



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	C & W Oil, LLC
Well Name	LeSage 2
Doc ID	1161087

All Electric Logs Run

Dual Induction Log
Compensated Density Neutron Log
Dual Receiver Cement Bond Log
Gamma Ray Neutron CCL Log
Microresistivity Log

Form	ACO1 - Well Completion
Operator	C & W Oil, LLC
Well Name	LeSage 2
Doc ID	1161087

Tops

Name	Top	Datum
Anhydrite	1676	+432
Base of Anhydrite	1711	+397
Topeka	3070	-962
Heebner Shale	3278	-1170
Toronto	3300	-1192
Lansing	3317	-1209
Base of Kansas City	3510	-1402
Marmaton	3540	-1432
Arbuckle	3550	-1442
RTD	3630	

Form	ACO1 - Well Completion
Operator	C & W Oil, LLC
Well Name	LeSage 2
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Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
2	3305-3305	250 gal 15% MCA	3560-3570
2	3318-3321	250 gal 15% MCA	3540-3543
2	3497-3500	250 gal 15% MCA	3497-3500
2	3540-3543	250 gal 15 MCA	3318-3321
2	3560-3570	250 gal 15% MCA	3302-3305
		250 gal 15% MCA/500 gal 15% INS	3360-3370, 3540-3543
		1650 gal 15% NE	3497-3500
		100 gal 15% NE/650 gal 15% NE	3318-3321, 3302-3305

Randall Kilian Corporation

Geologist



**Certified Petroleum
Geologist #3351
License #224**

P.O. Box 26
Hays, Kansas 67601-0026
Phone: 785-628-6061
Cell: 785-635-1349

GEOLOGIST'S WELL REPORT

COMPANY C&W OIL, LLC (34921)

WELL LeSage #2

FIELD LeSage

LOCATION (legal) Ap. NW SE SE NE
(2035' FNL & 535' FEL)

Section 18 TWP 7S RGE 20W

(Map) 8 mi N. of Damar, Ks

COUNTY Rooks STATE Kansas

ELEVATION: 2108' K.B., 2103' G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-163-24130

GEOLOGY BY Randall Kilian

PERTINENT WELL DATA

CONTRACTOR Murfin Drilling Co., Inc. (30606)

RIG #16 HYDRAULICS D-375 6x14x60
(Andy Dinkel TP)

DRILL PIPE 4 1/2" X COLLARS 6 1/2" 17 (505')

CASING: SURFACE 8 5/8" @ 220' w/ 150 sx Common

PRODUCTION 5 1/2" @ 3626' w/ 150 sx Common
DV @ 2100' cemented to surface

DRILLING FLUID: COMPANY Morgan Mud, Inc.
(Cade Lines)

TYPE: Chemical

REMARKS: Full service

DRILL STEM TESTS: COMPANY TRILOBITE TESTING INC.
(Brett Dickinson)

NUMBER OF TESTS Two (2)

ELECTIC LOGS: COMPANY Gemini Wireline, LLC

DETAIL (5") 3000' - RTD

TYPE DI, Comp N-D, Micro

DRILLING TIME FROM 3050' TO RTD

SAMPLE TIME FROM 3050' TO RTD

SUPERVISION FROM 3050' TO RTD

VERTICAL DEVIATION 1/4° @ 222', 3/4° @ 2351',
1/2° @ 3340', 1/2° @ 3630'

PLUGGING REPORT 30 sx Rat

RESERVE PIT Hauled off fluid, Chl. 800

DRILL STEM TESTS

NO	INTERVAL	IFF/TIME	ISIF/TIME	FFP/TIME	FSIF/TIME	IHP/FHP	RECOVERY
1	Tor-A 3278- 3340'	26# 42# 5"	579# 60"	48# 102# 60"	564# 90"	1627# 1592#	30' G, Oil 28° 155' O, C, W, Mud 5' Wtr
2	LKe C-G 3340- 3430'	89# 158# 5"	523# 60"	179# 373# 20"	511# 75"	1651# 1609#	750' M, Wtr w/ s.o.
3							
4							
5							
6							
7							
8							

MUD RECORD						
CHK	DEPTH	WT	VIS	FIL	CHL	YP
1	2819'					
2	3220'	9.0	55			
3	3332'	9.0	56	7.6	1.3k	18
4	3395'	9.1	56			
5	3430'	9.2	48	8.0	1.4k	14
6	3550'	9.2	64			
7						
8						
9						
10						
11						

Displaced

\$5872.
LCM 2#

BIT RECORD						
NO	SIZE	MAKE	TYPE	DEPTH	FEET	HOURS
1	12 1/4"	Veral	CH1GMS	222'	222'	2
2	7 7/8"	HICo.	GX20C	3630'	3408'	84 3/4
3						
4						
5						
6						
7						

SUMMARY

The LeSage #2 well was drilled with Murfin Drilling tools rig #16 beginning July 25, 2013 and drilling was completed July 31, 2013.

The drill site was located via a 3-D seismic survey.

The well ran high structurally to all nearby wells. DST #1 was a positive test. DST #2 over the LKc C-G zones, which produced much oil in a nearby offset well, was a negative 750' M.Wtr test.

Based upon DST #1 and the high structural position, 5 $\frac{1}{2}$ " casing was set and cemented to further test and produce the well.

Recommended perfs: Arb. 3550-70', Marm. 3540-44',
LKc K 3496-99', A 3317-21', Toronto 3300-03'.

Before abandoning: LKc I 3462-66',
C 3354-58'.

Respectfully,



Randall Kilian

gradual cessation
8:00am 7-28-13

Mud
Vis. - 55
wt. - 9.0

LS - tan - gray - fm. th. fossil.
sl. chert

sl. siltst - gray - brn.

LS - tan - brn - gray - fm. xln.
fossil

sh. dark gray - blk

LS - tan - light gray - v. fm. xln.
fossil

sh. blk - fossil

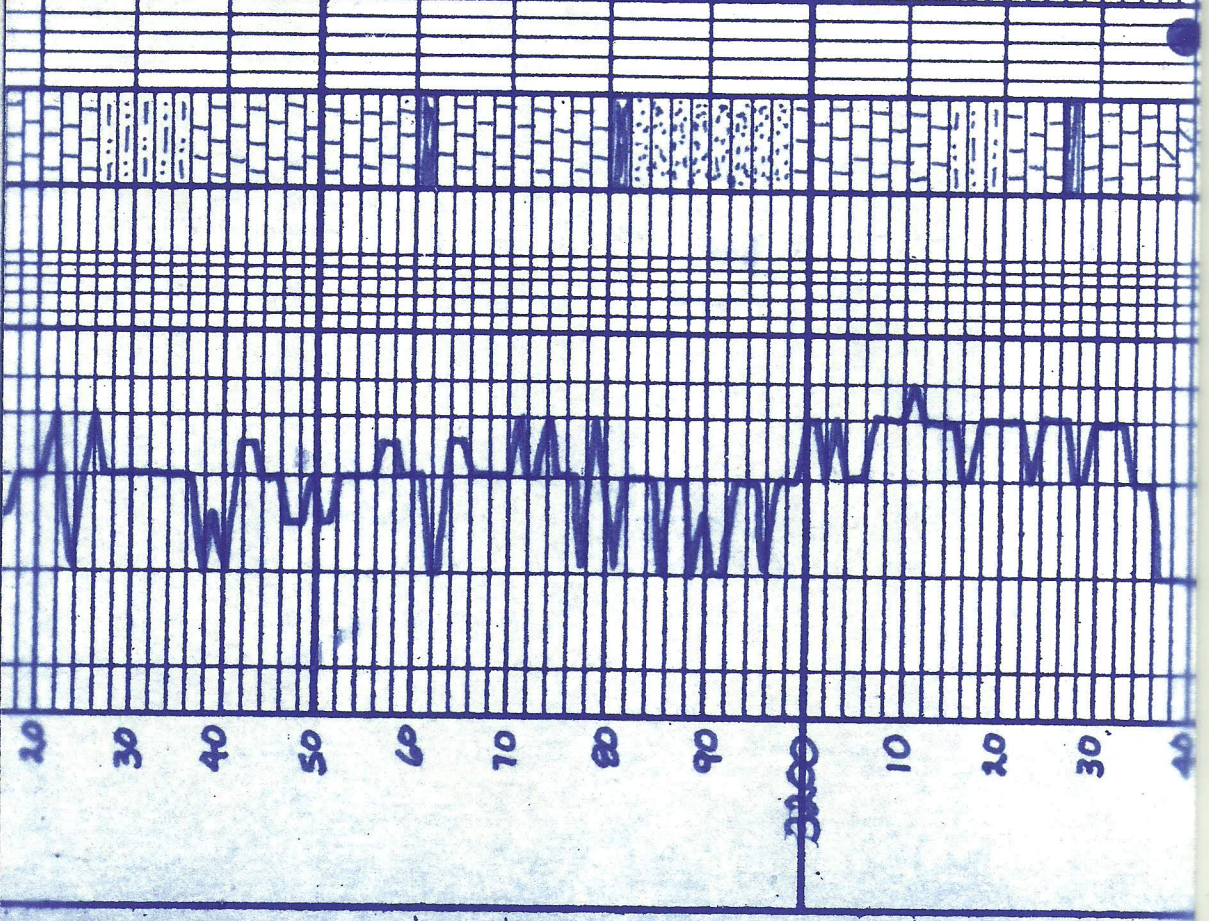
siltst - ss - gray - fm. gray
silty

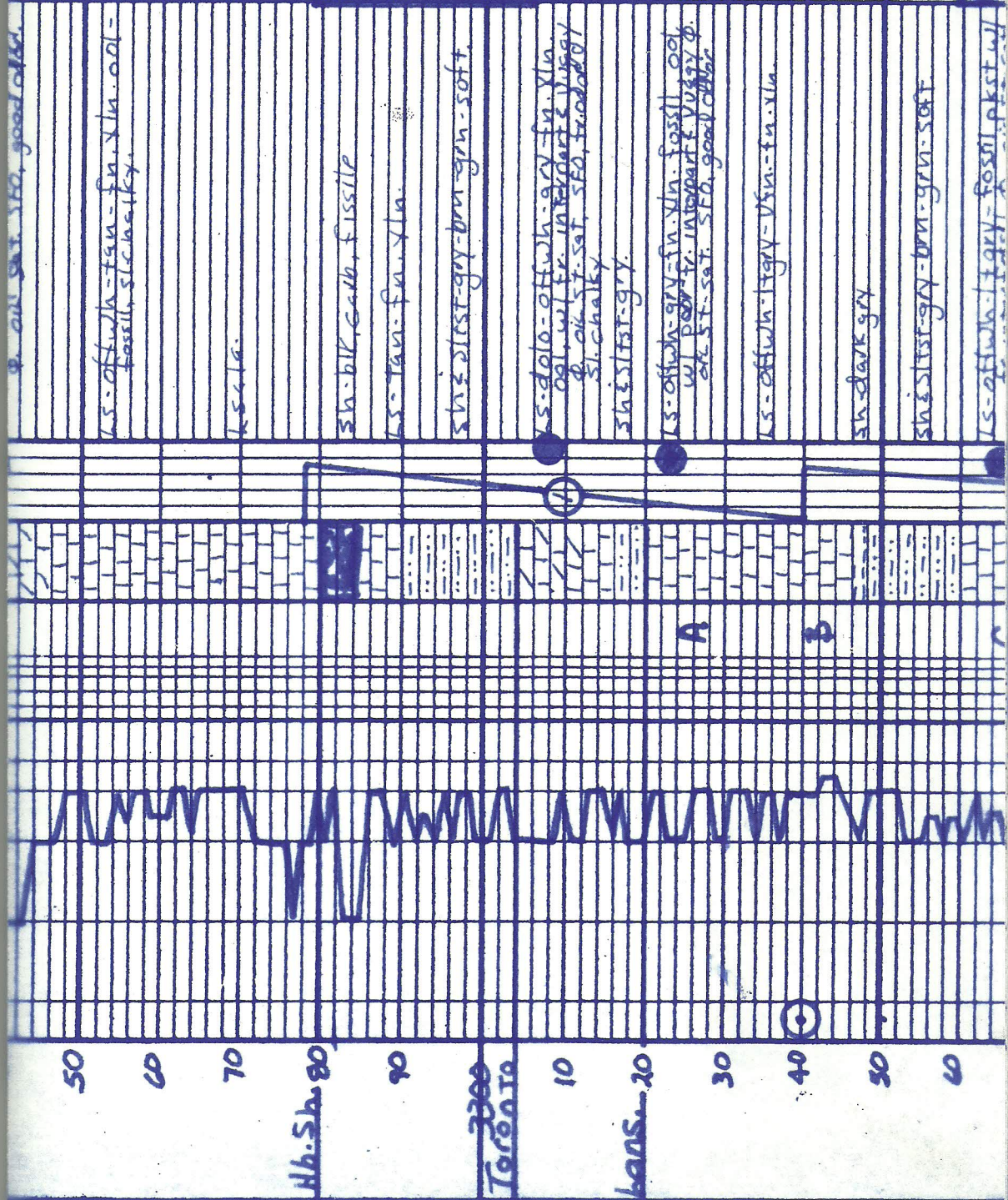
LS - offwhite - brn - fm. xln. fossil.

sl. siltst - gray - brn.

sh. blk, carb.

LS - ddo - offwhite - light gray - fm. xln.
sl. wt. good





OST 14180-A
 3778-3340
 5' 60" 60' 90"
 30' 0' 0" 28°
 60' 0' Mud
 95' 0' w, mud
 5' wtr
 F.P. 26-72, 70-100"
 S.I.P. 579-564#

Mud Y.P. -18
 Vis. -56 CHI. -1.3K
 WT. -9.0
 W.L. -7.6
 dev. 1/2
 Stamp. 43 Long.

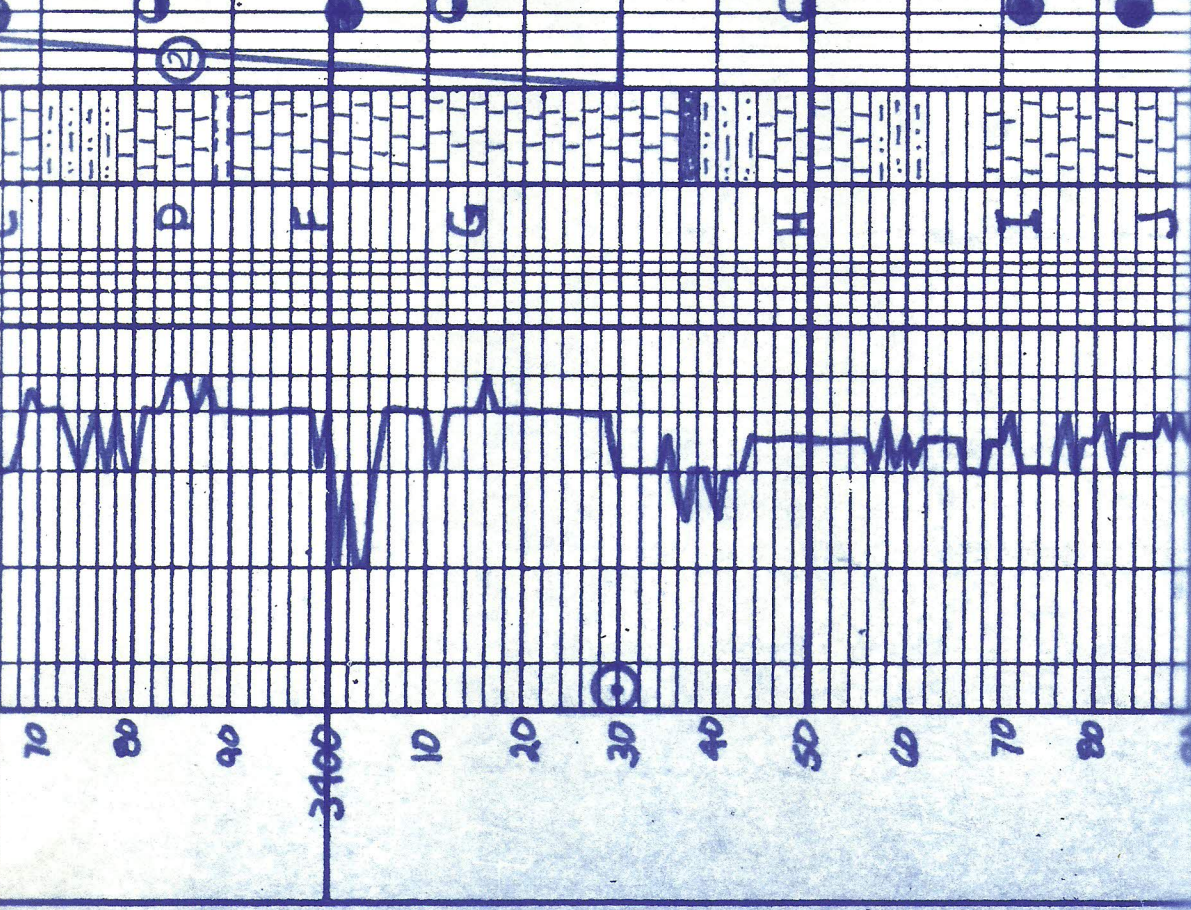
OST 14180-A
 3778-3340

750 M. W. R. W. S. O.
FR. 87-158, 179-373#
S.I.P. 523-511#

Mud
U15-86
Wt. 9.1

Mud
U15-88 Y.R. - 1.4
U15-93 Cnl. - 1.4
Wt. - 8.0

sh. siltst - gry - brn - grn.
 ls - off wh - fm - Xln. fossilif
 pop. interpart. & siltst
 sh. cherty siltst
 sh - gry
 ls - off wh - fm - Xln. off - fossilif
 for interpart. & siltst - siltst
 ls - off wh - fm - Xln. oolitic
 pop. conc. & siltst
 sh. SO, fr. border
 sh - dark gry - blk
 sh - siltst - gry - brn
 ls - off wh - fm - Xln. - in Xln. siltst
 fossil w/ pop. interpart. & siltst
 sh. siltst - gry - brn - grn.
 ls - off wh - fm - gry - fm - Xln. fossilif
 pop. interpart. & siltst
 sh. siltst - gry - brn - grn.
 ls - siltst





SS. 812, 5 feet, well worked

dark

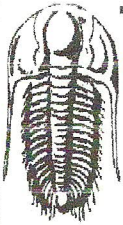


T.P. 830914 7-30-13

20

30

T.D.



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

C&W Oil, LLC
600 Wheeler Ave
FT. Smith, AR 67901
ATTN: Randy Kilian

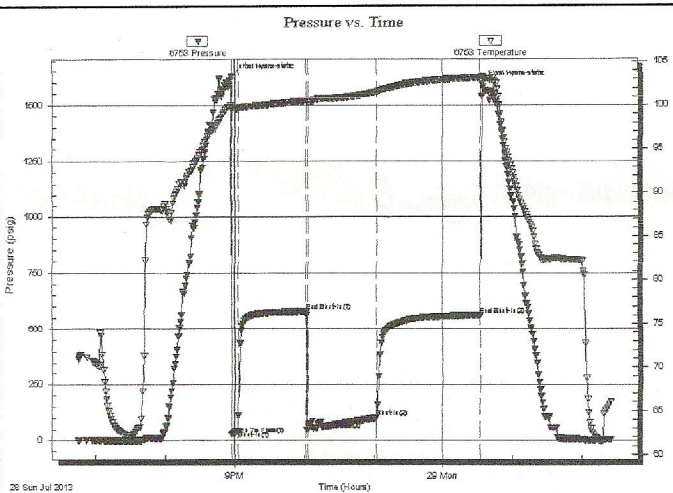
18-7-20, Rooks, KS
LeSage #2
Job Ticket: 54300 DST#: 1
Test Start: 2013.07.28 @ 18:45:00

GENERAL INFORMATION:

Formation: **Tor-KC "A"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:57:30
Time Test Ended: 02:25:30
Test Type: Conventional Bottom Hole (Initial)
Tester: Brett Dickinson
Unit No: 59
Interval: **3278.00 ft (KB) To 3340.00 ft (KB) (TVD)**
Total Depth: 3340.00 ft (KB) (TVD)
Reference Elevations: 2108.00 ft (KB)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft
2103.00 ft (CF)

Serial #: 6753 Inside
Press@RunDepth: 102.30 psig @ 3284.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.07.28 End Date: 2013.07.29 Last Calib.: 2013.07.29
Start Time: 18:45:00 End Time: 02:25:30 Time On Btm: 2013.07.28 @ 20:56:30
Time Off Btm: 2013.07.29 @ 00:34:00

TEST COMMENT: IF-3 1/2in blow
ISI-No blow
FF-BOB in 29min
FSI-1/4in blow died in 70min



PRESSURE SUMMARY

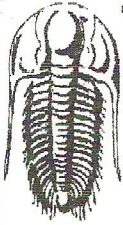
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1627.26	99.98	Initial Hydro-static
1	26.28	99.70	Open To Flow (1)
7	42.13	99.61	Shut-In (1)
66	579.29	100.53	End Shut-In (1)
67	47.53	100.44	Open To Flow (2)
126	102.30	101.53	Shut-In (2)
216	563.72	103.14	End Shut-In (2)
218	1592.04	103.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Water	0.02
95.00	V SOWCM 5% O 40% W 55% M	1.10
60.00	SOCM 10% O 90% M	0.84
30.00	SGO 10% G 90% O	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

C&W Oil, LLC
600 Wheeler Ave
FT. Smith, AR 67901
ATTN: Randy Kilian

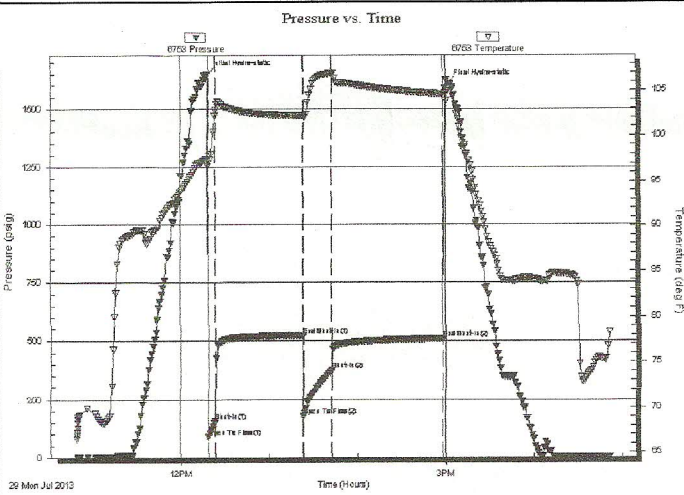
18-7-20, Rooks, KS
LeSage #2
Job Ticket: 34339 DST#: 2
Test Start: 2013.07.29 @ 10:50:00

GENERAL INFORMATION:

Formation: **KC"C-G"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:19:30
Time Test Ended: 16:52:00
Interval: **3340.00 ft (KB) To 3430.00 ft (KB) (TVD)**
Total Depth: 3430.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Brett Dickinson
Unit No: 59
Reference Elevations: 2108.00 ft (KB)
2103.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6753 Inside
Press@RunDepth: 373.37 psig @ 3343.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.07.29 End Date: 2013.07.29 Last Calib.: 2013.07.29
Start Time: 10:50:00 End Time: 16:52:00 Time On Btm: 2013.07.29 @ 12:18:30
Time Off Btm: 2013.07.29 @ 15:01:30

TEST COMMENT: IF-BOB in 2min
ISI-No blow
FF-BOB in 2 1/2min
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1651.45	97.35	Initial Hydro-static
1	89.08	96.66	Open To Flow (1)
6	157.69	102.77	Shut-In(1)
65	523.29	102.15	End Shut-In(1)
66	178.80	102.02	Open To Flow (2)
85	373.37	106.90	Shut-In(2)
160	510.59	104.58	End Shut-In(2)
163	1609.39	104.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	Water	3.09
180.00	OS MCW 70%W 30%M	2.52
240.00	OS WCM 40%W 60%M	3.37
90.00	Mud	1.26

* Recovery from multiple tests

Gas Rates

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

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. 7430

Date	7-25-13	Sec.	18	Twp.	7	Range	20	County	Rooks	State	KS	On Location		Finish	7:00 PM
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Location *Damar N to 24, 3 1/2 N, W n 2*

Lease <i>Le Sage</i>	Well No. <i>2</i>	Owner	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.
Contractor <i>Murfin 16</i>		Charge To	<i>C&W Oil</i>
Type Job <i>Surface</i>		Street	
Hole Size <i>12 1/4</i>	T.D. <i>221</i>	City	State
Csg. <i>8 5/8</i>	Depth <i>220</i>	The above was done to satisfaction and supervision of owner agent or contractor.	
Tbg. Size	Depth		
Tool	Depth		
Cement Left in Csg. <i>20</i>	Shoe Joint <i>20</i>	Cement Amount Ordered <i>150com 3%cc 2%gel</i>	
Meas Line	Displace <i>1234661</i>		

EQUIPMENT

Pumptrk <i>16</i>	No.	Cementer	Helper <i>Lounie W</i>	Common
Bulktrk <i>14</i>	No.	Driver	<i>Heath</i>	Poz. Mix
Bulktrk <i>P4</i>	No.	Driver	<i>Travis</i>	Gel.
		Driver		Calcium

JOB SERVICES & REMARKS

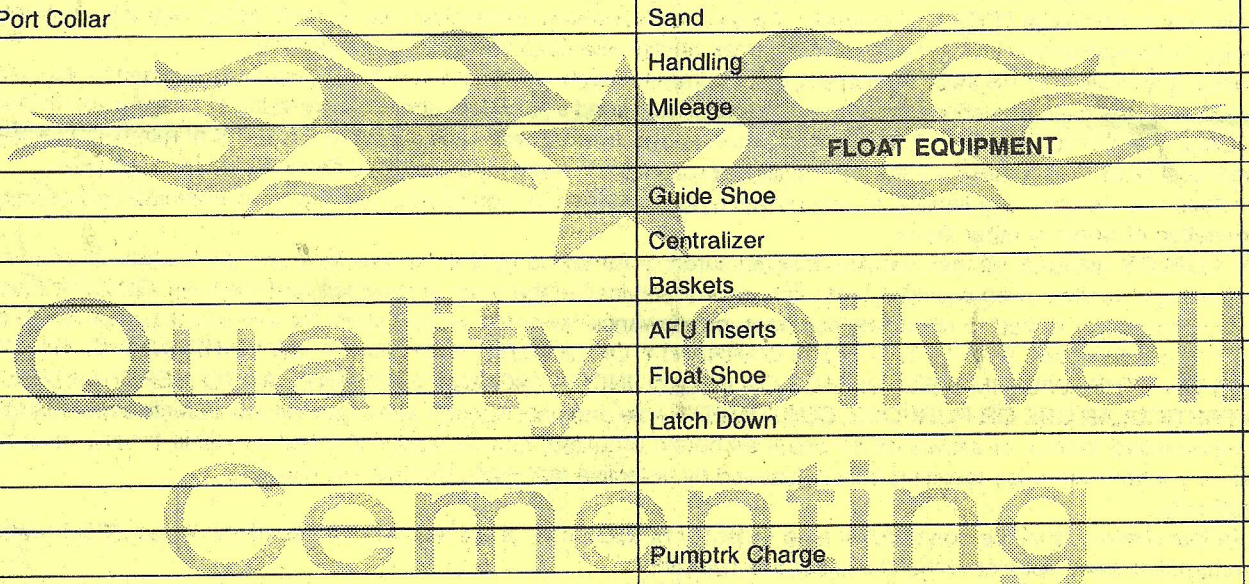
Remarks: <i>Cement did circulate</i>	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling
	Mileage

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	Pumptrk Charge
	Mileage

	Tax
	Discount
	Total Charge

X Signature *Ag [Signature]*



TRAVIS 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. 7432

Date	7-30-13	Sec.	18	Twp.	7	Range	20	County	Rooks	State	ks	On Location	Finish
Location <i>Damar N to 24 Hwy. 3N win 2</i>													

Lease <i>Lesage</i>	Well No. <i>2</i>	Owner 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.
Contractor <i>Murfin 16</i>		Charge To <i>C & W Oil, LLC</i>
Type Job <i>bottom stage</i>		
Hole Size <i>7 7/8</i>	T.D. <i>3630</i>	Street
Csg. <i>5 1/2 #15.5</i>	Depth <i>3629</i>	City
Tbg. Size	Depth	State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg. <i>13.81</i>	Shoe Joint <i>1381</i>	Cement Amount Ordered <i>150 com 10% salt 5% gilsonite</i>
Meas Line	Displace <i>86 bbl</i>	

EQUIPMENT

Pumptrk <i>16</i>	No.	Cementer Helper <i>Lonnice W</i>	Common
Bulktrk <i>1</i>	No.	Driver Driver <i>Claton</i>	Poz. Mix
Bulktrk <i>P4</i>	No.	Driver Driver <i>Travis</i>	Gel.
			Calcium

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers <i>2, 4, 5, 6, 7, 8, 10</i>	Kol-Seal
Baskets <i>2, 35</i>	Mud CLR 48 <i>500 gal</i>
D/V or Port Collar <i>D/V top of 36 at 2161</i>	CFL-117 or CD110 CAF 38
<i>pipe on bottom broke circulation pumped 500 gal Mud CLR 48 with 10% salt behind it mixed 150 sx com 10% salt 5% gilsonite</i>	Sand
<i>Shut down washed pump and lines Recased plug and displaced with 35 bbl fw and 45 bbl Mud and 6 bbl fw plug landed and held.</i>	Handling
<i>lift pressure at 900 psi</i>	Mileage
<i>plug landed at 1400 psi</i>	FLOAT EQUIPMENT
	Guide Shoe
	Centralizer <i>7 turbos</i>
	Baskets <i>2</i>
	AFU Inserts
	Float Shoe <i>1 with ball</i>
	Latch Down <i>1 with plug</i>
	<i>1 D/V tool</i>

Quality Oilwell Cementing

JRE

Pumptrk Charge		
Mileage		
		Tax
		Discount
		Total Charge

X Signature

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. 7433

Date	7-30-13	Sec.	18	Twp.	7	Range	20	County	Rooks	State	KS	On Location		Finish	7:45 PM
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Location *Damar N to 24 Hwy 3 N Wn 2*

Lease	<i>Le Sage</i>	Well No.	<i>2</i>	Owner	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.
Contractor	<i>Murfin 16</i>			Charge To	<i>C & W Oil, LLC</i>
Type Job	<i>Topstage</i>	T.D.		Street	
Hole Size	<i>7 7/8</i>	Depth	<i>D/V at 2161</i>	City	State
Csg.	<i>5 1/2 #15.5</i>	Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Tbg. Size		Depth		Cement Amount Ordered <i>490 5x QMDC 1/4 # Flow</i>	
Tool		Depth			
Cement Left in Csg.		Shoe Joint			
Meas Line		Displace	<i>51.5 661</i>		

EQUIPMENT

Pumptrk	<i>16</i>	No.	Cementer		Common
			Helper	<i>Lonnie W</i>	Poz. Mix
Bulktrk	<i>12</i>	No.	Driver	<i>Dneg</i>	Gel.
			Driver	<i>Travis</i>	Calcium

JOB SERVICES & REMARKS

Remarks:		Hulls	
Rat Hole	<i>30 5x</i>	Salt	
Mouse Hole		Flowseal	
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar	<i>D/V at 2161</i>	CFL-117 or CD110 CAF 38	
	<i>Dropped dart open tool circulated 5 min pluged Rat hole with 30 5x hooked to 5 1/2 mixed 360 5x QMDC 1/4 # Flow Shut down washed pump and lines released plug and displaced with 51.5 661 fw plug landed and holed.</i>	Sand	
	<i>lift pressure at 300 psi</i>	Handling	
	<i>plug landed at 4100 psi</i>	Mileage	
		FLOAT EQUIPMENT	
		Guide Shoe	
		Centralizer	
		Baskets	
		AFU Inserts	
		Float Shoe	
		Latch Down	
		Pumptrk Charge	
		Mileage	
		Tax	
		Discount	
		Total Charge	

X Signature *[Handwritten Signature]*

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. 7765

Date	9-6-13	Sec.		Twp.		Range		County	Rooks	State	Ks	On Location		Finish	2:30 PM
------	--------	------	--	------	--	-------	--	--------	-------	-------	----	-------------	--	--------	---------

Lease Larsage Location Dumas, Ks - 8 N, W/5

Well No. 2 Owner To Quality Oilwell Cementing, Inc.

Contractor Express well Service 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 Squeeze Charge To C+W Oil

Hole Size T.D. Street

Csg. 5 1/2" Depth Street

Tbg. Size 2 7/8" Depth 3161' City State

Tool CIBP Depth 3270' The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. Shoe Joint Cement Amount Ordered 150 5x Common 2%CL

Meas Line Displace H2O 2 1/2" Sand

EQUIPMENT

Pumptrk	No. <u>16</u>	Cementer	<u>Billy</u>	Common
		Helper		Poz. Mix
Bulktrk	No. <u>14</u>	Driver	<u>Clayton</u>	Gel.
		Driver		Calcium
Bulktrk	No. <u>1</u>	Driver	<u>Rick</u>	

JOB SERVICES & REMARKS

Remarks: Spot 2' 5" Sand Hulls

Rat Hole Perfs 32' 32'-35' Salt

Mouse Hole Injection Rate 4 BCS per Flowseal

Centralizers mix @ 1200# Kol-Seal

Baskets mix 75 5x Common 2%CL Mud CLR 48

D/V or Port Collar shot down wash pump Sand

+ lines Displaced with Handling

H2O. Stage + Squeeze to Mileage

FLOAT EQUIPMENT

2000# Released + Held Guide Shoe

Released over + Go down Centralizer

+ wash Squeeze out + C Baskets

Sand off of the plug, pull AFU Inserts

4 Sts + load hole. Plug, pull Float Shoe

set packer with pressure Latch Down

Rigged down

[Signature]

Pumptrk Charge

Mileage

Tax

Discount

X Signature Total Charge