



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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- 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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

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



1114485

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

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

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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
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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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
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DRILL STEM TEST REPORT

Prepared For: **Laveta Oil & Gas**

312 N. Buffalo
Stafford KS .67578

ATTN: Bruce Reed

Paul Spangenberg #12

29-22s-11w Stafford,KS

Start Date: 2013.01.30 @ 07:22:18

End Date: 2013.01.30 @ 13:44:18

Job Ticket #: 50836 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.02.01 @ 14:52:33



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Laveta Oil & Gas

29-22s-11w Stafford,KS

312 N. Bufffalo
Stafford KS .67578

Paul Spangenberg #12

ATTN: Bruce Reed

Job Ticket: 50836

DST#: 1

Test Start: 2013.01.30 @ 07:22:18

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:48:18

Time Test Ended: 13:44:18

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 3528.00 ft (KB) To 3560.00 ft (KB) (TVD)

Reference Elevations: 1830.00 ft (KB)

Total Depth: 3560.00 ft (KB) (TVD)

1825.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8352 Inside

Press @ Run Depth: 150.96 psig @ 3529.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.30

End Date:

2013.01.30

Last Calib.:

2013.01.30

Start Time: 07:22:23

End Time:

13:44:17

Time On Btm:

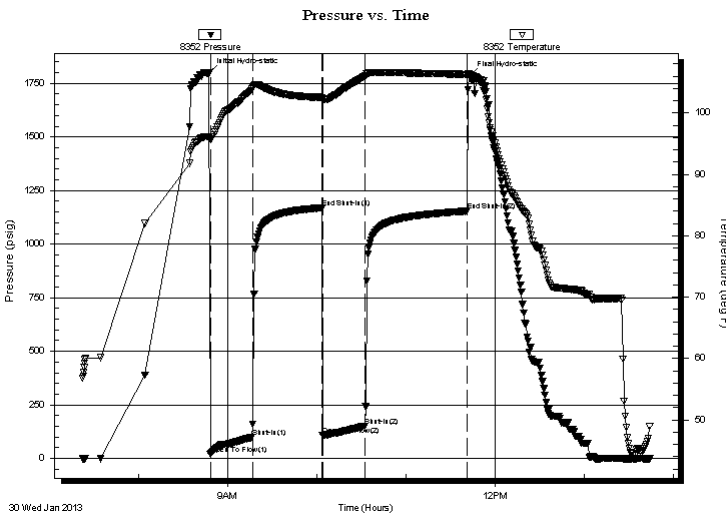
2013.01.30 @ 08:47:33

Time Off Btm:

2013.01.30 @ 11:42:48

TEST COMMENT: IF: Fair to strong blow . B.O.B. in 12 mins.
IS: Weak blow . 1/2 - 2".
FF: Fair to strong blow . B.O.B. in 16 mins.
FS: Weak blow . 1 - 3".

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1801.41	96.12	Initial Hydro-static
1	19.67	95.61	Open To Flow (1)
29	98.19	103.94	Shut-In(1)
76	1169.72	102.56	End Shut-In(1)
77	106.97	102.14	Open To Flow (2)
105	150.96	105.98	Shut-In(2)
174	1154.31	106.30	End Shut-In(2)
176	1784.86	106.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOCM 22%g 38%o 40%m	0.59
270.00	CGO 12%g 88%o	3.79
0.00	690 ft.of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Laveta Oil & Gas

29-22s-11w Stafford,KS

312 N. Bufffalo
Stafford KS .67578

Paul Spangenberg #12

Job Ticket: 50836

DST#: 1

ATTN: Bruce Reed

Test Start: 2013.01.30 @ 07:22:18

Tool Information

Drill Pipe:	Length: 3400.00 ft	Diameter: 3.80 inches	Volume: 47.69 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 48.28 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3528.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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C.O. Sub	1.00			3509.00	
Shut in tool	5.00			3514.00	
HMV	5.00			3519.00	
Packer	4.00			3523.00	20.00 Bottom Of Top Packer
Packer	5.00			3528.00	
Stubb	1.00			3529.00	
Recorder	0.00	8352	Inside	3529.00	
Recorder	0.00	8370	Outside	3529.00	
Perforations	26.00			3555.00	
Bullnose	5.00			3560.00	32.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Laveta Oil & Gas

29-22s-11w Stafford,KS

312 N. Buffalo
Stafford KS .67578

Paul Spangenberg #12

Job Ticket: 50836

DST#: 1

ATTN: Bruce Reed

Test Start: 2013.01.30 @ 07:22:18

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38.7 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

4300 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4300.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GOCM 22%g 38%O 40%m	0.590
270.00	CGO 12%g 88%o	3.787
0.00	690 ft.of GIP	0.000

Total Length: 390.00 ft

Total Volume: 4.377 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

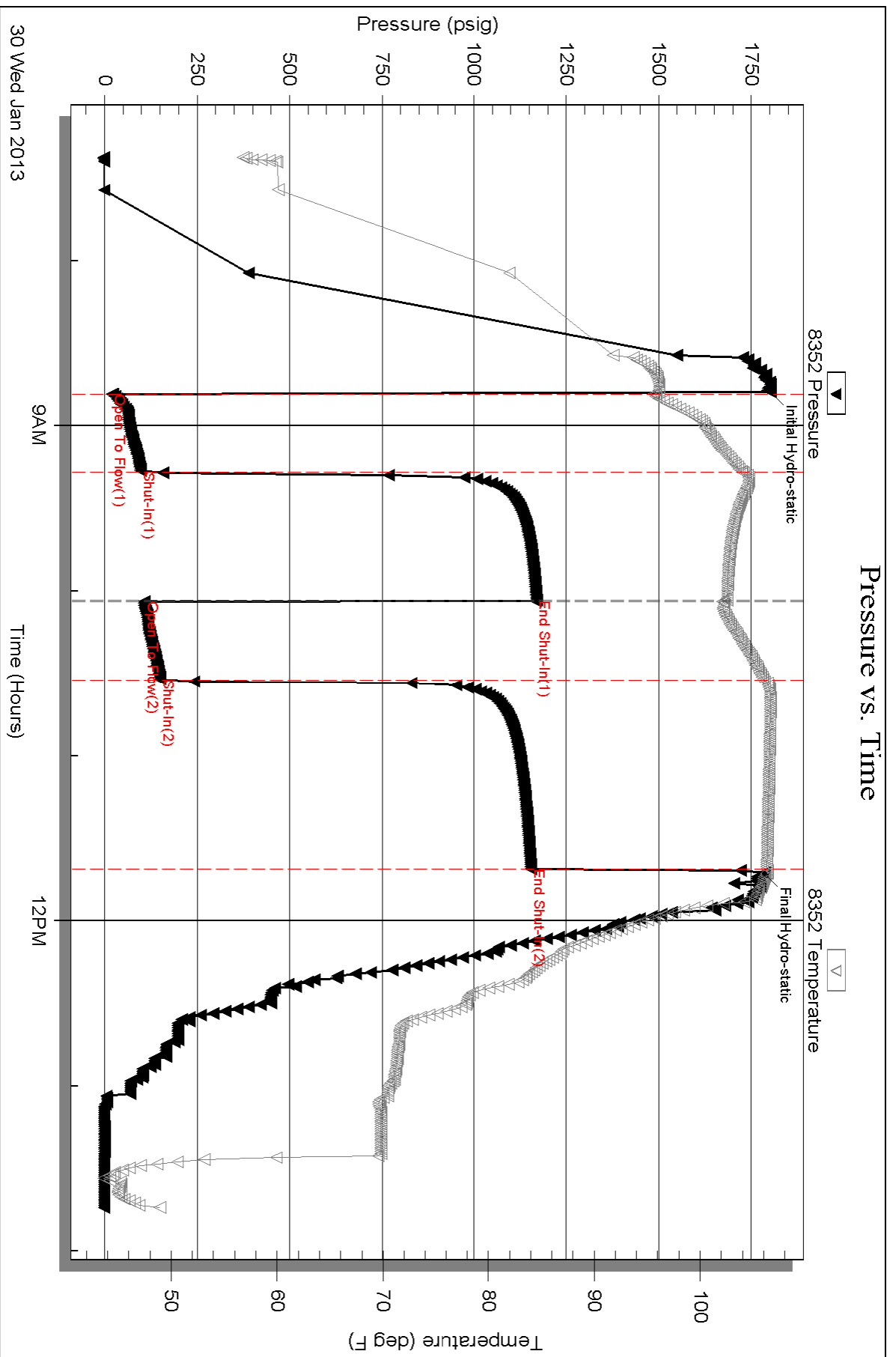
Serial #: 8352

Inside

Laveta Oil & Gas

Paul Spangenberg #12

DST Test Number: 1

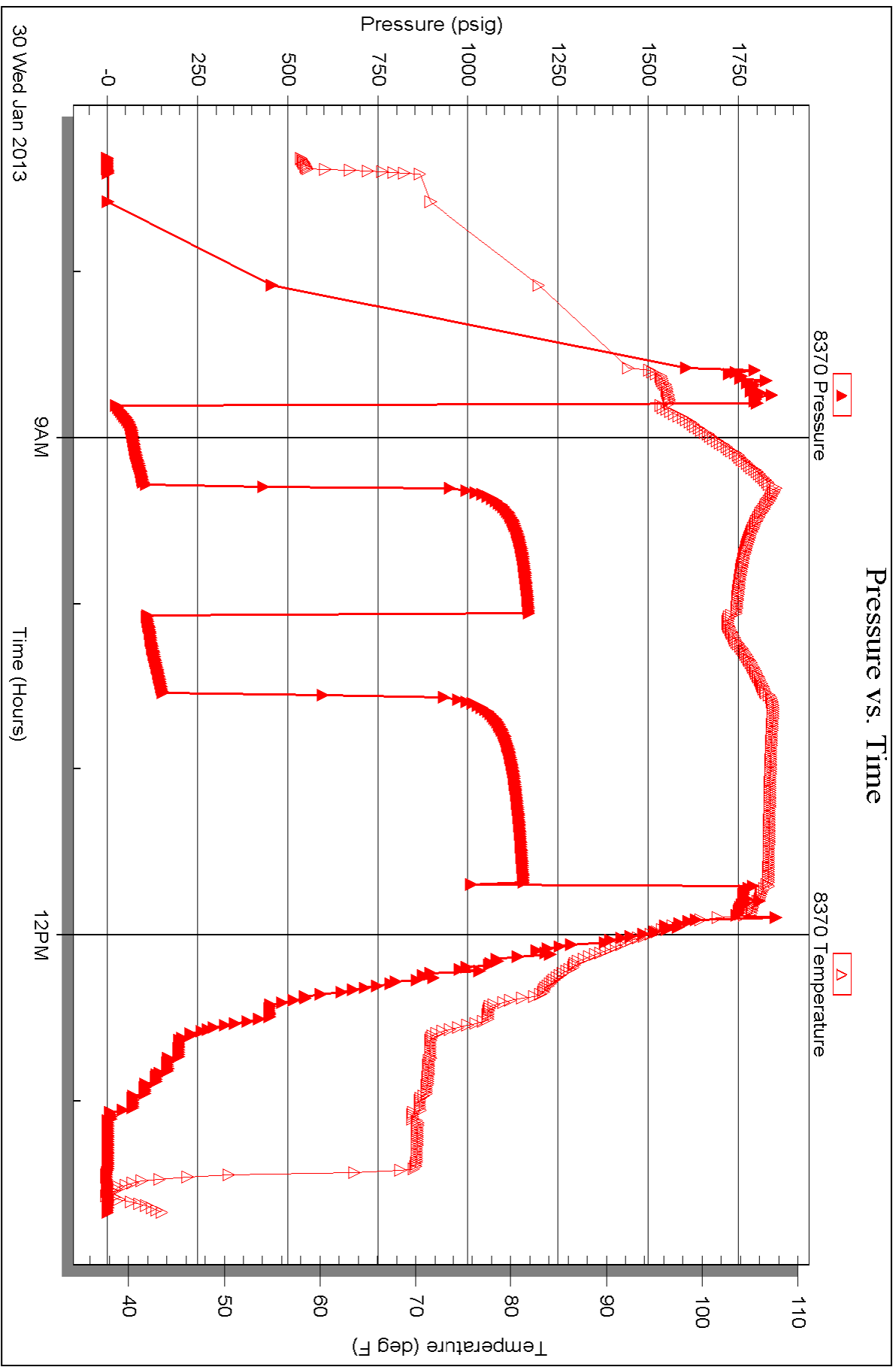


Serial #: 8370

Outside Laveta Oil & Gas

Paul Spangenberg #12

DST Test Number: 1



Customer Laveta Oil & Gas Lease No. _____ Date 1-31-13
 Lease Paul Spangenberg Well # 12
 Field Order # 17187811 Station Pratt Casing 5 1/2 14lb Depth 3,555 Ft County Stafford State KS
 Type Job CNW - 5 1/2 L.S. Formation _____ Legal Description 29-22-11

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <u>5 1/2</u>	Tubing Size	Shots/Ft	<u>150 SKS</u>	<u>AA2</u>	<u>1.36 yield</u>	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad		Max		5 Min.
Volume	Volume	From	To	Pad	<u>60/40 PZ RH</u>	Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	<u>86.5 Bbl. Fresh Water</u>	Gas Volume		Total Load

Customer Representative Bennie Griffen Station Manager Dave Scott Treater Clarence Messick
 Service Units 37,216 33708/20920 19831/19862
 Driver Names Messick Melson Pierson

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>7:00 pm</u>					<u>On Location Safety Meeting</u>
<u>10:30</u>					<u>Run 85 Jts 5 1/2 14lb Casing</u>
					<u>Centralizers on Jts 2-4-6</u>
					<u>S.J. 8Ft. Packer Shoe On Botto</u>
<u>12:00</u>					<u>Casing on Bottom Break Circ w/Ris</u>
<u>12:43</u>	<u>900</u>				<u>Set Packer Shoe w/ Truck #</u>
	<u>300</u>		<u>12</u>	<u>5</u>	<u>Mud Flush</u>
	<u>300</u>		<u>5</u>	<u>5</u>	<u>H2O Spacer</u>
	<u>250</u>		<u>36.3</u>	<u>5</u>	<u>Mix 150SKS AA2 @ 15.3#/gal</u>
					<u>Shut Down - Clear pump & Line</u>
					<u>Release Latch Down Plug</u>
<u>1:03</u>	<u>0</u>	<u>0</u>		<u>6</u>	<u>Start H2O Displacement</u>
	<u>300</u>		<u>65</u>	<u>5</u>	<u>Lift Pressure</u>
	<u>600</u>			<u>4</u>	<u>Slow Rate</u>
<u>1:15</u>	<u>1500</u>		<u>86.5</u>	<u>4</u>	<u>Plug Down - Held</u>
					<u>Plug RH w 30SKS 60/40 PZ</u>
					<u>Circulation Thru Job</u>
<u>2:15</u>					<u>Job Complete</u>
					<u>Thanks</u>
					<u>Clarence - Joe - Jesse</u>