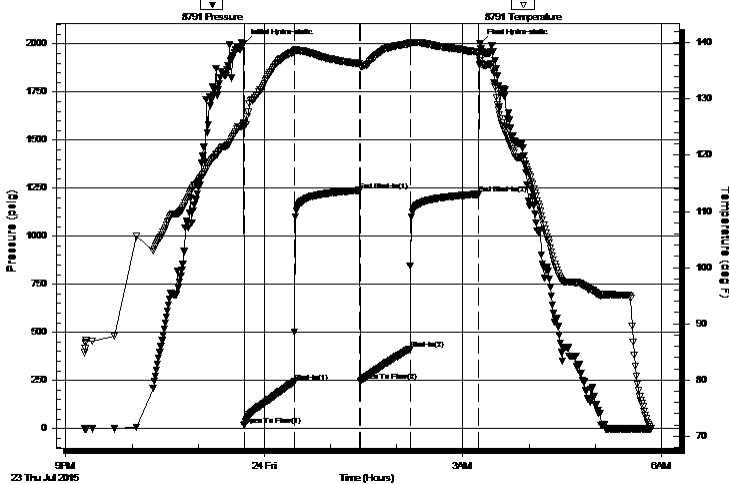
Last Calib.: 2015.07.24

Time On Btm: 2015.07.23 @ 23:41:30

Time Off Btm: 2015.07.24 @ 03:15:30

TEST COMMENT: 45 - IF: Blow built to BOB (11") at 11 1/4 min.
60 - ISI: No blow back
45 - FF: Blow started at 1 min., built to BOB at 14 1/4 min.
60 - FS: No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2002.05	125.69	Initial Hydro-static
1	17.34	125.01	Open To Flow (1)
46	242.86	138.39	Shut-In(1)
105	1238.18	136.28	End Shut-In(1)
106	247.32	135.86	Open To Flow (2)
151	414.55	139.79	Shut-In(2)
213	1218.73	138.32	End Shut-In(2)
214	2001.78	136.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
435.00	SMCW w/trace oil 96% w, 4% m	5.01
125.00	MCW w/trace oil 88% w, 12% m	1.75
315.00	MW w/trace oil 54% w, 46% m	4.42
5.00	SMCO 92%o, 8%m	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Thoroughbred Associates LLC

20/4s/35w Rawlins KS

8100 E 22nd St N
Bldg 600 STE F
Wichita, KS 67226
ATTN: Phil Askey

Cozza #1-20

Job Ticket: 62832

DST#: 1

Test Start: 2015.07.23 @ 21:17:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 69.00 sec/qt
Water Loss: 6.39 in³
Resistivity: ohm.m
Salinity: 1300.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 32 deg API
Water Salinity: 26000 ppm

Recovery Information

Recovery Table

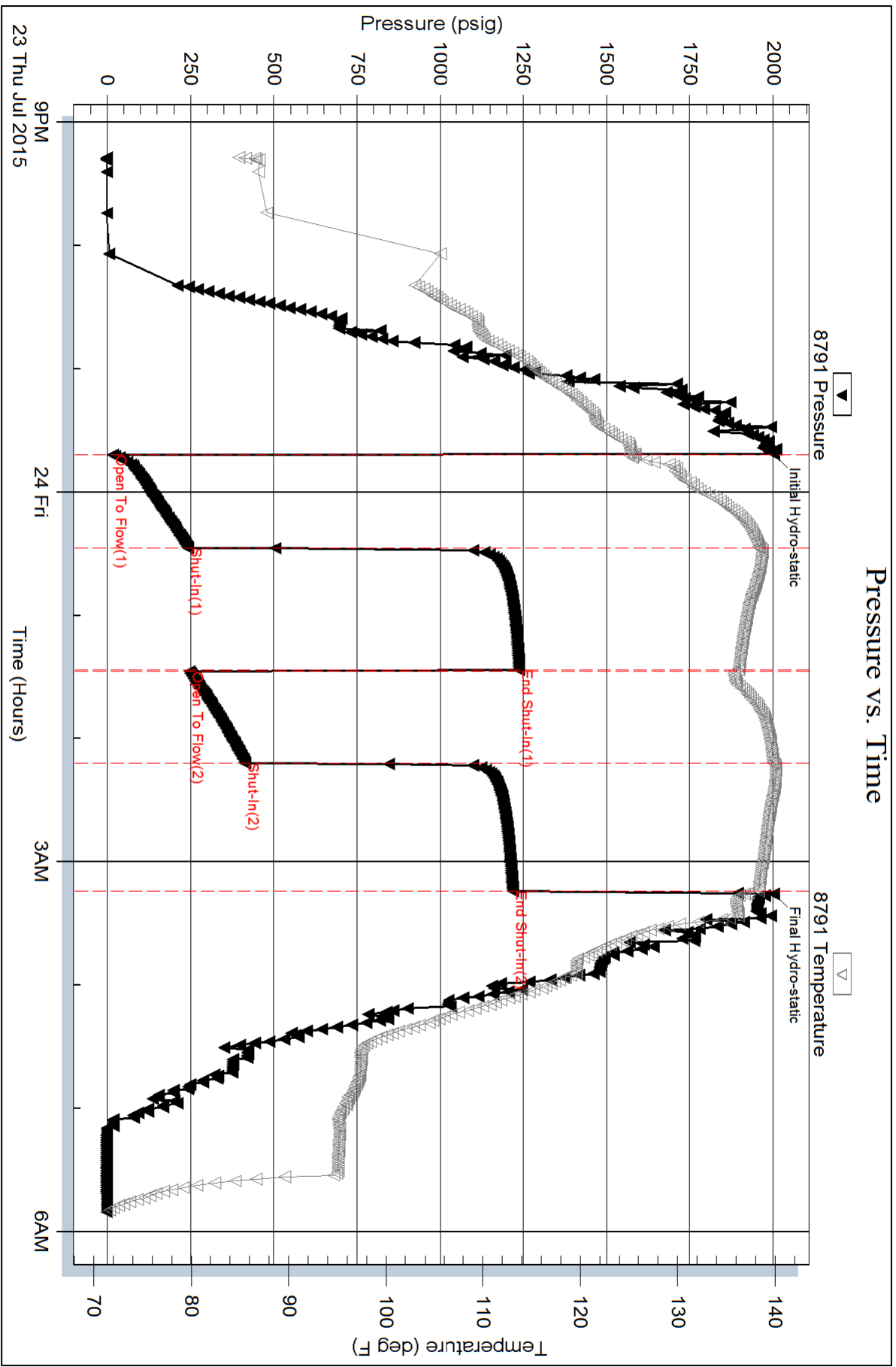
Length ft	Description	Volume bbl
435.00	SMCW w/trace oil 96% w , 4% m	5.009
125.00	MCW w/trace oil 88% w , 12% m	1.753
315.00	MW w/trace oil 54% w , 46% m	4.419
5.00	SMCO 92%o, 8%m	0.070

Total Length: 880.00 ft Total Volume: 11.251 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity = 33.2 api @ 72 deg F Corrected Gravity = 32 api
RW = .272 ohms @ 69.1 deg F Chlorides = 26,000 ppm





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Thoroughbred Associates LLC

20/4s/35w Rawlins KS

8100 E 22nd St N
Bldg 600 STE F
Wichita, KS 67226
ATTN: Phil Askey

Cozza #1-20

Job Ticket: 62833

DST#: 2

Test Start: 2015.07.24 @ 16:30:00

GENERAL INFORMATION:

Formation: **Lans. "B - C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:13:15

Time Test Ended: 00:35:15

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 83

Interval: 4182.00 ft (KB) To 4215.00 ft (KB) (TVD)

Reference Elevations: 3268.00 ft (KB)

Total Depth: 4215.00 ft (KB) (TVD)

3263.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8791

Inside

Press @ Run Depth: 38.58 psig @ 4183.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.24

End Date:

2015.07.25

Last Calib.: 2015.07.25

Start Time: 16:30:05

End Time:

00:35:14

Time On Btm: 2015.07.24 @ 19:13:00

Time Off Btm: 2015.07.24 @ 22:33:15

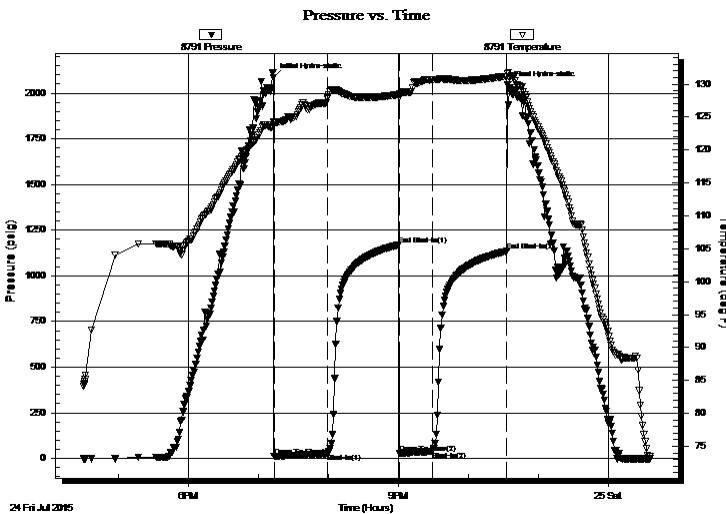
TEST COMMENT: 45 - IF: Blow built to 1", slow ly died back, dead at 45 min.

60 - IS: No blow

30 - FF: No blow

60 - FS: No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2083.97	124.20	Initial Hydro-static
1	10.90	123.72	Open To Flow (1)
46	27.14	127.75	Shut-In(1)
107	1169.73	128.41	End Shut-In(1)
108	28.98	127.99	Open To Flow (2)
136	38.58	130.66	Shut-In(2)
200	1134.82	131.18	End Shut-In(2)
201	2043.62	131.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud 100%	0.30
0.00	Trace of Oil in tool	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Thoroughbred Associates LLC

20/4s/35w Rawlins KS

8100 E 22nd St N
Bldg 600 STE F
Wichita, KS 67226
ATTN: Phil Askey

Cozza #1-20

Job Ticket: 62833

DST#: 2

Test Start: 2015.07.24 @ 16:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 6.37 in³

Resistivity: ohm.m

Salinity: 2600.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Mud 100%	0.295
0.00	Trace of Oil in tool	0.000

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8791

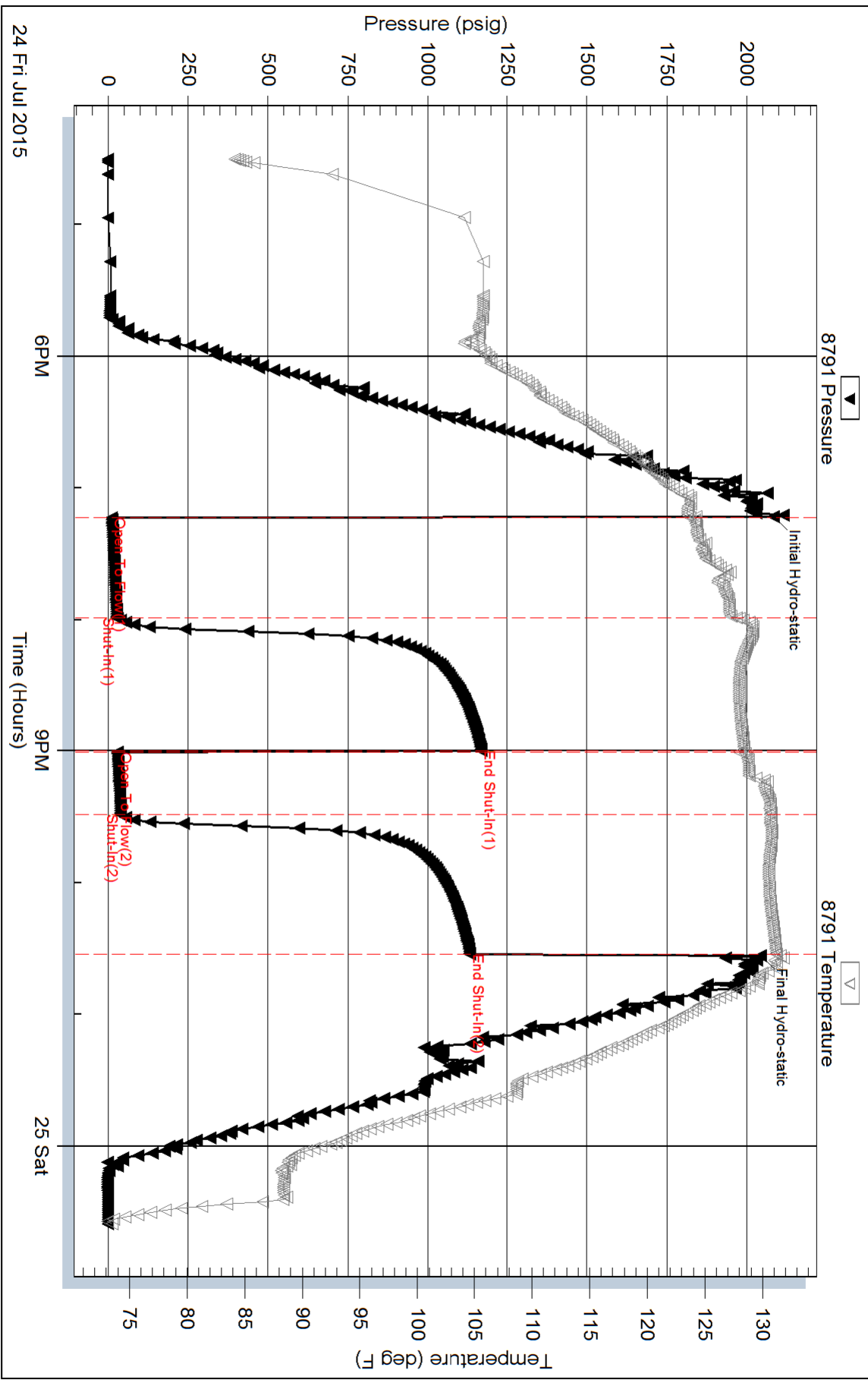
Inside

Thoroughbred Associates LLC

Cozza #1-20

DST Test Number: 2

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Thoroughbred Associates LLC

20/4s/35w Rawlins KS

8100 E 22nd St N
Bldg 600 STE F
Wichita, KS 67226
ATTN: Phil Askey

Cozza #1-20

Job Ticket: 62834

DST#: 3

Test Start: 2015.07.26 @ 10:55:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:02:00

Time Test Ended: 16:59:00

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 83

Interval: 4517.00 ft (KB) To 4555.00 ft (KB) (TVD)

Reference Elevations: 3268.00 ft (KB)

Total Depth: 4555.00 ft (KB) (TVD)

3263.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8791

Inside

Press @ Run Depth: 13.45 psig @ 4518.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.26

End Date:

2015.07.26

Last Calib.:

2015.07.26

Start Time: 10:55:05

End Time:

16:58:59

Time On Btm:

2015.07.26 @ 13:01:45

Time Off Btm:

2015.07.26 @ 15:06:00

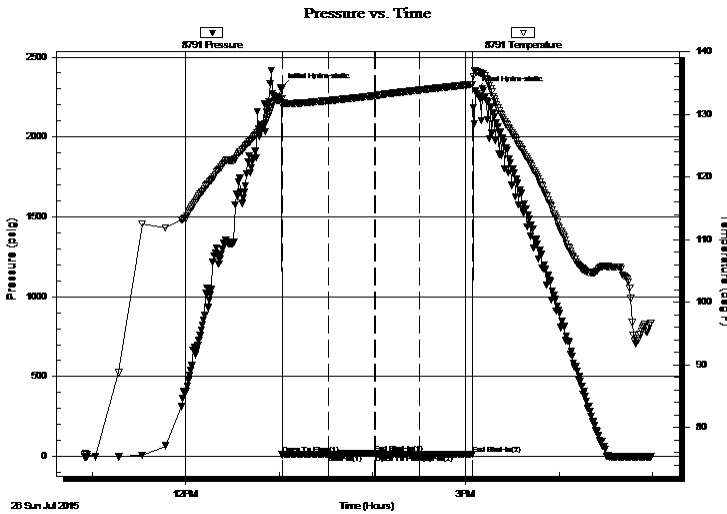
TEST COMMENT: 30 - IF: Weak surface blow, dead at 6 min.

30 - IS: No blow

30 - FF: No blow

30 - FS: No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2306.92	132.38	Initial Hydro-static
1	10.93	131.47	Open To Flow (1)
31	12.89	132.17	Shut-In(1)
60	21.35	132.94	End Shut-In(1)
60	12.72	132.95	Open To Flow (2)
89	13.45	133.84	Shut-In(2)
123	15.53	134.77	End Shut-In(2)
125	2289.73	136.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud w /trace of oil	0.01

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Thoroughbred Associates LLC

20/4s/35w Rawlins KS

8100 E 22nd St N
Bldg 600 STE F
Wichita, KS 67226
ATTN: Phil Askey

Cozza #1-20

Job Ticket: 62834

DST#: 3

Test Start: 2015.07.26 @ 10:55:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 64.00 sec/qt
Water Loss: 6.80 in³
Resistivity: ohm.m
Salinity: 1800.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud w /trace of oil	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

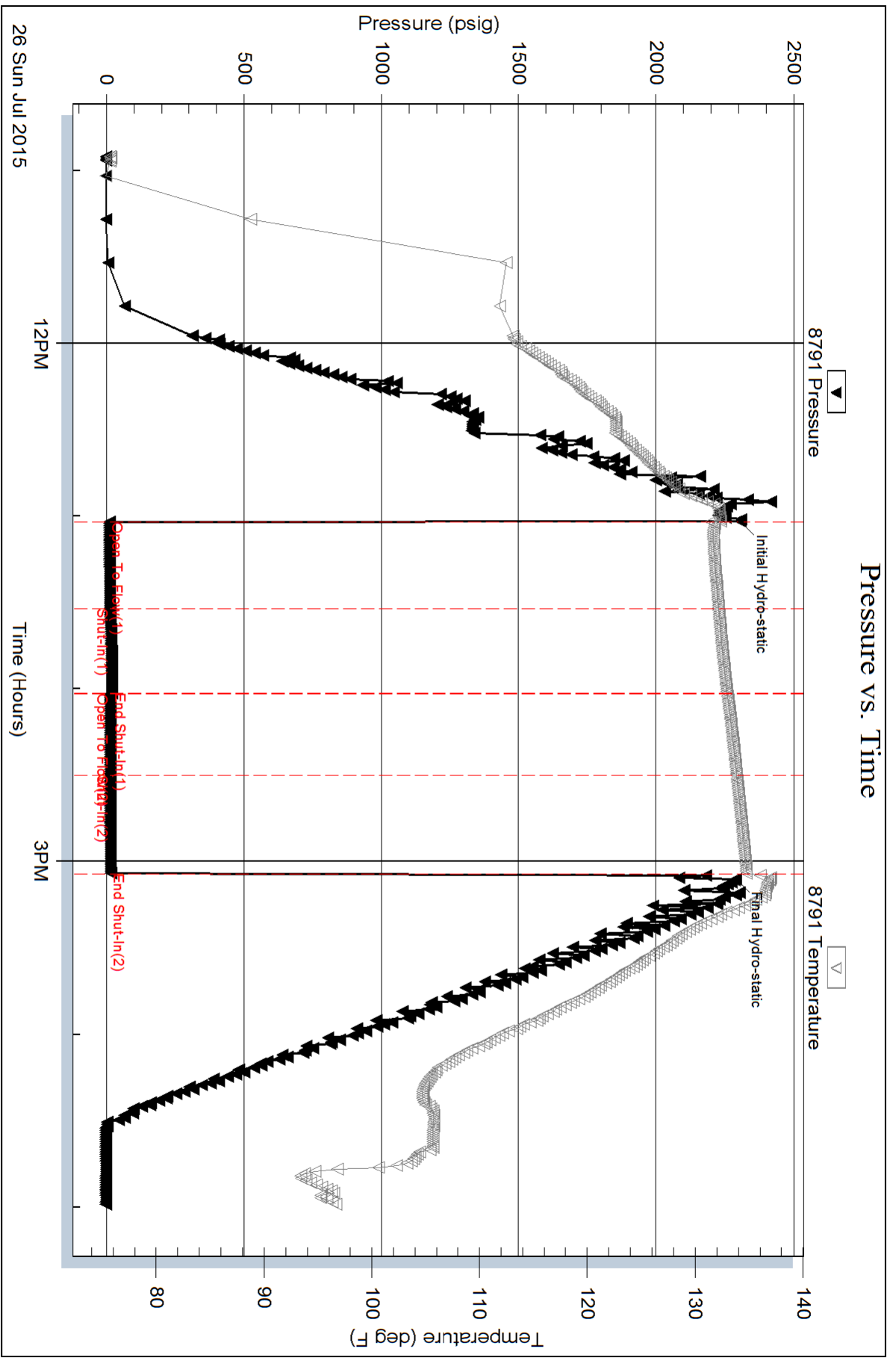
Serial #: 8791

Inside

Thoroughbred Associates LLC

Cozza #1-20

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 62834

Printed: 2015.07.26 @ 23:00:07

ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. #20-5975804

067640

REMIT TO: P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Dakley

DATE <i>7-28-15</i>	SEC. <i>20</i>	TWP. <i>4</i>	RANGE <i>35</i>	CALLED OUT	ON LOCATION <i>2:30 AM</i>	JOB START <i>5:30 AM</i>	JOB FINISH <i>2:30 PM</i>	
LEASE <i>00229</i>			WELL # <i>1-20</i>		LOCATION <i>Levant N to RLB 2W</i>			COUNTY <i>Rockwall</i>
OLD OR (NEW) (Circle one) <u>NEW</u>				<i>WELL WINDO</i>				STATE <i>TX</i>

CONTRACTOR <i>Martin 24</i>	OWNBR <i>Same</i>
TYPE OF JOB <i>P.T.A</i>	
HOLE SIZE <i>7 7/8</i>	T.D. <i>4850</i>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <i>4 1/2</i>	DEPTH <i>3015'</i>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

CEMENT	
AMOUNT ORDERED <i>240 STS 6940 408gal</i>	
<i>1/4 Flo-seal</i>	
COMMON	@
POZMIX	@
GBL	@
CHLORIDE	@
ASC	@
<i>6940 408gal 240 STS</i>	@ 19.89 4723.40
<i>Flo-seal 10th</i>	@ 2.97 178.20
	@
	@
	@
	@
	@
	@
TOTAL	4911.60

EQUIPMENT

PUMP TRUCK # <i>437</i>	CEMENTER <i>Andrew Ireland</i>	HELPER <i>Darren Racette</i>
BULK TRUCK # <i>323</i>	DRIVER <i>Terry Helgach</i>	
BULK TRUCK #	DRIVER	

DISCOUNT *40%* *1966.70*

REMARKS:

50 stx @ 3015'
100 stx @ 2365'
50 stx @ 400'
10 stx @ 40'
30 stx - Rat hole

Thank you

CHARGE TO: *Thoroughbred*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

HANDLING <i>257.26 cu/ft @ 2.48</i>	<i>639.24</i>
MILEAGE <i>2.25 70y/mile 10.2 ton</i>	<i>11.27.45</i>
DEPTH OF JOB <i>3015'</i>	
PUMP TRUCK CHARGE	<i>2600.97</i>
EXTRA FOOTAGE	@
HV MILEAGE <i>55 miles</i>	@ 2.00 <i>423.50</i>
LV MILEAGE <i>55 miles</i>	@ 4.40 <i>242.00</i>
	@
	@
TOTAL	5530.66

DISCOUNT *40%* *2213.06*

To: Allied Oil & Gas Services, 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.

PLUG & FLOAT EQUIPMENT

<i>2 5/8</i>	
<i>1 Dry hole plug</i>	@ 110.00
	@
	@
	@
	@
TOTAL	110.00

DISCOUNT *0%*

SALES TAX (If Any) *874.05*

TOTAL CHARGES *16344.16*

DISCOUNT *40%* *6537.67* IF PAID IN 30 DAYS

NET TOTAL *9806.49* IF PAID IN 30 DAYS

PRINTED NAME *Anthony Martin*

SIGNATURE *Anthony Martin*

Date 7-28-15 District 09644 Ticket No. 067640
 Company Thoroughbred Rig MuFin 24
 Lease C0229 Well No. 1-20
 County Rawlins State K
 Location 20 4 35 Field _____
Levant NTD B 20 7/4 N WINDO

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size 4 1/2 Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 4830 ft. P.B. to 3015 ft.

CAPACITY FACTORS:

Casing: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbs/Lin. ft. 01422 Lin. ft./Bbl. _____
 Annulus: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____

LEAD: Pump Time _____ hrs. Type 60/40 4969°C
1/4 FLO-seal Excess _____

Amt. 240 Skys Yield 1.4 ft³/sk Density 14.1 PPG _____

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbbs.

Pump Trucks Used 431

Bulk Equip. 323

Float Equip: Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type _____ Amt. _____ Bbbs. Weight _____ PPG _____

Mud Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE _____

CEMENTER Andrew

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbs Min.	
				5		Pump water
				8		Mix cement
				5		Pump water
				35		Pump mud
				5		Pump water
				16		Mix cement
				5		Pump water
				21		Pump mud
				5		Pump water
				8		Mix cement
				215		Pump water
				115		Mix cement
				5		Mix cement
						40'
						Rat hole