

1265789



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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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)*

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)</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:
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DRILL STEM TEST REPORT

Prepared For: **Funk Petroleum LLC**

2110 N 1184 th Rd
Eudora, KS 66025

ATTN: Tom Funk

LNK Farms #1-3

3-12s-32w Logan,KS

Start Date: 2015.09.22 @ 20:38:57

End Date: 2015.09.23 @ 04:27:57

Job Ticket #: 61750 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.09.24 @ 08:58:11



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Funk Petroleum LLC

3-12s-32w Logan, KS

2110 N 1184 th Rd
Eudora, KS 66025

LNK Farms #1-3

Job Ticket: 61750

DST#: 1

ATTN: Tom Funk

Test Start: 2015.09.22 @ 20:38:57

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:17:57

Time Test Ended: 04:27:57

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: 4596.00 ft (KB) To 4640.00 ft (KB) (TVD)

Reference Elevations: 3035.00 ft (KB)

Total Depth: 4640.00 ft (KB) (TVD)

3028.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8166 Outside

Press@RunDepth: 79.18 psig @ 4597.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.09.22

End Date:

2015.09.23

Last Calib.: 2015.09.23

Start Time: 20:39:02

End Time:

04:27:56

Time On Btm: 2015.09.22 @ 22:17:27

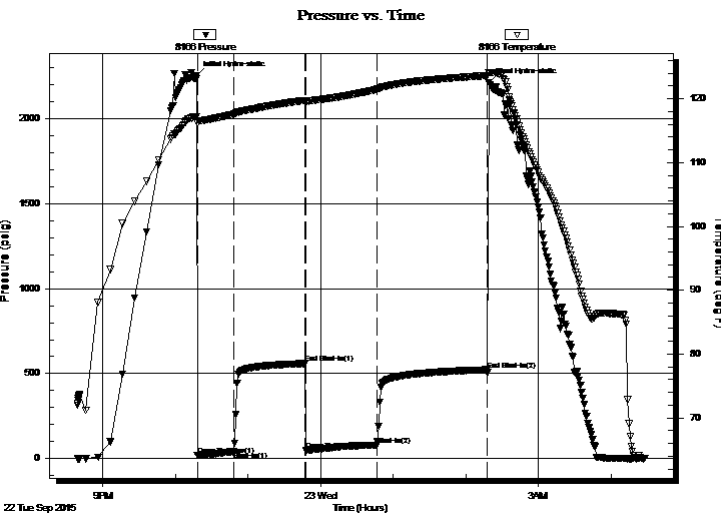
Time Off Btm: 2015.09.23 @ 02:18:57

TEST COMMENT: IF: 1/4" blow built to 1 1/2".

IS: No return.

FF: Surface blow built to 1 1/2"

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2255.65	117.21	Initial Hydro-static
1	17.29	116.20	Open To Flow (1)
31	40.01	117.60	Shut-In(1)
90	559.02	119.76	End Shut-In(1)
91	47.07	119.62	Open To Flow (2)
149	79.18	121.50	Shut-In(2)
240	522.40	123.64	End Shut-In(2)
242	2214.88	124.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
144.00	mud oil spots 100%m	0.89

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Funk Petroleum LLC

3-12s-32w Logan,KS

2110 N 1184 th Rd
Eudora, KS 66025

LNK Farms #1-3

Job Ticket: 61750

DST#: 1

ATTN: Tom Funk

Test Start: 2015.09.22 @ 20:38:57

Tool Information

Drill Pipe:	Length: 4484.00 ft	Diameter: 3.80 inches	Volume: 62.90 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 63.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4596.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	64.00 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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Stubb	1.00			4577.00	
Shut In Tool	5.00			4582.00	
Hydraulic tool	5.00			4587.00	
Packer	5.00			4592.00	20.00 Bottom Of Top Packer
Packer	4.00			4596.00	
Stubb	1.00			4597.00	
Recorder	0.00	8373	Inside	4597.00	
Recorder	0.00	8166	Outside	4597.00	
Perforations	5.00			4602.00	
Change Over Sub	1.00			4603.00	
Drill Pipe	31.00			4634.00	
Change Over Sub	1.00			4635.00	
Bullnose	5.00			4640.00	44.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Funk Petroleum LLC

3-12s-32w Logan, KS

2110 N 1184 th Rd
Eudora, KS 66025

LNK Farms #1-3

Job Ticket: 61750

DST#: 1

ATTN: Tom Funk

Test Start: 2015.09.22 @ 20:38:57

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
144.00	mud oil spots 100%m	0.890

Total Length: 144.00 ft Total Volume: 0.890 bbl

Num Fluid Samples: 0

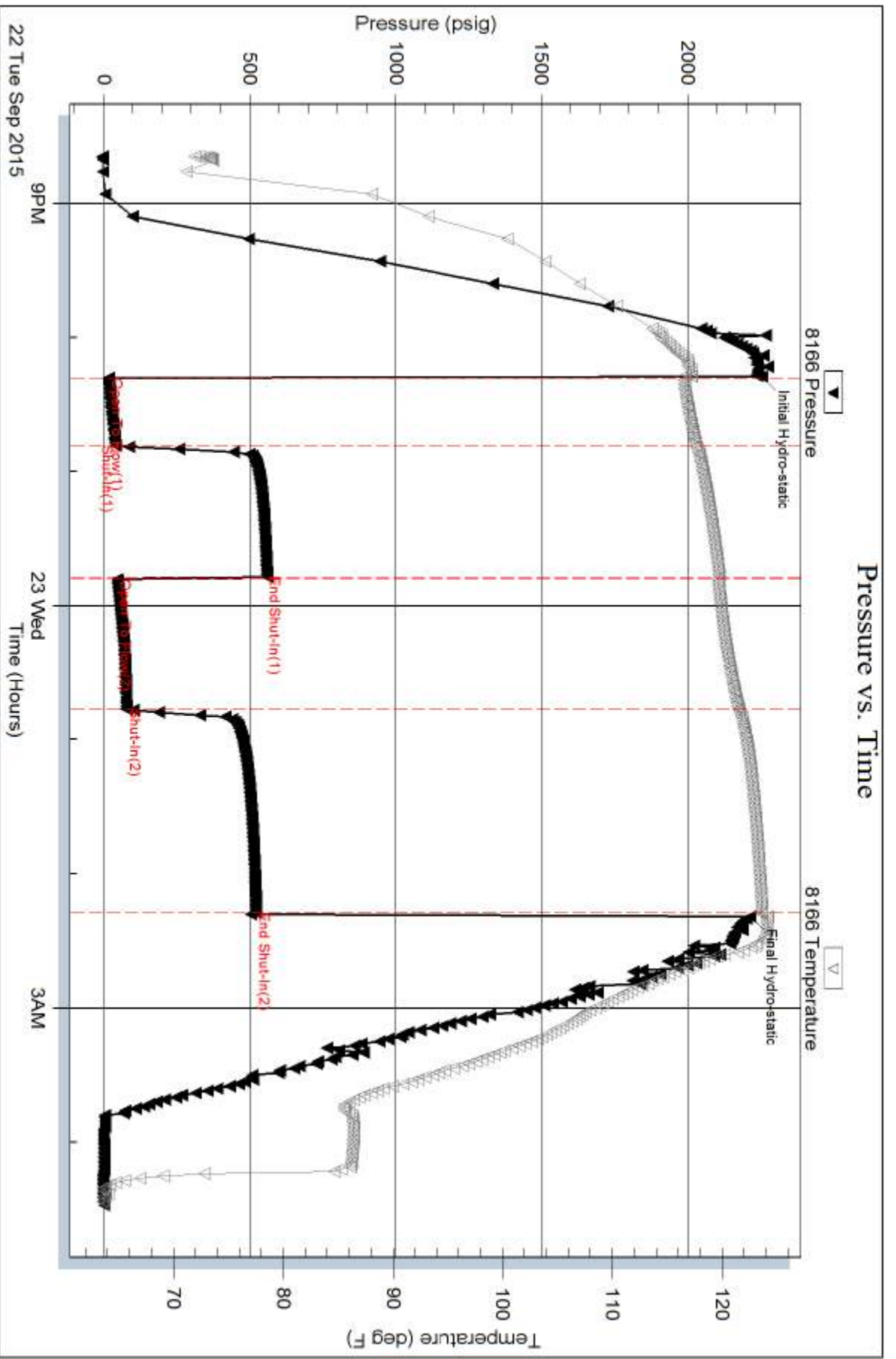
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



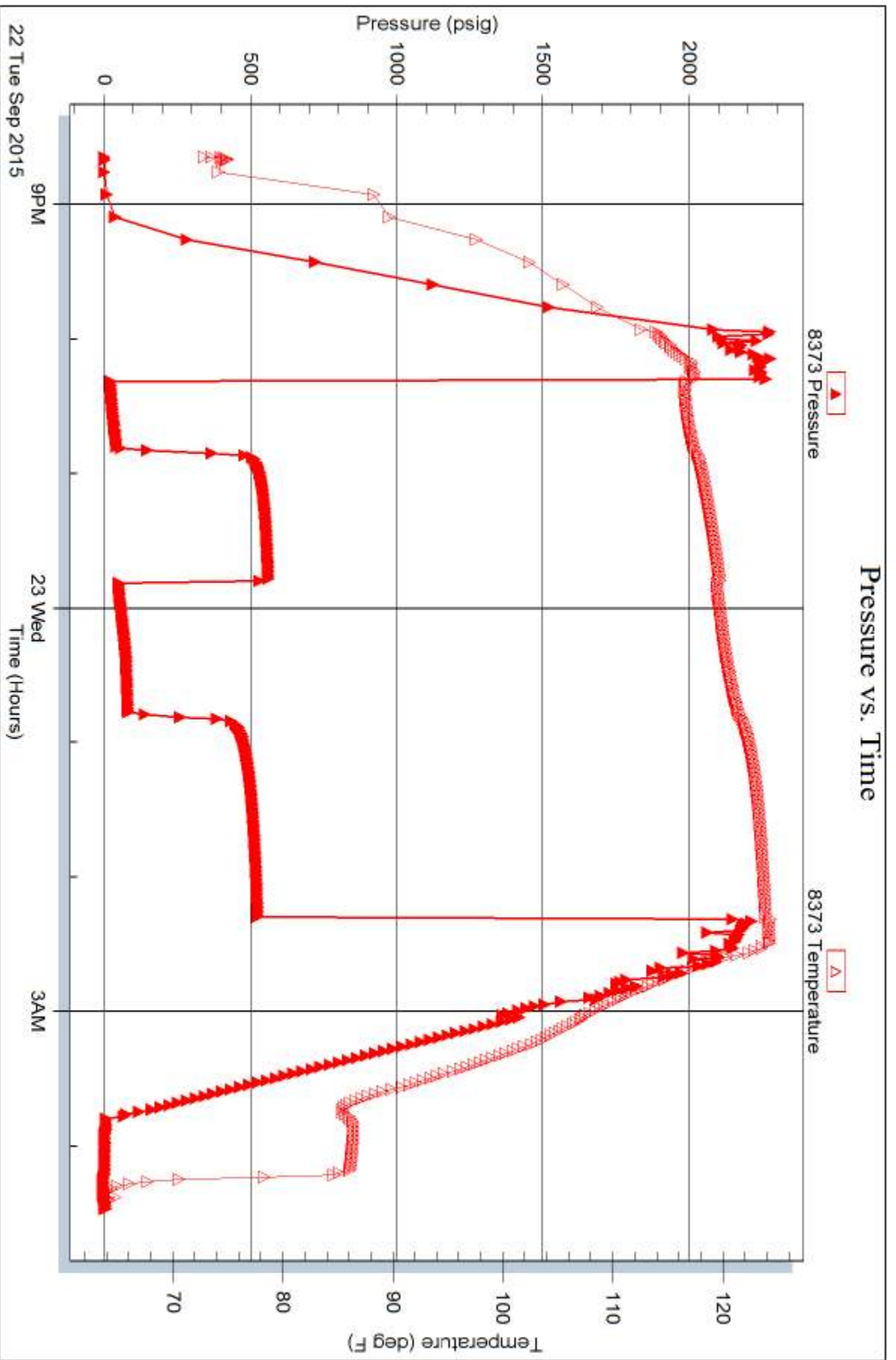
Serial #: 8373

Inside

Funk Petroleum LLC

LNK Farms #1-3

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 61750

Printed: 2015.09.24 @ 08:58:13

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. 1500

Date	9-24-15	Sec.	3	Twp.	12	Range	32	County	Logan	State	KS	On Location		Finish	8:15am
Lease								Well No.		Owner					
LNUK Farms								1-3		To Quality Oilwell Cementing, Inc.					
Contractor										You are hereby requested to rent cementing equipment and furnish					
H.D. Drilling #3										cement and helper to assist owner or contractor to do work as listed.					
Type Job										Charge To					
Rotary Plug										Funk Petroleum					
Hole Size								T.D.		Street					
7 7/8										City					
Csg.								Depth		State					
Tbg. Size								Depth		The above was done to satisfaction and supervision of owner agent or contractor.					
Tool								Depth		Cement Amount Ordered					
Cement Left in Csg.								Shoe Joint		240 4/1/14/15					
Meas Line								Displace		EQUIPMENT					
										Common					
Pumptrk								No.		Cementer					
5										Helper					
Bulktrk								No.		Driver					
										Gel.					
Bulktrk								No.		Driver					
2										Calcium					
										Hulls					
JOB SERVICES & REMARKS										Salt					
Remarks:										Flowseal					
Rat Hole										Kol-Seal					
305K										Mud CLR 48					
Mouse Hole										CFL-117 or CD110 CAF 38					
Centralizers										Sand					
Baskets										Handling					
D/V or Port Collar										Mileage					
1st 2590 505K										FLOAT EQUIPMENT					
2nd 1575 1005K										Guide Shoe					
3rd 350 505K										Centralizer					
4th 40 105K										Baskets					
										AFU Inserts					
										Float Shoe					
										Latch Down					
										Pumptrk Charge					
										Mileage					
										Tax					
										Discount					
										Total Charge					
X Signature															

