



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: \_\_\_\_\_



1052277

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> <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	Downing-Nelson Oil Co Inc
Well Name	LTD 3-3
Doc ID	1052277

Tops

Name	Top	Datum
Top Anhydrite	1658	+635
Base Anhydrite	1705	+588
Topeka	3363	-1070
Heebner	3600	-1307
Toronto	3618	-1325
LKC	3637	-1344
BKC	3886	-1593
Marmaton	3964	-1671
Cherokee Shale	4007	-1714
Arbuckel	4028	-1735



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

DNOC  
 PO Box 372  
 Hays, Ks  
 67601  
 ATTN: Al Downing

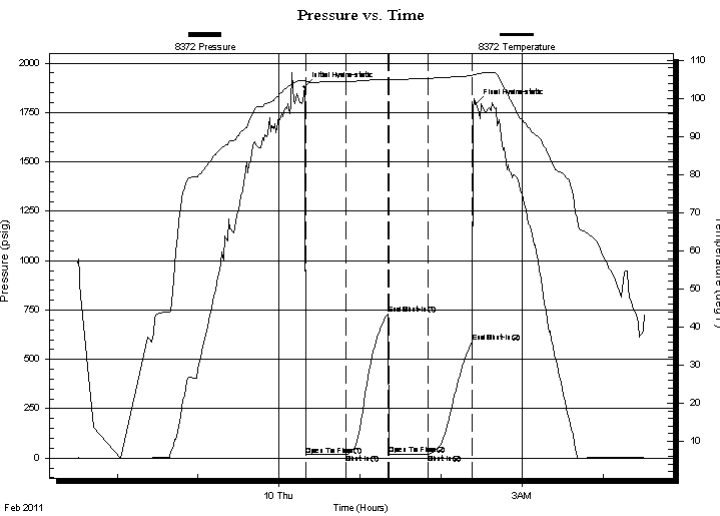
**LTD 3-3**  
**3-14-21/Trego**  
 Job Ticket: 41779 **DST#: 1**  
 Test Start: 2011.02.09 @ 21:30:41

## GENERAL INFORMATION:

Formation: **LKC "E"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 00:19:41  
 Time Test Ended: 04:31:11  
**Interval: 3696.00 ft (KB) To 3714.00 ft (KB) (TVD)**  
 Total Depth: 4117.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition:  
 Test Type: Conventional Straddle  
 Tester: Brian Fairbank  
 Unit No: 41  
 Reference Elevations: 2293.00 ft (KB)  
 2285.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 8372** **Inside**  
 Press @ Run Depth: 20.81 psig @ 3699.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.02.09 End Date: 2011.02.10 Last Calib.: 2011.02.10  
 Start Time: 21:30:42 End Time: 04:31:11 Time On Btm: 2011.02.10 @ 00:18:41  
 Time Off Btm: 2011.02.10 @ 02:25:41

**TEST COMMENT:** IFP - 3/4" blow - died 14 min  
 ISI - no blow back  
 FFP - no blow  
 FSI - no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1879.17	104.79	Initial Hydro-static
1	15.36	104.32	Open To Flow (1)
31	18.56	104.45	Shut-In(1)
62	729.86	105.11	End Shut-In(1)
63	18.54	104.90	Open To Flow (2)
92	20.81	105.29	Shut-In(2)
124	589.52	105.95	End Shut-In(2)
127	1794.10	106.41	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100%	0.05

## Gas Rates

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



**TRILOBITE**  
TESTING, INC

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

DNOC

**LTD 3-3**

PO Box 372  
Hays, Ks  
67601

**3-14-21/Trego**

Job Ticket: 41779

**DST#: 1**

ATTN: Al Downing

Test Start: 2011.02.09 @ 21:30:41

**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:

bbbl

Water Loss: 9.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



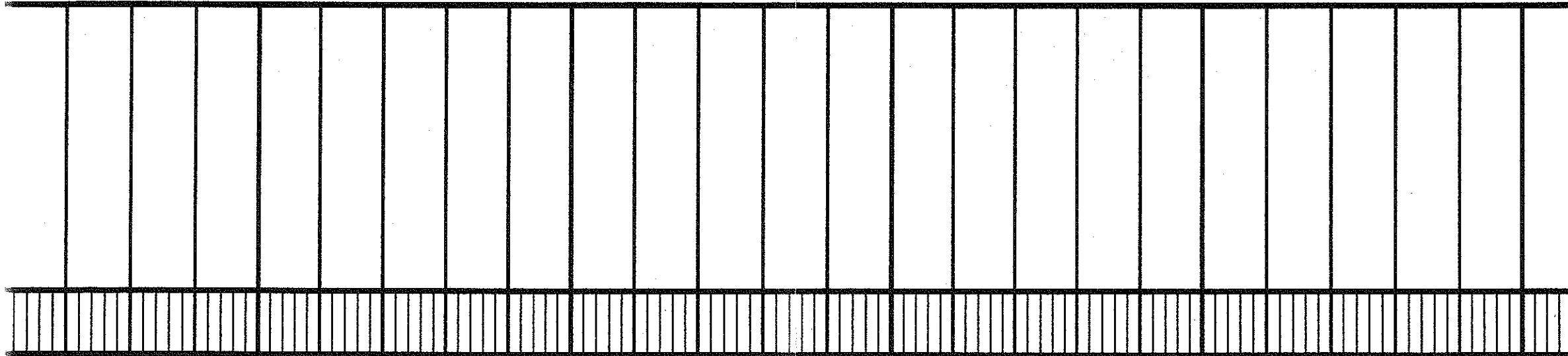












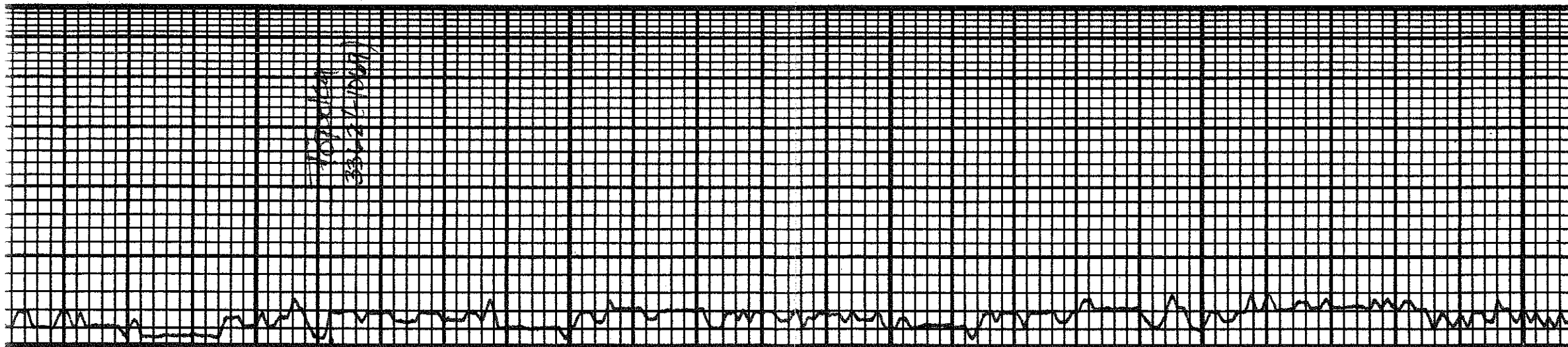
50

3400

50

3500

50



3600

115-50000  
35227-36

sn: Black - carb  
Ls: wht v. fin, v. dse

10000  
36177 (15324)

Sh: gm - Brown, trace  
Ls: Cmn fin - subxn  
chky in pt Ns, scatt.  
v. slt. interst. d

10000  
36367 (15325)

sn: Brown v. lite gm

50

Ls: wht fin od Ns.  
Ls: Cmn. Tan fin w/ scatt  
mineral str. (Bn) Ns w  
few pds wnt & chert

sh: v. dark gm  
Ls: wht. Nr fin dolo. w/ show  
Hvy tany oil - No odor some  
v. Bl in 1/2 inch of oil v.  
streak - v. Black.

vis 52  
wt 9.0  
wl 9.2

DST #1

3700

sh: gm  
Ls: Cmn fin w/ scatt base of v.  
spt. str Ns FD - No odor.

DST #1  
3696-3714  
straddle test  
30-30-30-30-30.  
Zac: 10' mud

sh: v. dark gm - Black  
Ls: wht fin ool - w/ fr. ool - d  
v. spt str Ns FD - chalky to  
subxn - No odor

FHP: 1879 #  
FHP: 15-18 #  
FHP: 18-20 #  
SIP: 729-589 #  
FHP: 1794 #  
Temp: 106° F

Ls: Tan fin dolo. w/ good  
interst. d Ns - No odor  
Ls: Tan off wht fin w/ scatt  
foss & Lt. spt. str Ns FD  
No odor.

50

Ls: wht Bone w/ wht f. - v. fin  
w/ few pds wht & chert  
and scatt gm silty sh.

sh: Black - carb

sh: gm - Brown

Ls: Tan fin - subxn w/ xlb  
& Ns all fine w/ cm d

3800

Ls: wht f. - v. fin w/ fine pp &  
inter ool. Lt. spt str v. fin  
spt in v. fine 12xs - No odor  
M. mostly, fr. 1-2 pds

50

3900

50

4000

50

Sh: gm-	Ls: wnt fin ool w/scatt edific d Lt. spt str N50 No odor - some silt chky
Sh: v. dark gm - Black carb	
Ls: Tan - off wht fin w/scatt inter d N5 totally barren chky to subm	
Sh: v. dark gm	Ls: wnt f. subm chky in part No show -
Sh: gm - Red - Brown w silty wnt Ls. Lenses	Ls: Tan, silty - some v DSE
Sh: Red - Brown - gm	
Ls: Tan fin clse	
Sh: Brown - dricatic	
Ls: Tan fin w few p's orange & chert	
Sh: Red - Brown	
Ls: Tan f. v. fin w few p's Tan silt	
Sh: gm	
Ls: Mchert Tan - orange - Red w/scatt edge str N50 No od some stringers d'baritic Tan silt & Ls. w. v. little silt No odor - 0996 Barren	
Sh: Black - carb	
actant Tan - yellow, some Red w No show wash Red w shales (org)	
No v's sand	
Dolo: wnt Lt. Tan f. mxn Rhom w tite interbed w Lt. SFB - v. faint odor	
Dolo: tan - tan fin w good Mixing Lt. SFB str No odor ss: fine, dr clst. v. glauc. No show all barren	
Sh: Reddish - Brown	

