



KANSAS CORPORATION COMMISSION 1118516
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- 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

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: _____



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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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ALLIED OIL & GAS SERVICES, LLC 056862

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell KS

DATE <u>2-9-13</u>	SEC. <u>32</u>	TWP. <u>14</u>	RANGE <u>13</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Resley</u>		WELL # <u>3-32</u>		LOCATION <u>Russell KS 55 1/2 W NE into</u>		COUNTY <u>Russell</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Royal Drilling #2
 TYPE OF JOB surface
 HOLE SIZE 12 1/4 T.D. 221
 CASING SIZE 8 5/8 20" DEPTH 221.39
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 15'
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 13 bbl

OWNER _____
 CEMENT AMOUNT ORDERED 160 com 3% cc 2% gel

COMMON	<u>160</u>	@	<u>17.90</u>	<u>2864.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>23.40</u>	<u>70.20</u>
CHLORIDE	<u>6</u>	@	<u>64.00</u>	<u>384.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>173.51</u>	@	<u>2.48</u>	<u>430.31</u>
MILEAGE	<u>79.10</u>	@	<u>2.60</u>	<u>205.66</u>
TOTAL				<u>3954.17</u>

EQUIPMENT

PUMP TRUCK CEMENTER Robert Glenn G
 # 417 HELPER Woody O
 BULK TRUCK
 # 378 DRIVER Joe G
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

ran 5jts of 8 5/8 20" csg receive
circulation mix 160 com 3% cc 2% gel
displace 13 bbl of fresh water shut in

cement did circulate to surface

SERVICE

DEPTH OF JOB	<u>221 ft</u>
PUMP TRUCK CHARGE	<u>1512.25</u>
EXTRA FOOTAGE	@ _____
MILEAGE	<u>10 HVMI</u> @ <u>7.70</u> <u>77.00</u>
MANIFOLD	<u>10 LVMI</u> @ <u>4.40</u> <u>44.00</u>
	@ _____
TOTAL <u>1633.25</u>	

CHARGE TO: Mar-Lou Oil
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____

To: Allied Oil & Gas Services, LLC.

ALLIED OIL & GAS SERVICES, LLC 056865

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell KS

DATE <u>2-9-13</u>	SEC. <u>32</u>	TWP. <u>14</u>	RANGE <u>13</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>12:35 P.M.</u>
LEASE <u>Resley</u>	WELL # <u>3-32</u>		LOCATION <u>Russell KS 55 1/2 W N06 into</u>			COUNTY <u>Russell</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Royal 2
 TYPE OF JOB Long string
 HOLE SIZE 7 7/8 T.D. 3100
 CASING SIZE 5 1/2 17" DEPTH 3103.47
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL A DEPTH 675
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 35.83
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 71 bbl

OWNER _____
 CEMENT
 AMOUNT ORDERED 210 com 10% salt
500 gal mud flush
 COMMON 210 @ 17.90 3759.00
 POZMIX @ _____
 GEL @ _____
 CHLORIDE @ _____
 ASC @ _____
salt 23 @ 26.35 606.05
mud flush 12 bbl @ 58.70 704.40
 HANDLING 226.20 @ 2.48 560.98
 MILEAGE 104.45 @ 2.60 271.57
 TOTAL 5902.00

EQUIPMENT

PUMP TRUCK CEMENTER Glenn G
 # 417 HELPER Woody O
 BULK TRUCK
 # 378 DRIVER Joe G
 BULK TRUCK
 # DRIVER

REMARKS:

ran 78' of 5 1/2 17" reg received
circulation mix mud flush 30 l/s in
Rat hole 15 k mouse and 165 com 10% salt
released plug displaced 71 bbl of water
land plug at

SERVICE

DEPTH OF JOB 3100
 PUMP TRUCK CHARGE 2558.75
 EXTRA FOOTAGE @ _____
 MILEAGE 10 HVMI @ 7.70 77.00
 MANIFOLD 10 LVMI @ 4.40 44.00
 TOTAL 2679.75

CHARGE TO: Mar-Lou O.I
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

float shoe @ 475.02 475.02
latch down plug @ 324.09 324.09
part collar @ 3042.00 3042.00
7 cent @ 57.?? 401 ??

To: Allied Oil & Gas Services, LLC.



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mar-Lou Oil Co LLC
 PO Box 218
 Wilson KS 67490-0218
 ATTN: Roger Fisher

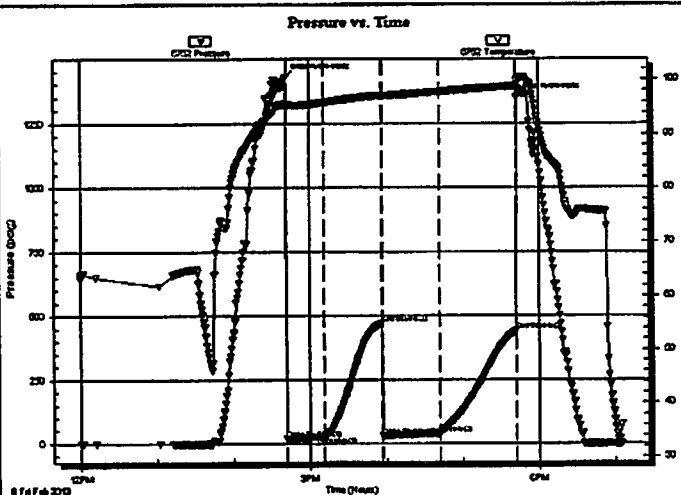
32 14s 13w Russell, KS
 Resley #3-32
 Job Ticket: 50319 DST#: 1
 Test Start: 2013.02.08 @ 12:00:00

GENERAL INFORMATION:

Formation: LKC " B-C "	Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock: ft (KB)	Tester: Jim Svaty
Time Tool Opened: 14:41:30	Unit No: 41
Time Test Ended: 19:05:00	Reference Elevations: 1709.00 ft (KB)
Interval: 2858.00 ft (KB) To 2900.00 ft (KB) (TVD)	1703.00 ft (CF)
Total Depth: 2900.00 ft (KB) (TVD)	KB to GR/CF: 6.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Fair

Serial #: 6752	Inside	Capacity: 8000.00 psig
Press@RunDepth: 38.36 psig @ 2864.00 ft (KB)		Last Calib.: 2013.02.08
Start Date: 2013.02.08	End Date: 2013.02.08	Time On Btm: 2013.02.08 @ 14:41:20
Start Time: 12:00:01	End Time: 19:05:00	Time Off Btm: 2013.02.08 @ 17:42:10

TEST COMMENT: 30-IFP- BOB in 5 min.
 45-ISIP- Surface Blow Building to 3" in 8 min. Died Back in 14 min.
 45-FFP- BOB in 15 sec.
 60-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1427.63	95.57	Initial Hydro-static
1	17.68	95.15	Open To Flow (1)
30	24.79	95.78	Shut-In(1)
75	470.28	97.05	End Shut-In(1)
76	29.59	96.98	Open To Flow (2)
121	38.36	97.75	Shut-In(2)
181	441.70	98.74	End Shut-In(2)
181	1348.63	98.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
64.00	GOCM 15%g 2%o 83%w	0.90
0.00	866 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mar-Lou Oil Co LLC
PO Box 218
Wilson KS 67490-0218
ATTN: Roger Fisher

32 14s 13w Russell, KS
Resley #3-32
Job Ticket: 50319 DST#: 1
Test Start: 2013.02.08 @ 12:00:00

GENERAL INFORMATION:

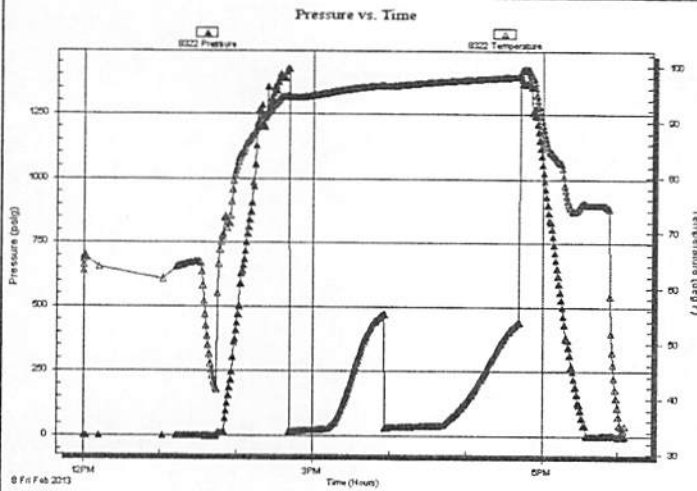
Formation: **LKC " B-C "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:41:30
Time Test Ended: 19:05:00
Interval: **2858.00 ft (KB) To 2900.00 ft (KB) (TVD)**
Total Depth: 2900.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Jim Svaty
Unit No: 41
Reference Elevations: 1709.00 ft (KB)
1703.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8322

Outside

Press@RunDepth: psig @ 2864.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.02.08 End Date: 2013.02.08 Last Calib.: 2013.02.08
Start Time: 12:00:01 End Time: 19:05:10 Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IFP- BOB in 5 min.
45-ISIP- Surface Blow Building to 3" in 8 min. Died Back in 14 min.
45-FFP- BOB in 15 sec.
60-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
64.00	GOCM 15%g 2%o 83%m	0.90
0.00	866 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mar-Lou Oil Co LLC
PO Box 218
Wilson KS 67490-0218
ATTN: Roger Fisher

32 14s 13w Russell, KS
Resley #3-32
Job Ticket: 50319 DST#: 1
Test Start: 2013.02.08 @ 12:00:00

Tool Information

Drill Pipe:	Length: 2849.00 ft	Diameter: 3.80 inches	Volume: 39.96 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 32000.00 lb
			Total Volume: 39.96 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	2858.00 ft			Final 30000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			2843.00	
Hydraulic tool	5.00			2848.00	
Packer	5.00			2853.00	20.00 Bottom Of Top Packer
Packer	5.00			2858.00	
Stubb	1.00			2859.00	
Perforations	5.00			2864.00	
Recorder	0.00	6752	Inside	2864.00	
Recorder	0.00	8322	Outside	2864.00	
Change Over Sub	1.00			2865.00	
Blank Spacing	31.00			2896.00	
Change Over Sub	1.00			2897.00	
Bullnose	3.00			2900.00	42.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mar-Lou Oil Co LLC
PO Box 218
Wilson KS 67490-0218
ATTN: Roger Fisher

32 14s 13w Russell,KS
Resley #3-32
Job Ticket: 50319 DST#: 1
Test Start: 2013.02.08 @ 12:00:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
64.00	GOCM 15%g 2%o 83%m	0.898
0.00	866 GIP	0.000

Total Length: 64.00 ft Total Volume: 0.898 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6752

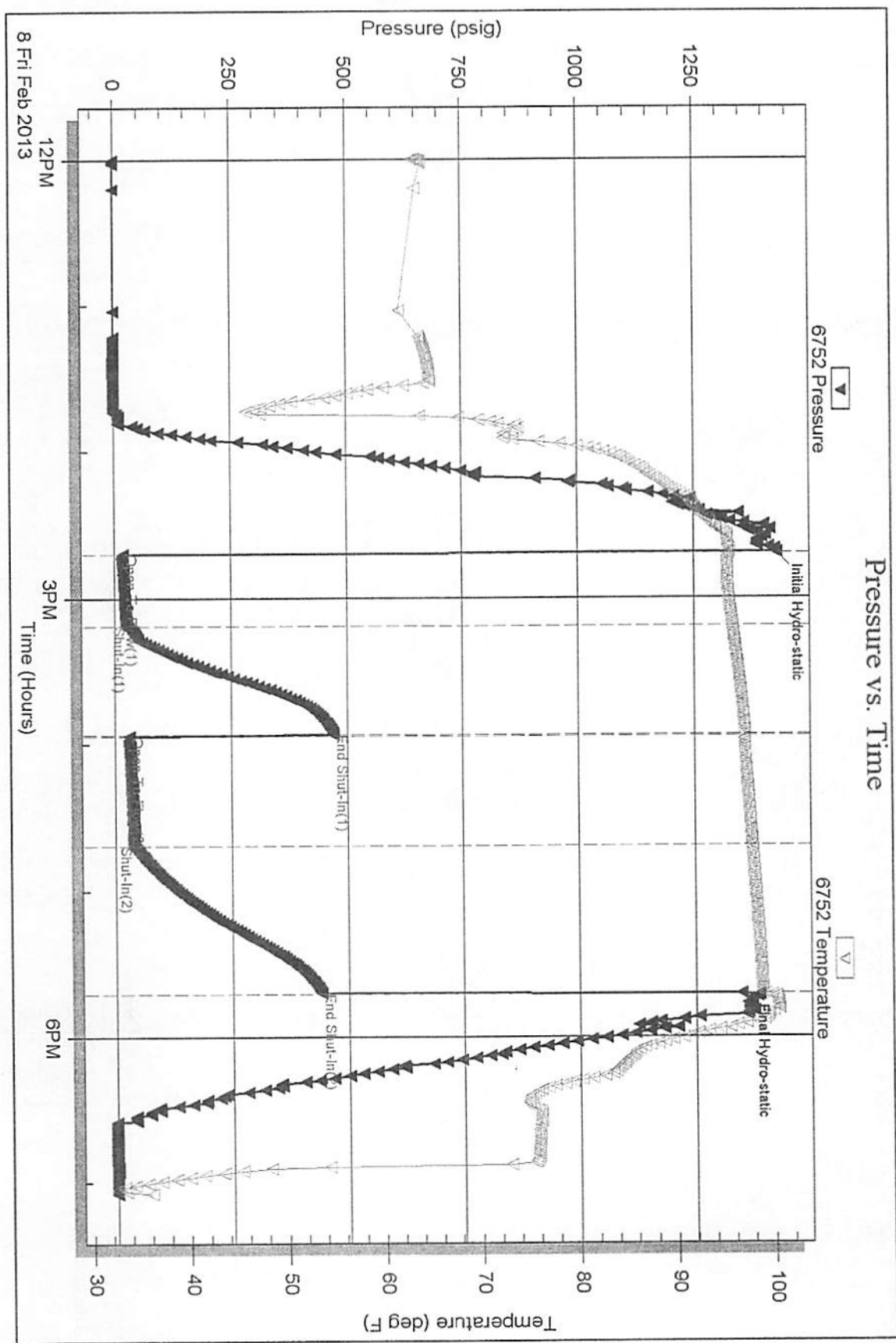
Inside

Mar-Lou Oil Co LLC

Resley #3-32

DST Test Number: 1

Pressure vs. Time



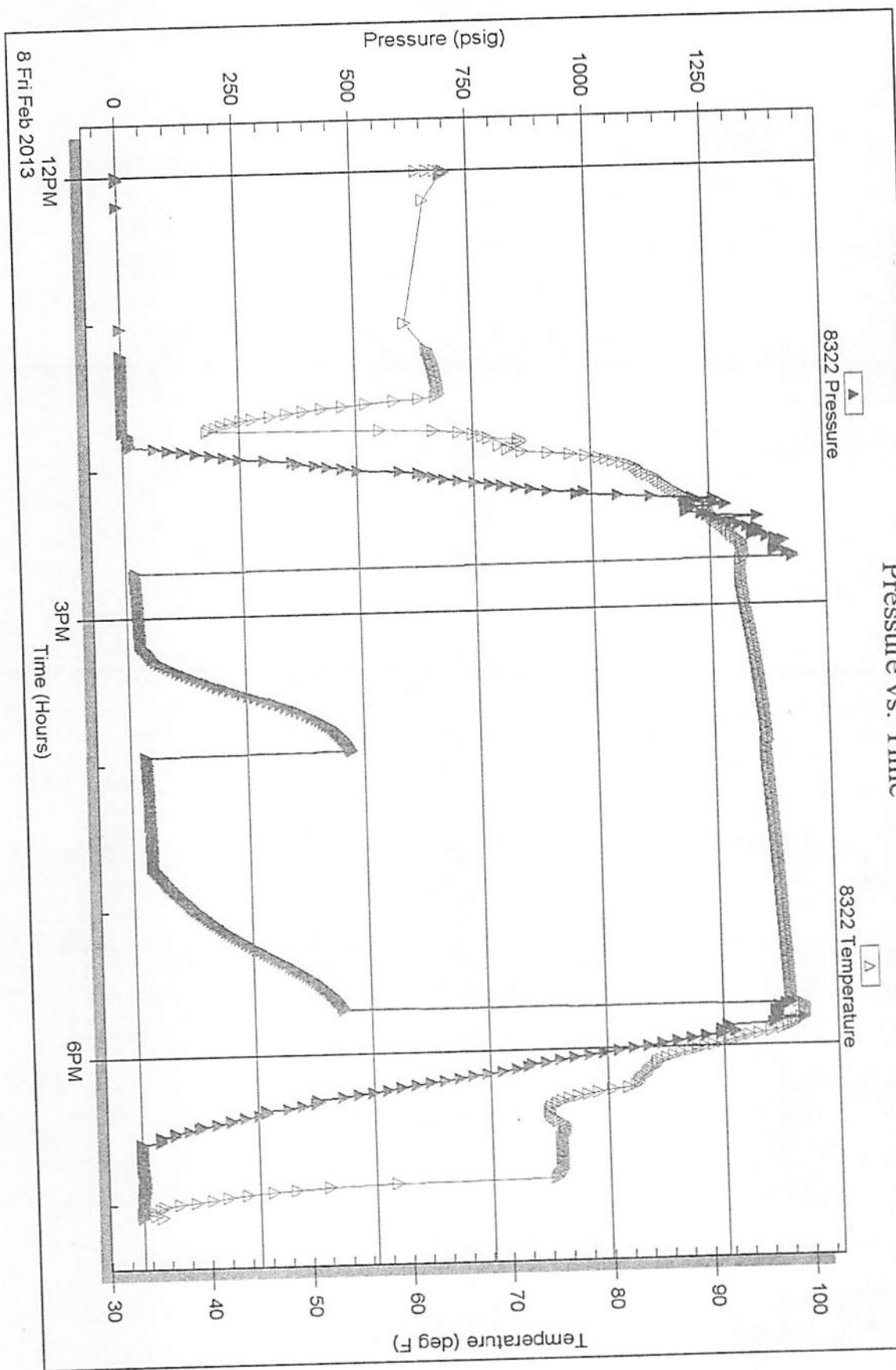
Serial #: 8322

Outside Mar-Lou Oil Co LLC

Resley #3-32

DST Test Number: 1

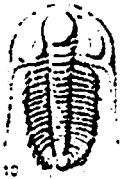
Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50319

Printed: 2013.02.12 @ 10:51:55



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50319

Well Name & No. Resley #3-32 Test No. 1 Date 2-7-13
 Company Mar-Low Oil Co. LLC Elevation 1709 KB 1703 GL
 Address P.O. Box 218 Wilson Ks. 67490-0218
 Co. Rep / Geo. Roger Fisher Rig Royal #2
 Location: Sec. 32 Twp. 14 S Rge. 13 W Co. Bussell State Ks

Interval Tested 2858-2900 Zone Tested LKC "B+C"
 Anchor Length 42' Drill Pipe Run 2849 Mud Wt. 9.0
 Top Packer Depth 2853 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 2858 Wt. Pipe Run 0 WL 7.8
 Total Depth 2900 Chlorides 4500 ppm System LCM N.I.

Blow Description IFF-BOB in 5min
ISIP-Surface Blow Building to 3in. in 8min. Dried Back in 14min.
FFP-BOB in 15sec.
FSIP-No Blow

Rec	Feet of	%gas	%oil	%water	%mud
64	2 OCM	15	2	83	
—	866 DIP				
—					
—					

Rec Total 64 BHT 99 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 1427 Test 1150 _____ T-On Location 22:13
 (B) First Initial Flow 17 Jars _____ T-Started 00:00
 (C) First Final Flow 24 Safety Joint _____ T-Open 02:42
 (D) Initial Shut-In 470 Circ Sub _____ T-Pulled 05:42
 (E) Second Initial Flow 29 Hourly Standby _____ T-Out 07:05
 (F) Second Final Flow 38 Mileage 68 RT 105.40 _____ Comments _____
 (G) Final Shut-In 441 Sampler _____
 (H) Final Hydrostatic 1348 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 45 Day Standby _____ Total 1255.40
 Final Flow 45 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 60 Sub Total 1255.40

Approved By _____ Our Representative [Signature]
 TriLOBITE Testing Inc. shall not be liable for damaged or any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.