

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conv. to EOR  Conv. to SWD  
 Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

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

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

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

Submitted Electronically

**KCC Office Use ONLY**

Confidentiality Requested

Date: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

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

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

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

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

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

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
---	--	------------------------------------

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	JESSIE #1-8 OWWO
Doc ID	1593287

Tops

Name	Top	Datum
Topeka	3187	-1168
Heebner	3456	-1437
L-KC	3568	-1549
BKC	3819	1800
Penn Sand	3883	-1864
Simpson Shale	3905	-1886
Arbuckle	3936	-1917
LTD	4024	-2005





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Shelby Resources L.L.C  
 621 17th St Ste 1155 Denver CO 80293  
 ATTN: Jeremy Schwartz

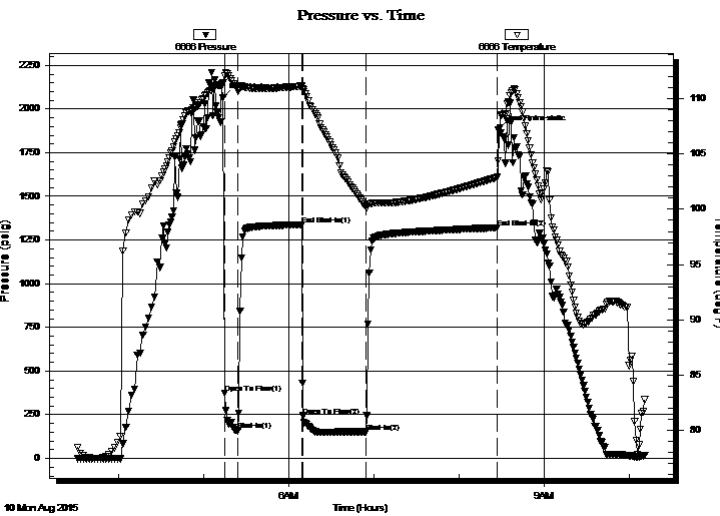
**8-22-16w Pawnee**  
**Jessie #1-8**  
 Job Ticket: 62933 **DST#: 1**  
 Test Start: 2015.08.10 @ 03:30:00

## GENERAL INFORMATION:

Formation: **Conglomerate**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 05:14:30  
 Time Test Ended: 10:10:30  
 Interval: **3834.00 ft (KB) To 3894.00 ft (KB) (TVD)**  
 Total Depth: 3894.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jared Scheck  
 Unit No: 55-50rt -Great Bend  
 Reference Elevations: 2019.00 ft (KB)  
 2008.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 6666 Inside**  
 Press@RunDepth: 152.37 psig @ 3866.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.08.10 End Date: 2015.08.10 Last Calib.: 2015.08.10  
 Start Time: 03:31:00 End Time: 10:10:30 Time On Btm: 2015.08.10 @ 05:13:30  
 Time Off Btm: 2015.08.10 @ 08:27:30

**TEST COMMENT:** IFP-10 Minutes-Strong blow built bottom of bucket in 45 sec  
 ISIP-45 Minutes-No blow back  
 FFP-45 Minutes-Strong blow built bottom of bucket in 45 sec  
 FSIP-90Minutes-Very weak blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2063.24	111.43	Initial Hydro-static
1	372.93	112.03	Open To Flow (1)
11	159.69	110.71	Shut-In(1)
56	1337.41	111.14	End Shut-In(1)
57	244.13	110.78	Open To Flow (2)
101	152.37	100.20	Shut-In(2)
193	1319.71	102.90	End Shut-In(2)
194	1882.08	104.42	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
90.00	mud	0.99
0.00	3700 feet gas in pipe gas sample was	0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	23.00	584.18
Last Gas Rate	0.75	23.00	584.18
Max. Gas Rate	0.75	23.00	584.18



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Shelby Resources L.L.C

**8-22-16w Pawnee**

621 17th St Ste 1155 Denver CO 80293

**Jessie #1-8**

Job Ticket: 62933

**DST#: 1**

ATTN: Jeremy Schwartz

Test Start: 2015.08.10 @ 03:30:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length: ft

Water Salinity: ppm

Viscosity: 48.00 sec/qt

Cushion Volume: bbl

Water Loss: 11.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 7700.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	mud	0.989
0.00	3700 feet gas in pipe gas sample w as tak	0.000

Total Length: 90.00 ft      Total Volume: 0.989 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**GAS RATES**

Shelby Resources L.L.C

**8-22-16w Pawnee**

621 17th St Ste 1155 Denver CO 80293

**Jessie #1-8**

Job Ticket: 62933

**DST#: 1**

ATTN: Jeremy Schwartz

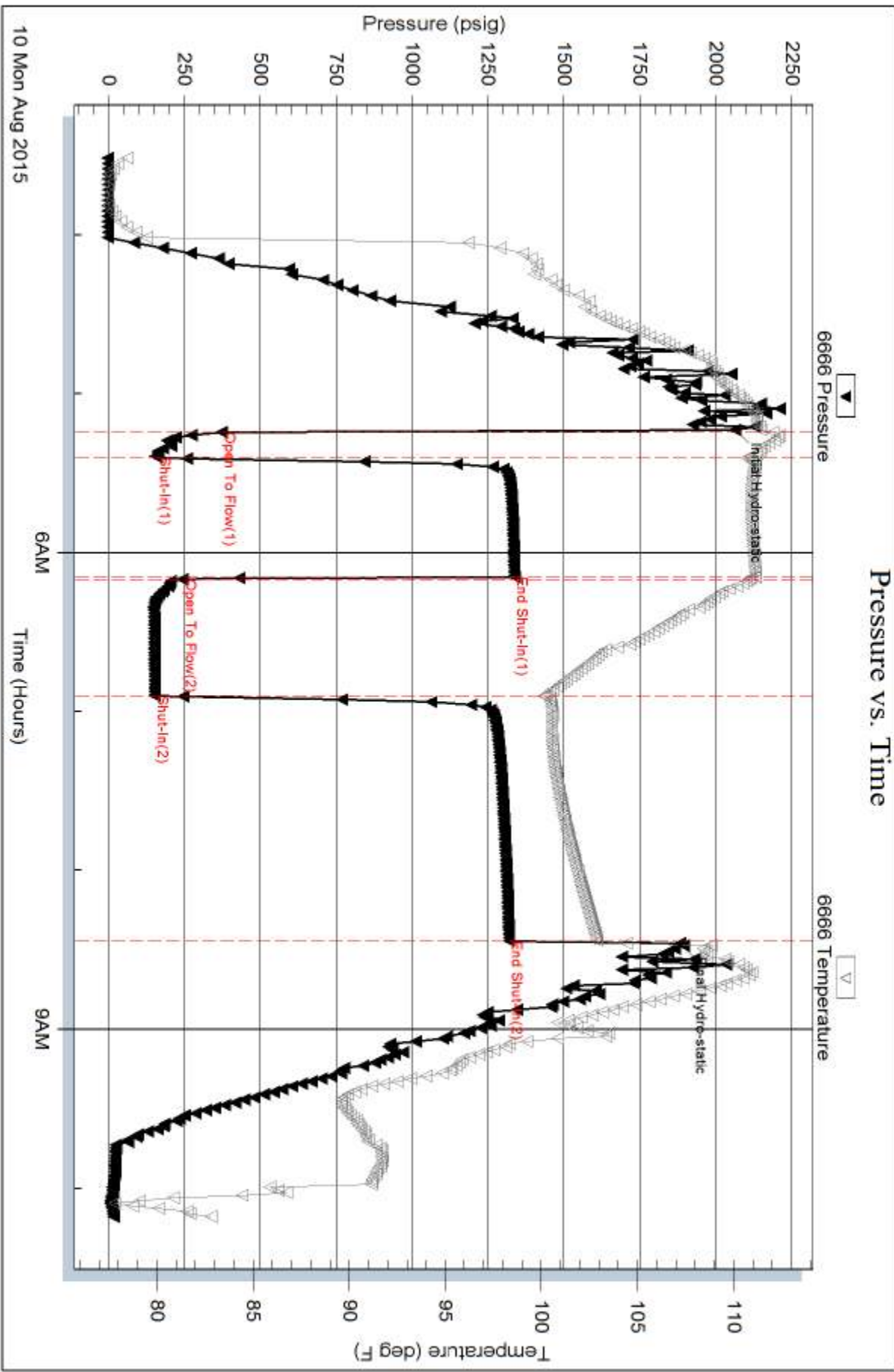
Test Start: 2015.08.10 @ 03:30:00

### Gas Rates Information

Temperature: 59 (deg F)  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	10	0.75	23.00	584.18
2	10	0.75	23.00	584.18
2	20	0.75	23.00	584.18
2	30	0.75	23.00	584.18







**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shelby Resources L.L.C  
 621 17th St Ste 1155 Denver CO 80293  
 ATTN: Jeremy Schwartz

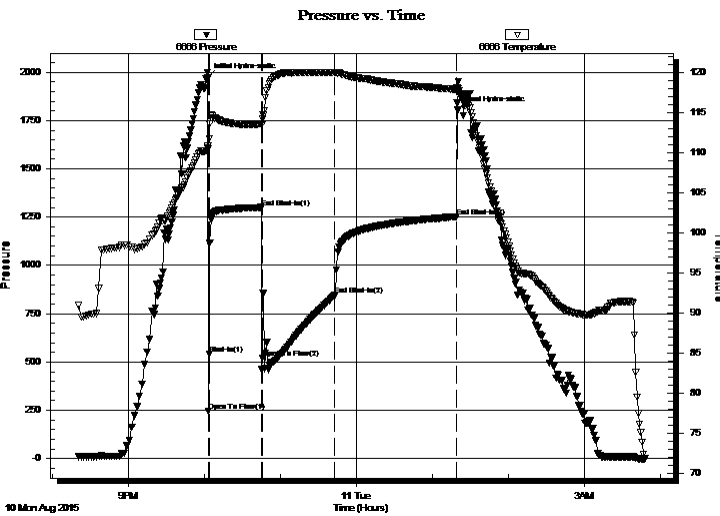
**8-22-16w Pawnee**  
**Jessie #1-8**  
 Job Ticket: 62934 **DST#: 2**  
 Test Start: 2015.08.10 @ 20:20:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 22:03:30 Tester: Jared Scheck  
 Time Test Ended: 03:48:00 Unit No: 55-Great Bend-RT50  
 Interval: **3903.00 ft (KB) To 3945.00 ft (KB) (TVD)** Reference Elevations: 2019.00 ft (KB)  
 Total Depth: 3945.00 ft (KB) (TVD) 2008.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

**Serial #: 6666 Outside**  
 Press @ Run Depth: 540.59 psig @ 3905.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.08.10 End Date: 2015.08.11 Last Calib.: 2015.08.11  
 Start Time: 20:21:00 End Time: 03:48:00 Time On Btm: 2015.08.10 @ 22:03:00  
 Time Off Btm: 2015.08.11 @ 01:20:00

**TEST COMMENT:** IFP-10 Minutes-Fair blow built 6 inches into bucket tool chased 4 feet  
 ISIP-45 Minutes-No blow back  
 FFP-60 Minutes-Strong blow built bottom of bucket in 5 minutes  
 FSIP-90 Minutes-No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1969.61	110.91	Initial Hydro-static
1	246.10	110.46	Open To Flow (1)
1	540.59	111.73	Shut-In(1)
42	1298.96	113.59	End Shut-In(1)
43	521.23	114.18	Open To Flow (2)
100	844.36	119.99	End Shut-In(2)
196	1252.05	117.89	End Shut-In(3)
197	1803.61	117.94	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1620.00	water	20.81
0.00	chlorides 30,000 resistivity .15@70degrees	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Shelby Resources L.L.C

**8-22-16w Pawnee**

621 17th St Ste 1155 Denver CO 80293

**Jessie #1-8**

Job Ticket: 62934

**DST#: 2**

ATTN: Jeremy Schwartz

Test Start: 2015.08.10 @ 20:20:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1620.00	water	20.811
0.00	chlorides 30,000 resistivity.15@70degres	0.000

Total Length: 1620.00 ft      Total Volume: 20.811 bbl

Num Fluid Samples: 0

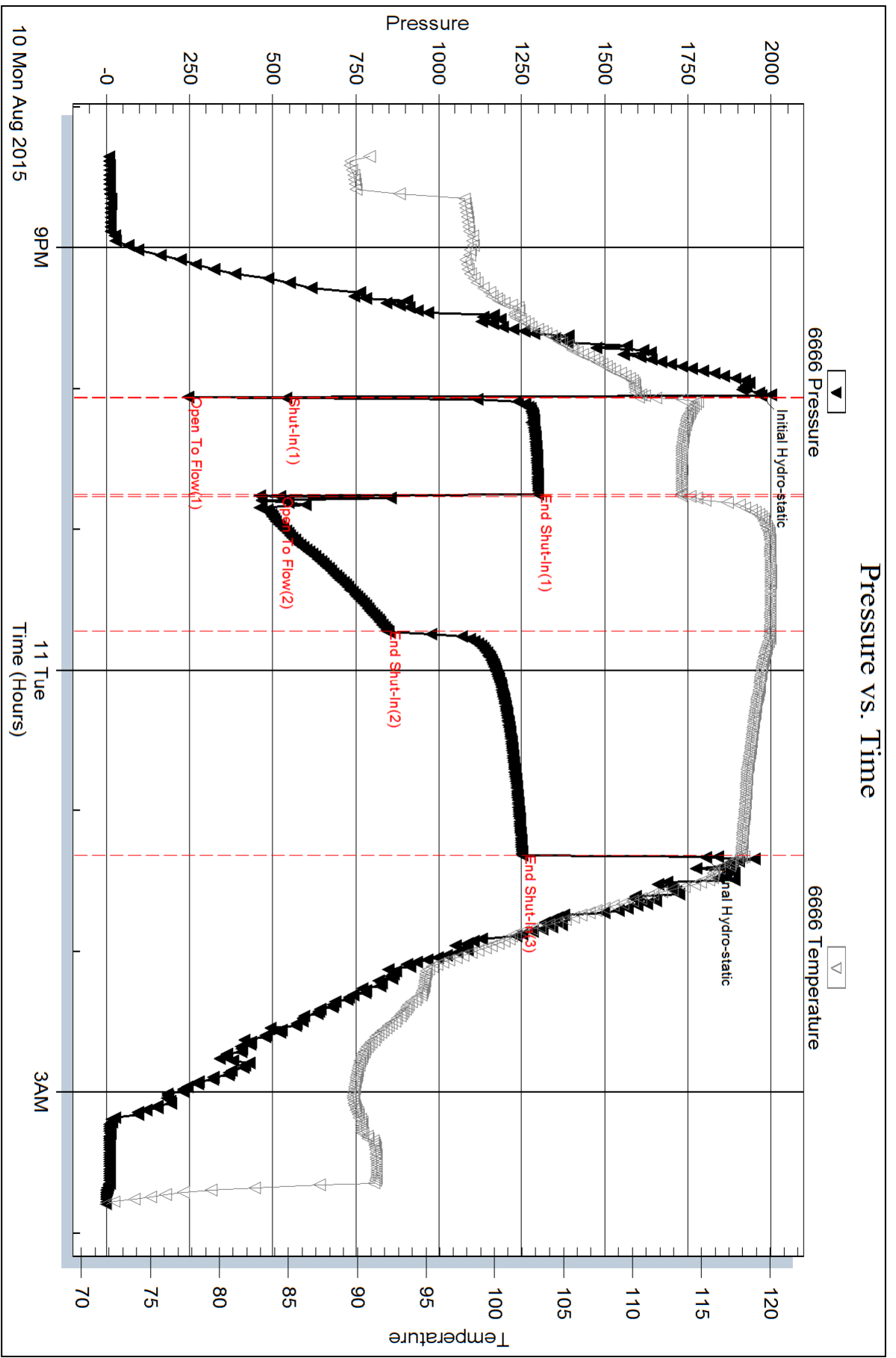
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



# 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. 1601  
8-7-15

Date	8-6-15	Sec.	8	Twp.	22	Range	16	County	Pawnee	State	Ks	On Location		Finish	12:45 AM
------	--------	------	---	------	----	-------	----	--------	--------	-------	----	-------------	--	--------	----------

Location Larned, Ks - 5 to River 100' 5 to River Rd

Lease	Jessie	Well No.	1-8	Owner	1.8 SW, E/Int
Contractor	Sterling	#	4	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	Surface			Charge To	Shelby Resources
Hole Size	12 1/4"	T.D.	1040'	Street	
Csg.	8 5/8"	Depth	1035'	City	
Tbg. Size		Depth		State	
Tool	<del>_____</del>	Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.	<del>_____</del>	Shoe Joint	8.50'	Cement Amount Ordered	450 60/40 3% CC 2% Gel 1/2 #10
Meas Line		Displace	63 1/4 BLS	Seal	

**EQUIPMENT**

Pumptrk	20	No.	Cementer	Billy	Common	220
			Helper		Poz. Mix	180
Bulktrk	19	No.	Driver	Dougy	Gel.	9
			Driver		Calcium	19
Bulktrk	p.u.	No.	Driver	Rick		

**JOB SERVICES & REMARKS**

Remarks:	Cement did Circulate	Hulls	
Rat Hole		Salt	
Mouse Hole		Flowseal	225 #
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar		CFL-117 or CD110 CAF 38	
		Sand	
		Handling	477
		Mileage	

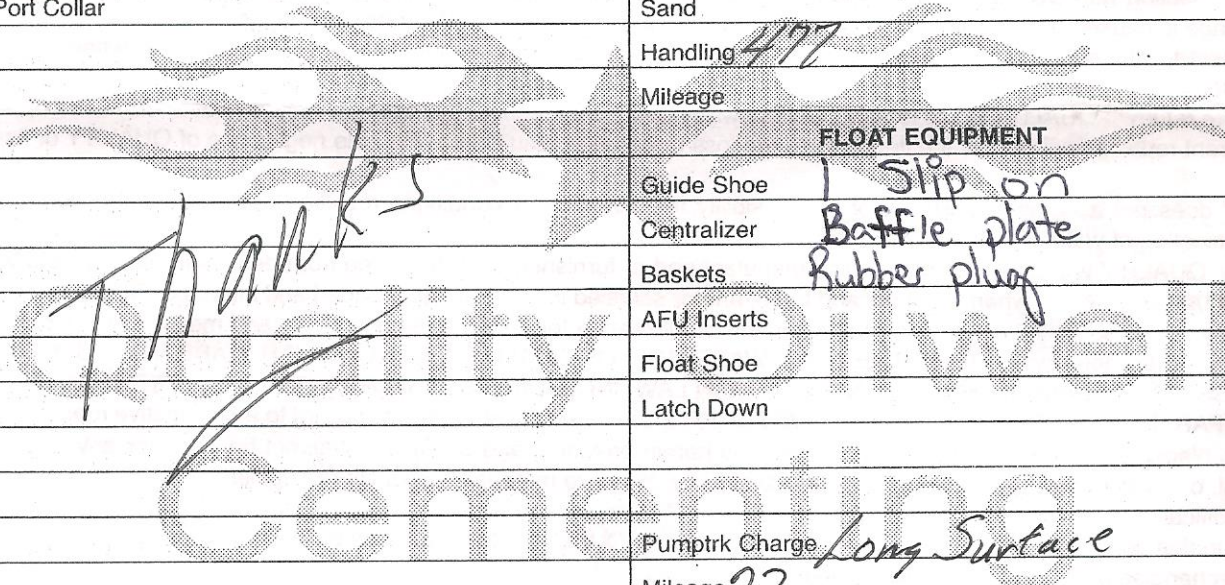
**FLOAT EQUIPMENT**

Guide Shoe	1 Slip on
Centralizer	Baffle plate
Baskets	Rubber plug
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge Long Surface  
Mileage 23

Tax	
Discount	
Total Charge	

X Signature [Handwritten Signature]





**CEMENT TREATMENT REPORT**

Customer:	SHELBY RESOURCES LLC	Well:	JESSIE 1-8 OWWO	Ticket:	WP 1655
City, State:		County:	PAWNEE,KS	Date:	7/29/2021
Field Rep:	CHRIS GOTTSCHALK	S-T-R:	8-22S-16W	Service:	LONGSTRING

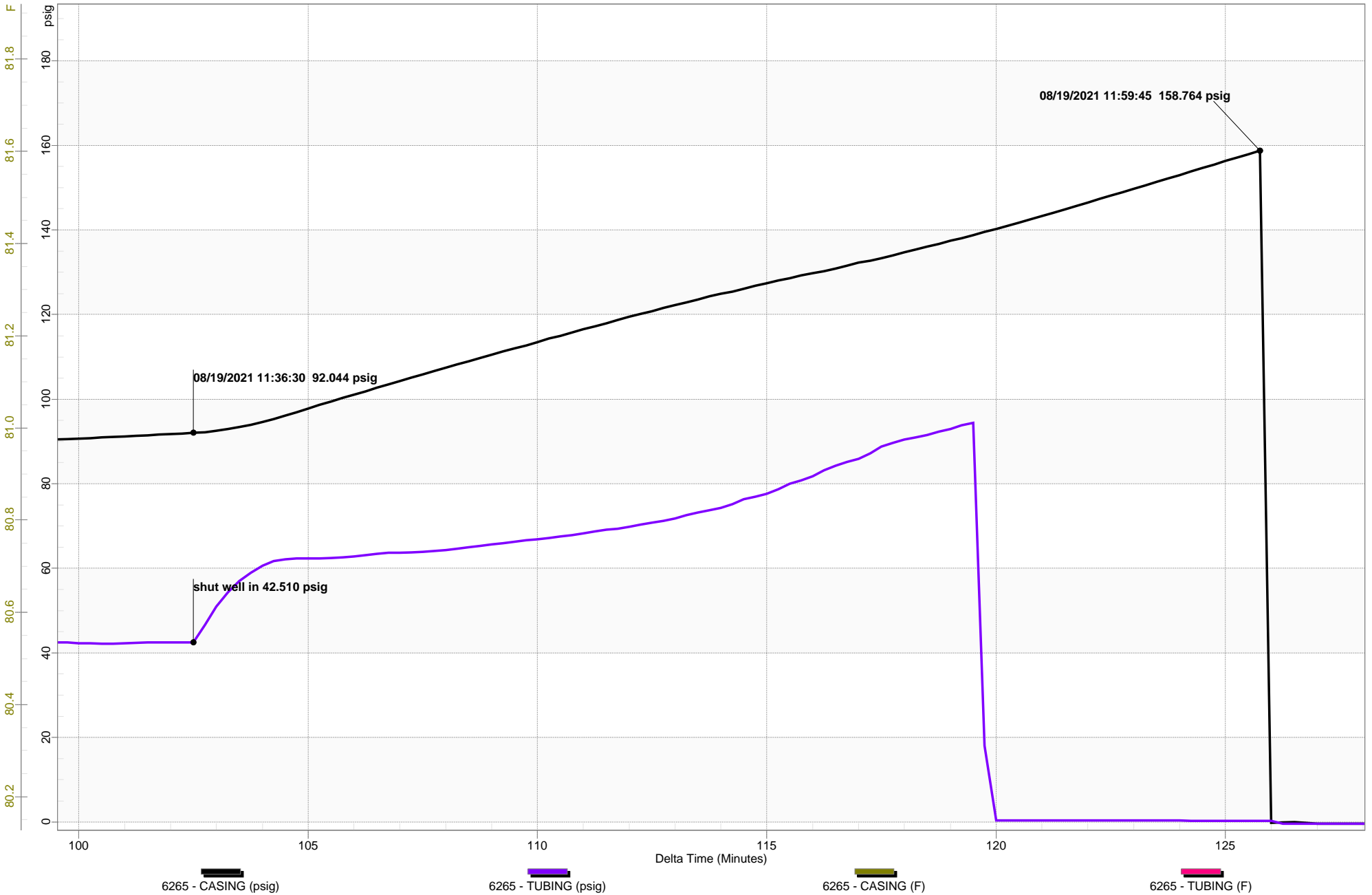
Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	7 7/8 in	Blend:	SCAVENGER	Blend:	H- LONG
Hole Depth:	ft	Weight:	13.8 ppg	Weight:	15 ppg
Casing Size:	5 1/2 in	Water / Sx:	gal / sx	Water / Sx:	6.0 gal / sx
Casing Depth:	ft	Yield:	ft <sup>3</sup> / sx	Yield:	1.43 ft <sup>3</sup> / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
PLUG Depth:	3966.09 ft	Depth:	ft	Depth:	ft
Tool / Packer:		Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	ft	Excess:		Excess:	
Displacement:	94.4 bbls	Total Slurry:	12.0 bbls	Total Slurry:	25.4 bbls
		Total Sacks:	50 sx	Total Sacks:	100 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
3:00PM			-	-	ON LOCATION- SPOT EQUIPMENT
4:50PM				-	RUN 5 1/2" CASING
				-	BASKET ON TOP OF SHOE JOINT
				-	TURBOLIZERS- 2-4-5
6:55PM				-	CASING ON BOTTOM
7:00PM				-	HOOK UP TO CASING - BREAK CIRC. WITH RIG PUMP AND MUD
8:00PM	5.0		12.0	12.0	PLUG RATHOLE WITH 30 SKS H-PLUG CEMENT @ 13 PPG
8:10PM	5.0		18.0	30.0	MIX 70 SKS SCAVENGER @ 13.8 PPG
8:15PM	5.0		13.0	43.0	MIXED 50 SKS H-LONG CEMENT @ 15 PPG
8:20PM				43.0	BULK TRUCK MOTOR BROKE DOWN
8:30PM			-	43.0	WAIT ON OTHER TRUCK TO ARRIVE- CIRCULATE CEMENT OUT OF PIPE AND HOLE
11:40PM	5.0	250.0	12.8		*****MIX 50 SKS SCAVENGER @ 13.8 PPG
11:45PM	5.0	200.0	25.4		MIX 120 SKS H-LONG CEMENT @ 15 PPG
12:15AM					SHUT DOWN - CLEAR PUMP AND LINES - DROP LATCH DOWN PLUG
12:30AM	6.0	200.0	-		START DISPLACEMENT
12:42AM	5.0	350.0	72.0		LIFT PRESSURE
12:55AM	4.0	500.0	90.0		SLOW RATE
1:00AM	3.0	1,500.0	94.4		PLUG DOWN-HELD
					CIRCULATION THRU JOB
					WASH UP PUMP TRUCK
					JOB COMPLETE,
					THANKS-
					KEVEN AND CREW

CREW		UNIT	SUMMARY		
Cementer:	LESLEY	75	Average Rate	Average Pressure	Total Fluid
Pump Operator:	OSBORN	197-522	4.8 bpm	500 psi	338 bbls
Bulk #1:	(RH) RUBEN	182-533			
Bulk #2:	BRIDEN W.	X-HAND			

# PRESSURE AND TEMPERATURE VS TIME

Company: Shelby Resources  
Location: Jessie 1-8 OWWO  
Test Description: Flow test  
Date: 8/19/2021  
Serial# 6265



# Trilobite Testing Inc.

## Extended Report

---

Oil Company: Shelby Resources  
Well Name: Jessie 1-8 OWWO  
Well Location: 8/22/16 Pawnee  
Formation: Conglomerate

---

# Trilobite Testing Inc.

## OIL COMPANY INFORMATION

Oil Company: Shelby Resources  
Address: 3700 Quebec Street Suite 100 PMB 376

## WELL INFORMATION

Well Name: Jessie 1-8 OWWO  
Well Location: 8/22/16 Pawnee  
Field:  
Pool:  
Formation: Conglomerate  
Well Licence Number:  
Well Fluid Status:  
Well Mode Status:  
Well Type Status:  
Well Type Indicator:  
Production Interval(KB) From: TO  
KB Elevation: CF Elevation: Ground Elevation:  
Pool Datum: Datum Depth: 0  
Producing Through:  
O.H. Diameter:  
Casing Liner Diameter:  
PBTD:  
Total Depth:  
Tubing Depth:  
Tubing OD.: Tubing ID.:  
Casing OD.: Casing ID.:

## TEST INFORMATION

Type Of Test:  
Initial Tubing Pressure: Final Tubing Pressure:  
Initial Casing Pressure: Final Casing Pressure:  
Shut in Time:

## GAUGE INFORMATION

Serial Number: 6304  
Pressure Range: 6003  
Calibration Date: APR 15/08  
Gauge Started: Gauge Stopped:  
On Bottom Time: Off Bottom Time:  
Run Depth Bottom (KB):

## REMARKS



# Trilobite Testing Inc.

## Extended Summary

---

Oil Company: Shelby Resources  
Run Depth:

Well Location: 8/22/16 Pawnee  
Serial#: 6304

#	Real Time	Comment
1	08/19/2021 09:54:05	SI Casing 1072.040 psig
2	08/19/2021 09:54:05	SI Tubing 1035.451 psig
3	08/19/2021 10:13:15	opening choke as it was freezing 1874.716 mscf/day
4	08/19/2021 10:55:30	reduced line pressure 109.050 psig
5	08/19/2021 11:11:30	157.885 mscf/day
6	08/19/2021 11:11:45	81.391 psig
7	08/19/2021 09:52:00	
8	08/19/2021 09:52:00	
9	08/19/2021 09:52:00	
10	08/19/2021 09:52:00	
11	08/19/2021 09:52:00	
12	08/19/2021 09:52:00	

# Trilobite Testing Inc.

Oil Company: SHELBY RESOURCES  
Run Depth:

Well Location: 8/22/16 Pawnee  
Serial#: 6304

Real Time	Delta Time	Sample#	STATIC (psig)	CASING (psig)	TUBING (psig)	METER (F)	TUBING (F)	Air (mscf)	Air (mscf/day)	Comments
08/19/2021 09:52:00	0.000000	1	0.550-1000000000.000	-1000000000.000	0.000	85.212	-1000000000.000	0.000	0.000	
08/19/2021 09:52:25	0.006944	6	0.609-1000000000.000	-1000000000.000	0.000	85.364	-1000000000.000	0.000	0.000	
08/19/2021 09:52:50	0.013889	11	0.888-1000000000.000	-1000000000.000	0.000	85.510	-1000000000.000	0.000	0.000	
08/19/2021 09:53:45	0.029167	16	2.455-1000000000.000	-1000000000.000	0.000	85.776	-1000000000.000	0.000	0.000	
08/19/2021 09:54:05	0.034722	18								
			-1000000000.000	1072.040	1035.451	-1000000000.000	80.222	0.000	-1000000000.000	
							SI Casing 1072.040 psig			
08/19/2021 09:54:20	0.038889	21								
			-1000000000.000	1071.972	1032.960	-1000000000.000	80.505	0.000	-1000000000.000	
08/19/2021 09:54:45	0.045833	26	109.983	-0.029	1029.620	86.339	80.682	0.000	0.000	
08/19/2021 09:55:30	0.058333	31	108.501	-0.102	-0.534	85.830	80.550	0.000	0.000	
08/19/2021 09:56:45	0.079167	36	107.680	-0.108	107.236	85.660	80.659	0.000	0.000	
08/19/2021 09:58:00	0.100000	41	108.955	-0.173	108.401	85.783	80.689	0.000	0.000	
08/19/2021 09:59:15	0.120833	46	109.010	-0.225	1028.825	85.146	80.898	0.000	0.000	
08/19/2021 10:00:30	0.141667	51	109.984	-0.255	1025.545	83.971	80.940	0.000	0.000	
08/19/2021 10:01:45	0.162500	56	109.789	1069.471	1022.667	83.066	81.020	0.000	0.000	
08/19/2021 10:03:00	0.183333	61	108.957	1070.391	1020.084	82.280	81.085	0.000	0.000	
08/19/2021 10:04:15	0.204167	66	112.496	1068.583	1013.432	78.627	81.147	0.053	140.244	
08/19/2021 10:05:30	0.225000	71	111.397	1054.333	987.972	61.643	81.203	0.503	925.129	
08/19/2021 10:06:45	0.245833	76	111.459	1027.395	945.808	43.504	81.273	1.564	1265.277	
08/19/2021 10:08:00	0.266667	81	112.068	998.027	903.082	35.359	81.324	2.780	1631.724	
08/19/2021 10:09:15	0.287500	86	111.947	965.987	856.729	32.482	81.388	4.124	1789.756	
08/19/2021 10:10:30	0.308333	91	112.326	931.833	826.557	32.365	81.463	5.519	1495.589	
08/19/2021 10:11:45	0.329167	96	112.143	899.615	773.763	32.404	81.552	6.919	1683.632	
08/19/2021 10:13:00	0.350000	101	113.282	863.208	718.631	33.102	81.667	8.471	1798.170	
08/19/2021 10:14:15	0.370833	106	112.488	825.327	668.877	34.454	81.788	10.054	1794.256	
08/19/2021 10:15:30	0.391667	111	112.912	788.392	616.806	36.359	81.907	11.608	1792.771	
08/19/2021 10:16:45	0.412500	116	112.231	751.420	573.701	37.589	82.018	13.140	1688.029	
08/19/2021 10:18:00	0.433333	121	112.767	717.244	554.217	44.073	82.116	14.435	1473.827	
08/19/2021 10:19:15	0.454167	126	113.904	685.280	532.388	46.985	82.236	15.677	1408.346	
08/19/2021 10:20:30	0.475000	131	113.898	655.049	506.141	48.667	82.353	16.873	1360.649	
08/19/2021 10:21:45	0.495833	136	112.698	625.516	477.673	49.658	82.440	18.047	1335.792	
08/19/2021 10:23:00	0.516667	141	113.062	596.733	452.215	50.238	82.519	19.189	1298.773	
08/19/2021 10:24:15	0.537500	146	112.329	568.650	422.616	50.821	82.609	20.315	1283.774	
08/19/2021 10:25:30	0.558333	151	112.287	541.586	400.769	51.721	82.678	21.386	1209.714	
08/19/2021 10:26:45	0.579167	156	112.246	516.005	382.993	52.831	82.775	22.379	1108.244	
08/19/2021 10:28:00	0.600000	161	113.851	490.754	324.312	53.986	82.888	23.425	1383.322	
08/19/2021 10:29:15	0.620833	166	112.495	461.618	315.779	54.966	83.013	24.503	1179.021	
08/19/2021 10:30:30	0.641667	171	112.542	435.046	299.214	55.632	83.162	25.501	1131.638	
08/19/2021 10:31:45	0.662500	176	112.531	408.052	250.469	56.563	83.273	26.576	1246.693	
08/19/2021 10:33:00	0.683333	181	112.452	380.002	232.189	57.817	83.376	27.626	1189.783	
08/19/2021 10:34:15	0.704167	186	111.996	353.276	217.711	58.736	83.510	28.624	1108.850	
08/19/2021 10:35:30	0.725000	191	111.873	328.429	204.484	59.159	83.668	29.554	1047.389	
08/19/2021 10:36:45	0.745833	196	111.882	305.118	191.123	59.795	83.866	30.434	986.699	
08/19/2021 10:38:00	0.766667	201	112.019	282.104	158.766	60.772	84.067	31.338	1012.837	
08/19/2021 10:39:15	0.787500	206	111.976	259.603	149.788	61.461	84.243	32.174	934.529	
08/19/2021 10:40:30	0.808333	211	111.543	239.086	141.496	62.119	84.417	32.948	863.161	
08/19/2021 10:41:45	0.829167	216	111.358	220.543	134.725	62.585	84.527	33.655	782.423	
08/19/2021 10:43:00	0.850000	221	111.229	204.087	129.015	63.190	84.574	34.296	709.099	
08/19/2021 10:44:15	0.870833	226	110.728	189.594	123.863	63.985	84.614	34.876	639.538	
08/19/2021 10:45:30	0.891667	231	110.669	176.878	116.373	64.663	84.610	35.406	586.024	
08/19/2021 10:46:45	0.912500	236	110.417	165.751	114.340	65.123	84.580	35.876	513.296	
08/19/2021 10:48:00	0.933333	241	110.171	156.520	112.628	65.592	84.536	36.287	448.577	
08/19/2021 10:49:15	0.954167	246	109.738	149.049	111.006	66.157	84.519	36.647	393.797	
08/19/2021 10:50:30	0.975000	251	109.441	143.000	110.034	66.681	84.500	36.961	341.509	
08/19/2021 10:51:45	0.995833	256	109.163	138.494	109.221	67.066	84.485	37.226	285.075	
08/19/2021 10:53:00	1.016667	261	109.018	135.425	108.948	67.614	84.484	37.445	236.840	

# Trilobite Testing Inc.

Oil Company: SHELBY RESOURCES  
Run Depth:

Well Location: 8/22/16 Pawnee  
Serial#: 6304

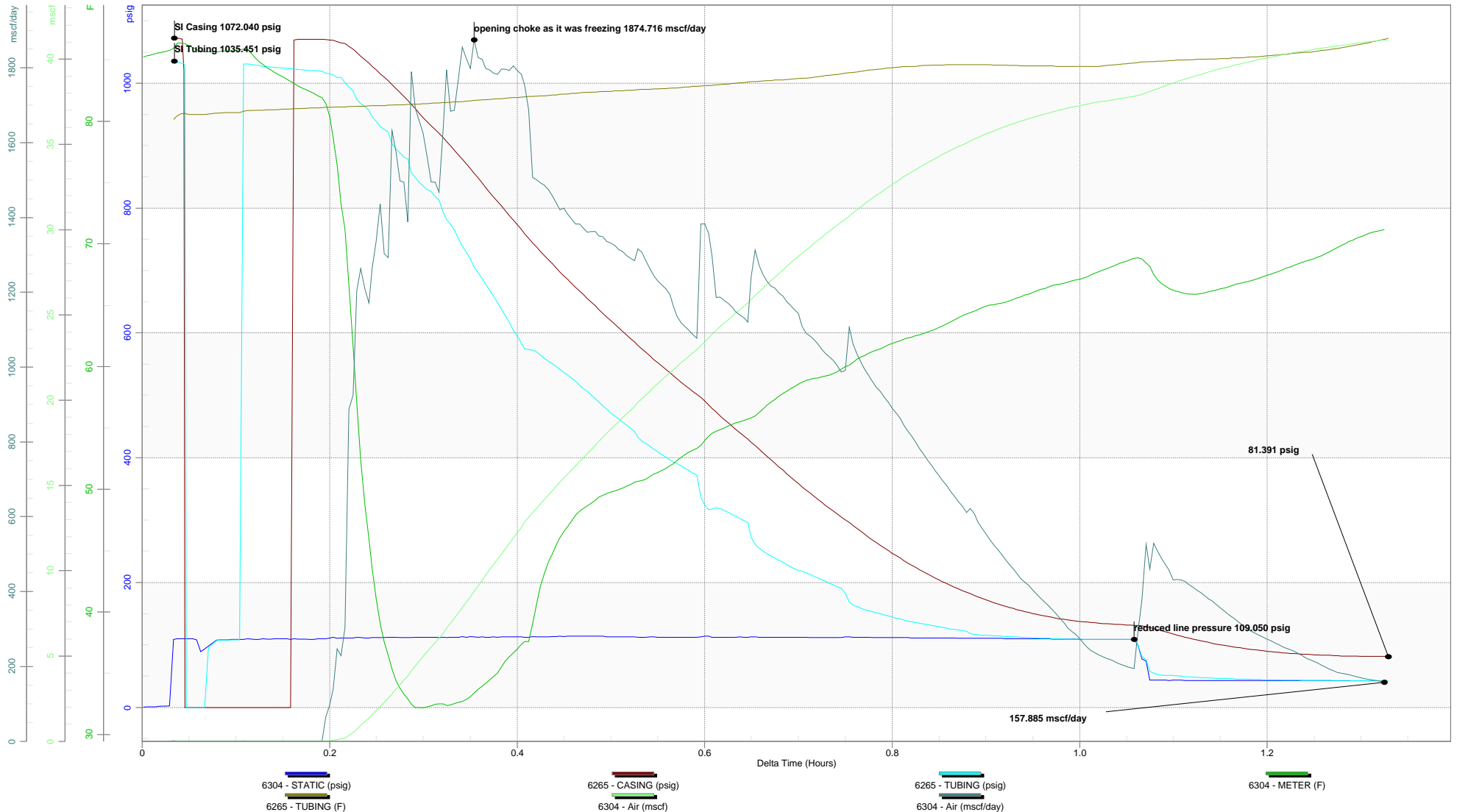
Real Time	Delta Time	Sample#	STATIC (psig)	CASING (psig)	TUBING (psig)	METER (F)	TUBING (F)	Air (mscf)	Air (mscf/day)	Comments
08/19/2021 10:54:15	1.037500	266	109.031	133.186	108.896	68.259	84.597	37.637	212.531	
08/19/2021 10:55:30	1.058333	271	109.050	131.528	108.850	68.841	84.762	37.812	194.406	
08/19/2021 10:56:45	1.079167	276	43.409	126.140	54.451	67.501	84.871	38.192	529.565	
08/19/2021 10:58:00	1.100000	281	43.377	117.299	50.852	66.225	84.964	38.600	430.950	
08/19/2021 10:59:15	1.120833	286	43.265	109.409	48.411	65.903	85.022	38.968	411.835	
08/19/2021 11:00:30	1.141667	291	43.242	102.668	47.025	66.165	85.066	39.306	373.878	
08/19/2021 11:01:45	1.162500	296	43.122	97.273	45.733	66.615	85.146	39.608	331.879	
08/19/2021 11:03:00	1.183333	301	43.070	92.917	44.809	67.011	85.234	39.876	294.485	
08/19/2021 11:04:15	1.204167	306	43.032	89.349	44.093	67.546	85.364	40.117	268.228	
08/19/2021 11:05:30	1.225000	311	42.904	86.588	43.496	68.137	85.509	40.337	244.248	
08/19/2021 11:06:45	1.245833	316	42.805	84.525	43.086	68.708	85.644	40.535	217.043	
08/19/2021 11:08:00	1.266667	321	42.735	83.155	42.823	69.359	85.847	40.711	192.344	
08/19/2021 11:09:15	1.287500	326	42.652	82.222	42.750	70.205	86.103	40.869	177.489	
08/19/2021 11:10:30	1.308333	331	42.614	81.717	42.591	70.845	86.403	41.017	164.996	
08/19/2021 11:11:30	1.325000	335	42.578	81.499	42.504	71.186	86.690	41.128	157.885	

# Trilobite Testing Inc.

## Extended Plot

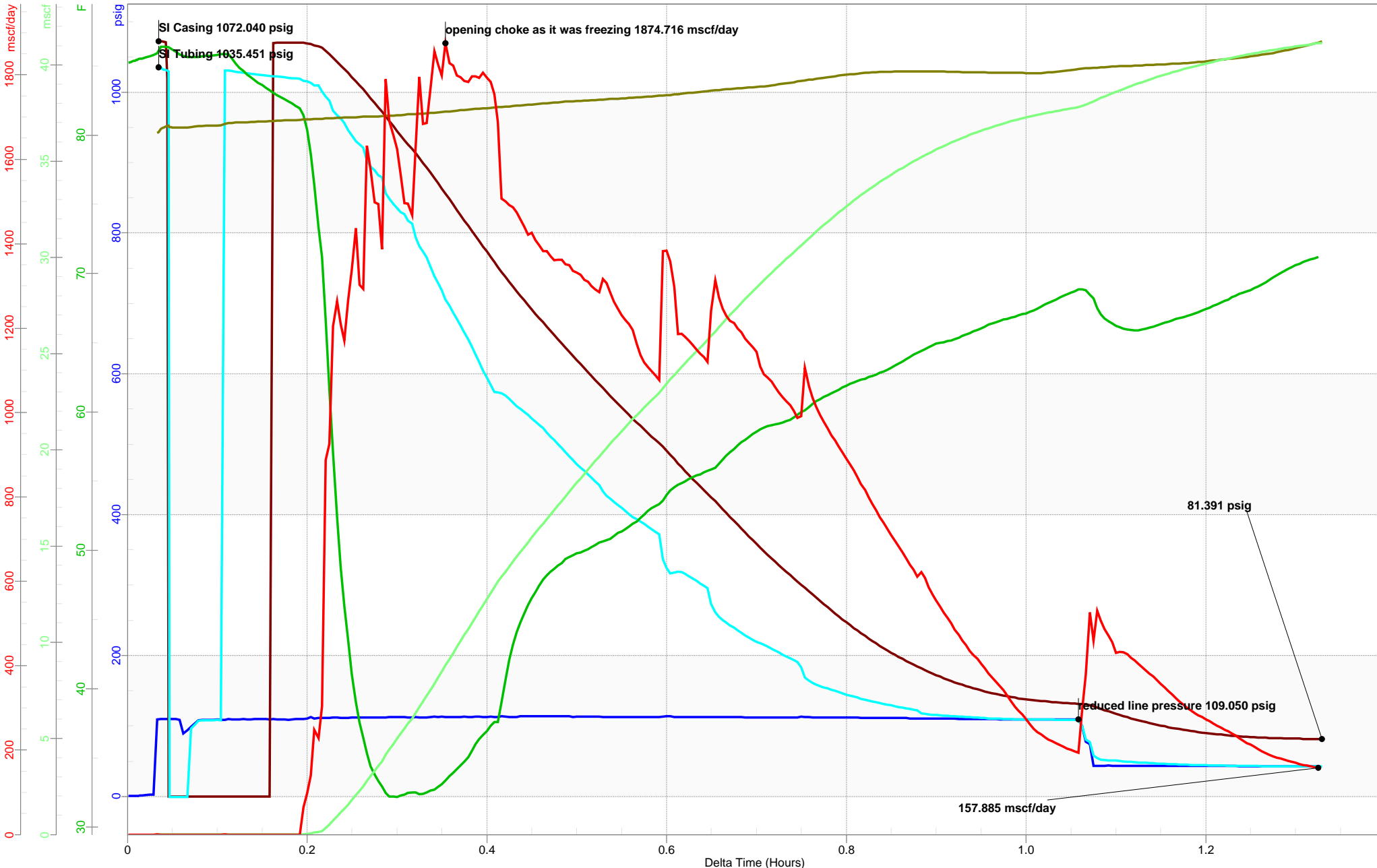
Oil Company: Shelby Resources  
Run Depth:

Well Location: 8/22/16 Pawnee  
Serial#: 6304



# Flow with casing and tubing

Company: Shelby Resources  
Location: Jessie 1-8 OWWO  
Test Description: Flow test  
Date: 8/19/2021  
Serial# 6304



6304 - STATIC (psig)      6265 - CASING (psig)      6265 - TUBING (psig)      6304 - METER (F)  
6265 - TUBING (F)      6304 - Air (mscf)      6304 - Air (mscf/day)