



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: _____



1161084

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 1
Doc ID	1161084

All Electric Logs Run

Dual Induction Log
Compensated Density Neutron Log
Micro Resistivity Log
Cement Bond Log

Form	ACO1 - Well Completion
Operator	C & W Oil, LLC
Well Name	LeSage 1
Doc ID	1161084

Tops

Name	Top	Datum
Anhydrite	1707	+430
Base of Anhydrite	1741	+396
Topeka	3112	-975
Heebner Shale	3315	-1178
Toronto	3337	-1200
Lansing	3353	-1216
Base of Kansas City	3550	-1413
Arbuckle	3590	-1453
RTD	3650	

Form	ACO1 - Well Completion
Operator	C & W Oil, LLC
Well Name	LeSage 1
Doc ID	1161084

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
2	3338-3341	250 gal 15% MCA	3584-3587
2	3354-3357	250 gal 15% MCA	3502-3505
2	3502-3505	250 gal 15% MCA/500gal 15% MCA	3354-3357, 3338- 3342
2	3584-3587	250 gal 15% NE	3584-3587
		1000 gal 15% NE	3502-3505
		1000 gal 15% NE	3338-3342, 3354- 3357

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 #1

FIELD LeSage

LOCATION (legal) Ap. NW NW SE NE

(1335' FNL & 1075' FEL)

Section 18 TWP 7S RGE 20W

(Map) 8 mi N of Damar, Ks.

COUNTY Rooks STATE Kansas

ELEVATION: 2137' K.B., 2132' G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-163-24128

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-H COLLARS 6 1/4" 16 (500')

CASING: SURFACE 8 5/8" @ 221' w/ 150 sx Common

PRODUCTION 5 1/2" @ 3647' w/ 150 sx Common
DV in Anhydrite

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

TYPE: Chemical

REMARKS: Full service

DRILL STEM TESTS: COMPANY Trilobite Testing, Inc.
(Brandon Turley)

NUMBER OF TESTS Two (2)

ELECTIC LOGS: COMPANY Gemini Wireline, LLC

DETAIL (5") 3000' - RTD

TYPE DI, Comp N-D, Micro

DRILLING TIME FROM 3000' TO RTD

SAMPLE TIME FROM 3000' TO RTD

SUPERVISION FROM 3000' TO RTD

VERTICAL DEVIATION 1°@ 222', 3/4°@ 2319', 1°@
3405', 1°@ 3650'

PLUGGING REPORT 30 sx Rat, 15 sx Mouse

RESERVE PIT 1200 bbls., Chl. 1.100

DRILL STEM TESTS

NO	INTERVAL	IFF/TIME	ISIF/TIME	FFP/TIME	FSIF/TIME	IHP/FHP	RECOVERY
1	TOP-C 3314- 3405'	27# 37# 5"	598# 60"	41# 79# 60"	553# 90"	1628# 1556#	10' Oil 139' O,C,Mud 25% Oil
2	LKe D-G 3402- 3455'	30# 61# 5"	537# 60"	66# 224# 60"	513# 90"	1670# 1636#	444' M,Wtr w/s.o.
3							
4							
5							
6							
7							
8							

MUD RECORD						
CHK	DEPTH	WT	VIS	FIL	CHL	YP
1	2873'					
2	3140'	8.8	66			
3	3225'	8.9	68			
4	3330'	8.9	60	7.6	1.2k	19
5	3390'	9.0	57			
6	3455'	9.2	50	8.0	1.4k	16
7	3520'	9.2	49			
8	3610'	9.2	60			
9						
10						
11						

Displaced

\$6789

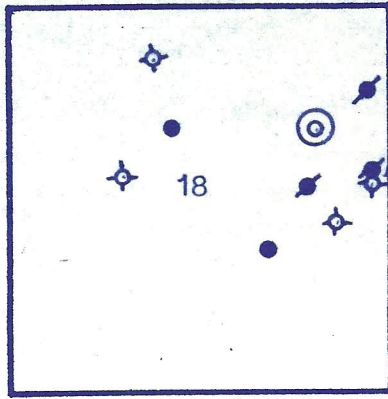
LCM 3#

BIT RECORD						
NO	SIZE	MAKE	TYPE	DEPTH-OUT	FEET	HOURS
1	12 1/4"	VariI	Ch1GMS	222'	222'	2 1/4
2	7 7/8"	HICO.	GX20C	3650'	3428'	67 1/4
3						
4						
5						
6						
7						

FORMATION TOPS & STRUCTURAL GEOLOGY

R 20 W

T
7
S



REFERRED TO:

- A: IMPERIAL OIL OF KS, INC
- LeSage #1 Ap. SE SE NE 18
- B: _____
- C: _____
- D: _____
- E: _____

STRATIGRAPHIC MARKERS	SUBJECT WELL		STRUCTURAL POSITION					
	SAMPLE	E. LOG	DATUM	A	B	C	D	E
Anhydrite	1712'	1707'	+ 430	+ 429				
Base	1746'	1741'	+ 396	+ 396				
Topeka	3110'	3112'	- 975	- 971				
Heeb. Sh.	3318'	3315'	-1178	-1175				
Toronto	3343'	3337'	-1200	-1196				
Lansing	3358'	3353'	-1216	-1211				
BKc.	3553'	3550'	-1413	-1410				
Cong.				-1453				
Arbuckle	3593'	3590'	-1453	-1495				
TD	3650'	3648'	-1516	-1533				

Pipe strap .15' short.

*Structural position of subject well as compared to referred well.

SUMMARY

The LeSage #1 well was drilled with Murfin Drilling tools rig #16 beginning 7-18-13 and drilling was completed 7-24-13.

The drill site was located via a 3-D seismic survey. The well ran as expected from seismic data.

Oil was recovered on DST #1 over the Toronto- LKc C.

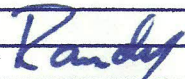
Oil shows were encountered in numerous zones. The electric logs were positive for seven zones.

Based upon all data, 5½" casing was set and cemented to further test and produce the well.

Recommended perfs: Marm-Arb. 3585-3603', LKc L 3544-49'
K 3534-40', J 3516-20', I 3507-11', H 3483-87', A 3353-56'.

Perf at a later date; LKc I 3502-06', & Toronto 3337-39'.

Respectfully,



Randall Kilian

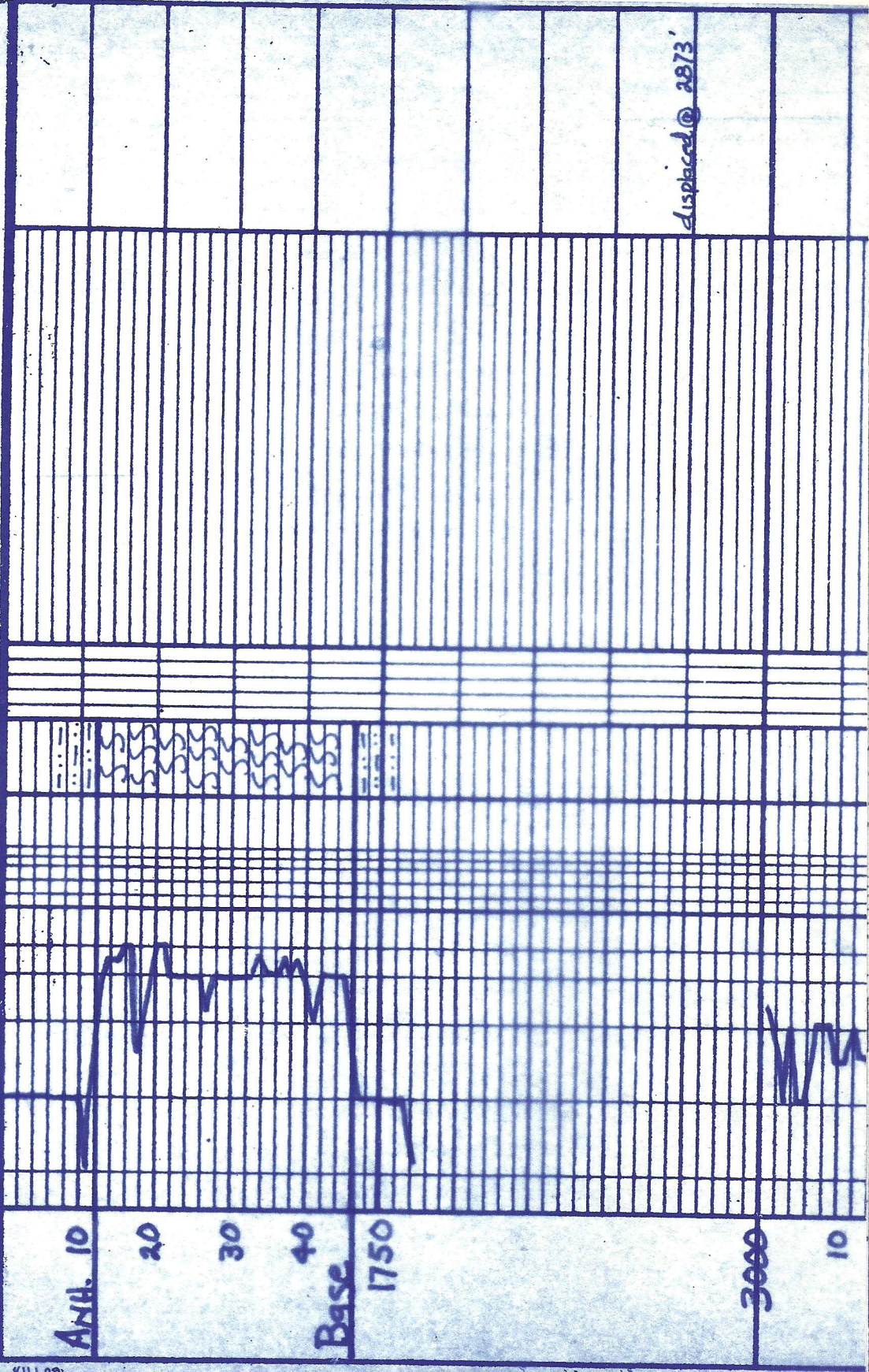
DRILLING TIME (min/ft)

1/2 1 2 3 4 5 6 7 8 9 10

φ & SHOWS
POOR
FAIR
GOOD
DST

LITHOLOGY (LAGGED)

REMARKS



displaced @ 2873'

Mud
Vis. 66
wt. 88

sh. gry.

sh. dark gry

sh. siltst. gry-brn-grn.

ls. offwh-brn-fn. xln.

sh. gry.

ls. tan-gry-fn-fn. xln.

sh. dark gry

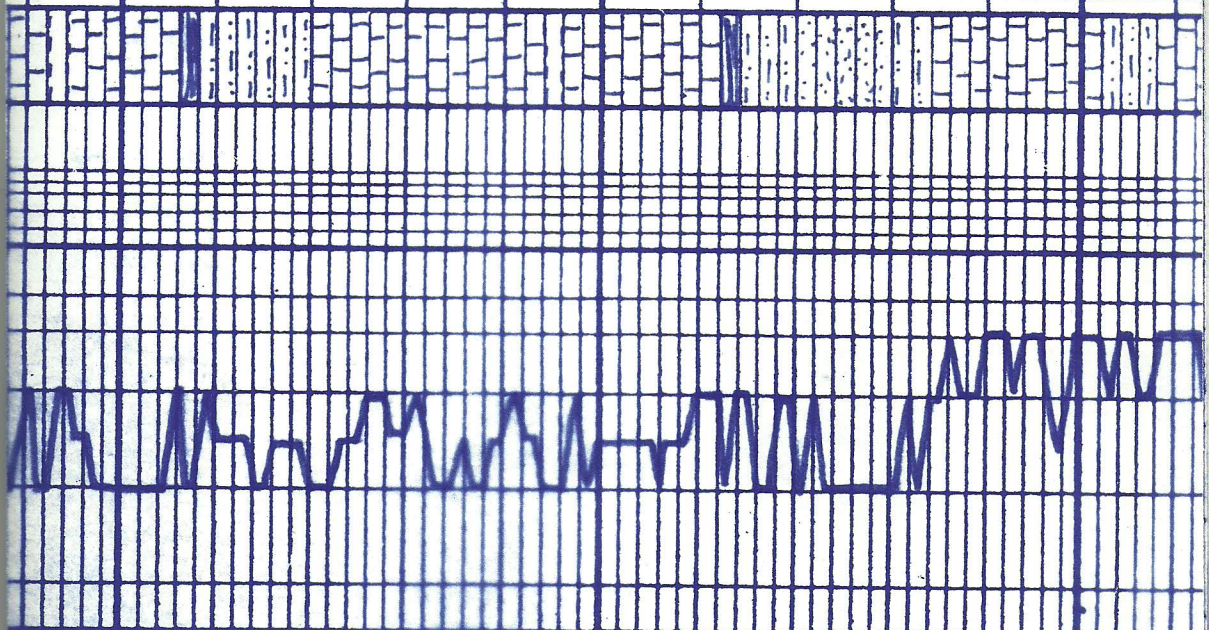
siltst. dirty
silt. gry-fn-grn.

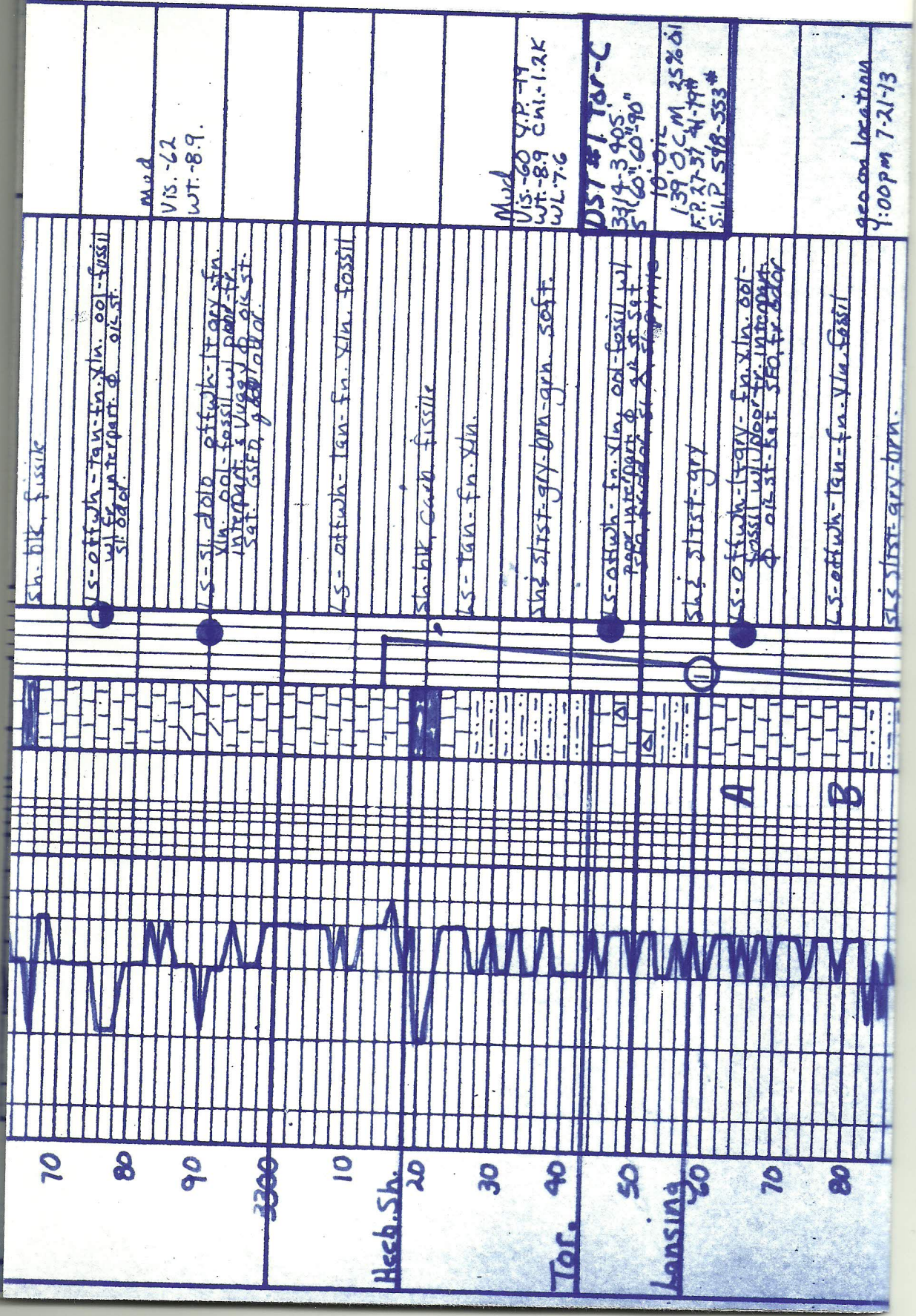
ls. offwh-fn-gry-fn-fn. xln.
fossiliferous

sh. siltst. brn-gry

Mud
Vis. 68
wt. 89

40 50 60 70 80 90 300 10 20 30 40 50 60





sh. blk. fissile

LS - offwh - tan - fn. xln. ool - fossil
 w/ fr. interpart. ϕ ois. st.

LS - sl. dolo offwh - tan - fn. xln. ool - fossil
 w/ fr. interpart. ϕ ois. st. SAT. GSD, p. 200/1000

LS - offwh - tan - fn. xln. fossil

sh. blk. carb. fissile

LS - tan - fn. xln.

sh. stst - gry - brn - grn. soft.

LS - offwh - tan - fn. xln. ool - fossil w/
 pap. interpart. ϕ ois. st. SAT. GSD, p. 200/1000

sh. stst - gry

LS - offwh - tan - fn. xln. ool - fossil w/
 pap. interpart. ϕ ois. st. SAT. GSD, p. 200/1000

LS - offwh - tan - fn. xln. fossil

sh. stst - gry - brn.

70

80

90

3300

10

Hech. Sh.

20

30

Tor.

40

50

Lansing

60

70

80

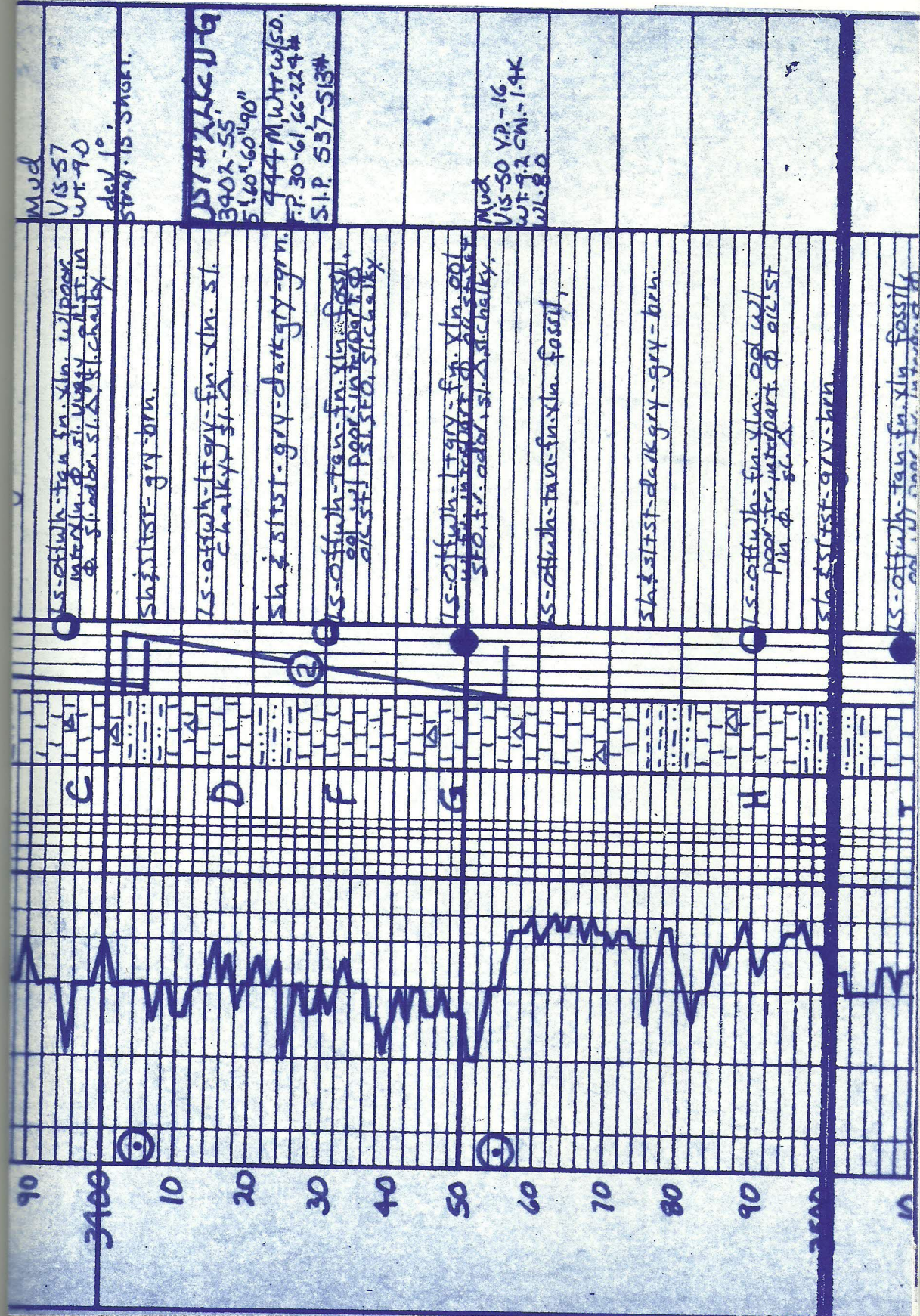
Med
 Vis. - 62
 WT. - 8.9.

Mud
 Vis. - 60
 WT. - 8.9
 Cnl. - 1.2K
 WL. - 7.6

DST #1 Tor-C

33/4 - 3405
 5' 60" - 60' 90"
 10' o/c
 139' O.C.M. 25% oil
 F.P. 27.5' 21-79#
 S.I.P. 598-553#

geom location
 7:00pm 7-21-13



Mud
Vis-57
wt-70
dev 1°
strap-15 short.

DS1 #22K U-9
3902-55
5' 10" 60' 190"
744 M, WTR W50.
FP: 30-61, 66-224#
S.I.P. 537-513#

Mud
Vis-50 Y.P. - 16
WT: 7.2 CHL - 1.9K
WL: 8.0

ls-offwh-tan fin. xln. w/ poor
int. fr. part. of arcist
in sh. & sst. ch. chalky

sh & sst - gray-brn.

ls-offwh-t gray-fn. xln. st.
chalky sh. & sst.

sh & sst - gray-dark gray-grn.

ls-offwh-tan-fn. xln fossil.
ool. w/ poor. int. part. of
arcist. sst. sh. & sst. chalky

ls-offwh-t gray-fn. xln. ool
w/ poor. int. part. of arcist
sst. sh. & sst. chalky.

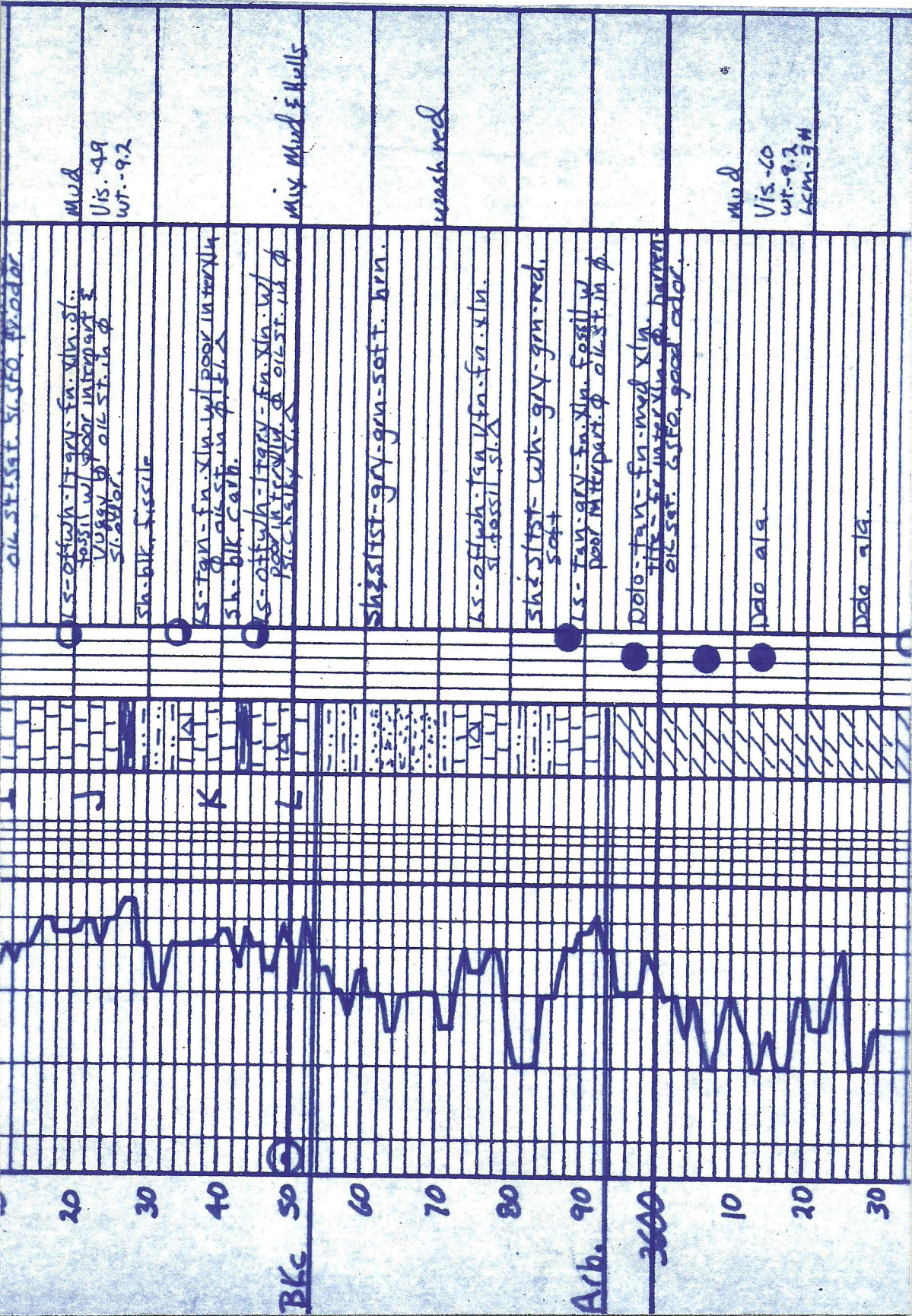
ss-offwh-tan-fn. xln. fossil,

sh & sst - dark gray - gray-brn.

ls-offwh-tan-fn. xln. ool w/
poor. fr. int. part. of arcist
in sh. & sst.

sh & sst - gray-brn.

ls-offwh-tan-fn. xln. fossil
ool. w/ poor. fr. int. part. of arcist



Mud
Vis. 49
wt. 9.2

Mix. Mud & Shells

wash red

Mud
Vis. 60
wt. 9.2
Ksm. 3H

oil-st. st. 5.5 ft. odor.

ls-offwh - tan. fn. xln. st. fossil w/ poor interpart & 100% oil st. in ϕ s. odor.

sh-blk fissile

ls-tan - fn. xln. w/ poor interpart & oil st. in ϕ s. sh-blk. carb.

ls-offwh - tan. fn. xln. w/ poor interpart & oil st. in ϕ s. carb. s. sh-blk.

sh:stst - gray - soft. brn.

ls-offwh - tan. fn. xln. st. fossil s. sh-blk.

sh:stst - wh - gray - soft. brn.

ls - tan - gray - fn. xln. fossil w/ poor interpart. ϕ oil st. in ϕ

Dolo - tan - fn - med xln. fine - fr. interpart. ϕ barren oil st. 6.5 ft. good odor.

Dolo ala.

Dolo ala.

20

30

40

Blc 50

60

70

80

Ach. 90

360

10

20

30

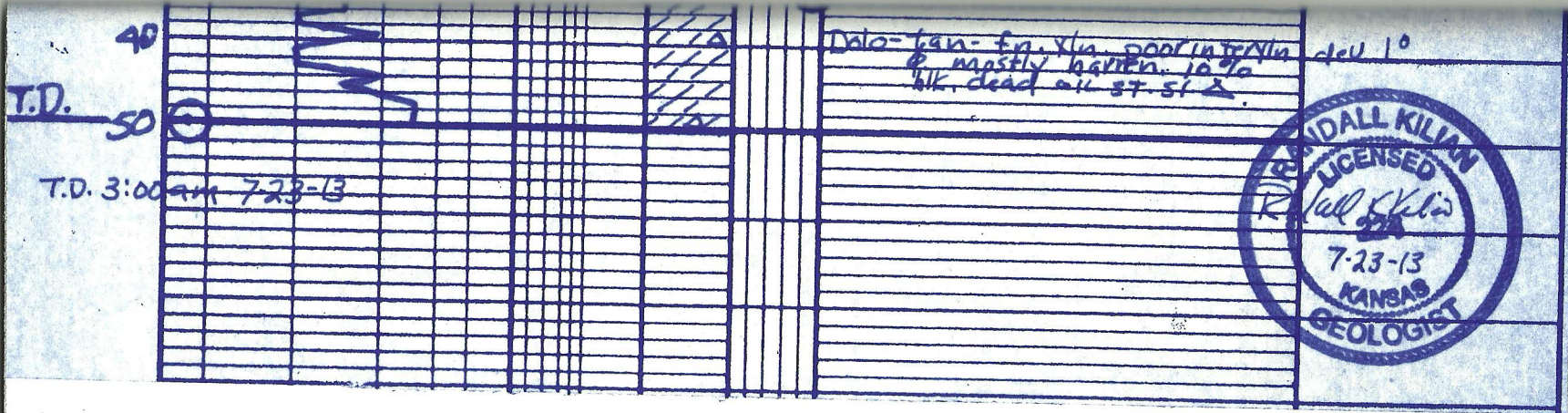
1

J

K

L

Dolo ala.





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

C&W Oil LLC
 P.O. Box 4641 Station B
 Fort Smith, AR 72914
 ATTN: Randy Killian

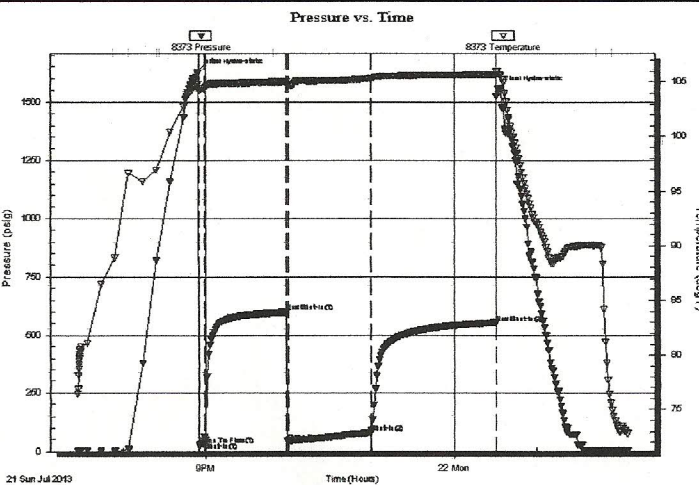
18-7s-20w Rooks, Ks
 Lesage #1
 Job Ticket: 53180 DST#: 1
 Test Start: 2013.07.21 @ 19:26:44

GENERAL INFORMATION:

Formation: **Tor-C**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:54:44
 Time Test Ended: 02:06:14
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Turley
 Unit No: 60
 Interval: **3314.00 ft (KB) To 3405.00 ft (KB) (TVD)**
 Total Depth: 3405.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Reference Elevations: 2137.00 ft (KB)
 2132.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: **8373** Inside
 Press@RunDepth: 79.98 psig @ 3315.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.07.21 End Date: 2013.07.22 Last Calib.: 2013.07.22
 Start Time: 19:26:44 End Time: 02:06:14 Time On Btm: 2013.07.21 @ 20:53:14
 Time Off Btm: 2013.07.22 @ 00:31:44

TEST COMMENT: IF: 1/2 blow built to 2.
 IS: No return.
 FF: Surface blow BOB in 55 min.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1628.83	104.62	Initial Hydro-static
2	27.50	104.26	Open To Flow (1)
6	37.58	104.43	Shut-In(1)
65	598.23	105.00	End Shut-In(1)
66	41.72	104.74	Open To Flow (2)
126	79.98	105.31	Shut-In(2)
217	553.22	105.68	End Shut-In(2)
219	1556.97	105.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	ocm 20%o 80%m	1.46
15.00	ocm 30%o 70%m	0.21
10.00	oil 100%o	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

C&W Oil LLC
P.O. Box 4641 Station B
Fort Smith, AR 72914
ATTN: Randy Killian

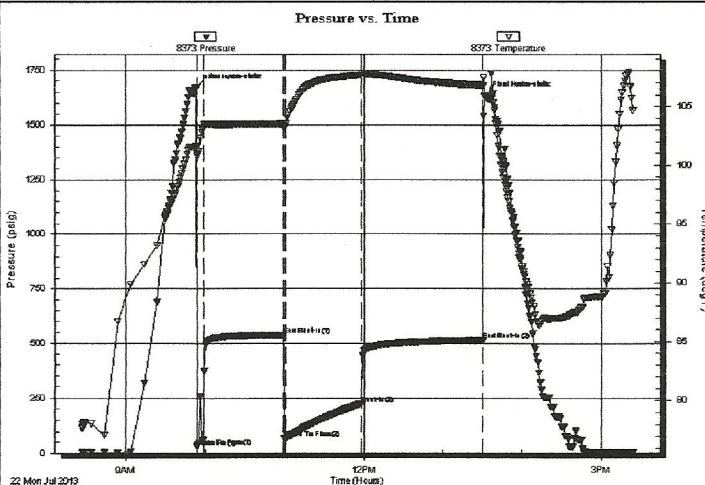
18-7s-20w Rooks, Ks
Lesage #1
Job Ticket: 53181 DST#: 2
Test Start: 2013.07.22 @ 08:26:32

GENERAL INFORMATION:

Formation: **LKC D-G**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:53:32
Time Test Ended: 15:24:02
Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 60
Interval: **3402.00 ft (KB) To 3455.00 ft (KB) (TVD)**
Reference Elevations: 2137.00 ft (KB)
Total Depth: 3455.00 ft (KB) (TVD) 2132.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8373 Inside
Press@RunDepth: 224.10 psig @ 3403.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.07.22 End Date: 2013.07.22 Last Calib.: 2013.07.22
Start Time: 08:26:32 End Time: 15:24:02 Time On Btm: 2013.07.22 @ 09:53:02
Time Off Btm: 2013.07.22 @ 13:32:32

TEST COMMENT: IF: 1/4 blow built to 6.
IS: No return.
FF: BOB in 13 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1670.96	101.63	Initial Hydro-static
1	30.91	100.81	Open To Flow (1)
6	61.85	103.21	Shut-In(1)
66	537.74	103.52	End Shut-In(1)
68	66.32	103.28	Open To Flow (2)
125	224.10	107.65	Shut-In(2)
218	513.79	106.78	End Shut-In(2)
220	1636.18	105.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw 90%w 10%m	1.46
186.00	mcw 70%w 30%m	2.61
134.00	mw oil spots 50%w 50%m	1.88

* 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. 7984

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-18-13	18	7	20	Rooks	Ks		6:00 PM

Lease *C+W oil* Location *Damac Ks - N to Hwy 24 +*

Well No. *1* Owner *Dean Rd Sta 3 1/2 N, W/S*

Contractor *Martin* *16*
Type Job *Surface*
To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish
cement and helper to assist owner or contractor to do work as listed.

Hole Size *10 1/4"* T.D. *222'* Charge To *C+W oil*

Csg. *8 3/8"* Depth *221'* Street *P.O. Box 4641 Sta B*

Tbg. Size Depth City *Fort Smith* State *AR* *72901*

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

Cement Left in Csg. *15'* Shoe Joint *15'* Cement Amount Ordered *150 57 Common 3% CC*

Meas Line Displace *13 B15 2 1/2 bbl*

EQUIPMENT

Pumptrk <i>15</i>	No.	Cementer		Common
		Helper	<i>Billy</i>	Poz. Mix
Bulktrk <i>1</i>	No.	Driver	<i>Heath</i>	Gel.
Bulktrk <i>pill</i>	No.	Driver	<i>Rick</i>	Calcium

JOB SERVICES & REMARKS

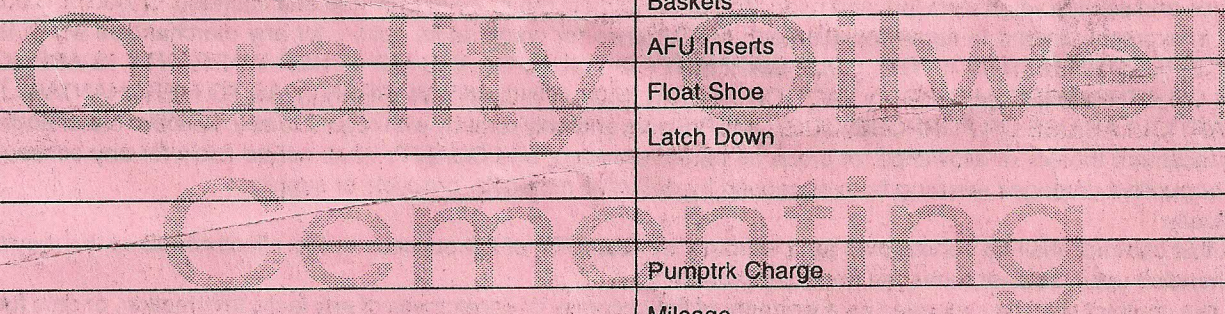
Remarks: <i>Cement did Circulate</i>	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling
	Mileage

FLOAT EQUIPMENT

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

	Tax
	Discount
	Total Charge

X Signature *A. J. [unclear]*



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. 6712

Date	7-23-73	Sec.	7	Twp.	18	Range	20	County	Reelfoot	State	KS	On Location	U. 30 pm	Finish	
Lease								Well No.	Owner						
Contractor								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.							
Type Job								Charge To							
Hole Size								T.D.	Street						
Csg.								Depth	City						
Tbg. Size								Depth	State						
Tool								The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.								Shoe Joint	Cement Amount Ordered						
Meas Line								Displace	5% gilsonite						
EQUIPMENT													Common		
Pumptrk	17	No.	Cementer											Poz. Mix	
			Helper												
Bulktrk	1	No.	Driver											Gel.	
			Driver												
Bulktrk	13	No.	Driver											Calcium	
			Driver												
JOB SERVICES & REMARKS													Hulls		
Remarks:													Salt		
Rat Hole													Flowseal		
Mouse Hole													Kol-Seal		
Centralizers													Mud CLR 48		
Baskets													CFL-117 or CD110 CAF 38		
D/V or Port Collar													Sand		
Handing													Mileage		
FLOAT EQUIPMENT															
Guide Shoe															
Centralizer															
Baskets															
AFU Inserts															
Float Shoe															
Latch Down															
Pumptrk Charge															
Mileage															
Tax															
Discount															
Total Charge															
Signature															

X Signature

J. P. [Signature]

Bottom Stage

Rep flash box 150,
down hole displaced
36 45 mud, 4 BAK watch
with flt. hole

DV

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Home Office P.O. Box 32 Russell, KS 67665

No. 6713

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-23-13	7	19	20	Rooks	KS	4.30pm	8.30pm
Lease <i>Le 900se</i>				Well No. <i>#1</i>		Location <i>Dinner N to 24 3/4 N Wink</i>	
Contractor <i>Martin 16</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.	
Type Job <i>2 Stage</i>				Charge To		<i>C.W. oil</i>	
Hole Size <i>7 7/8</i>		T.D. <i>3650</i>		Street		<i>C.W. oil</i>	
Csg. <i>5 1/8</i>		Depth		City		State	
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Tool		Depth		Cement Amount Ordered <i>300 Qm/c 1/4 Hole</i>			
Cement Left in Csg. <i>21.12</i>		Shoe Joint <i>21.12</i>		Cement Amount Ordered			
Meas Line		Displace <i>52.19M</i>		EQUIPMENT			
Pumptrk <i>17</i> No. Cementer <i>Matt Craig</i>				Common			
Bulktrk <i>1</i> No. Helper <i>Matt Craig</i>				Poz. Mix			
Bulktrk <i>1</i> No. Driver <i>Coody</i>				Gel.			
Bulktrk <i>13</i> No. Driver <i>Clayton David L</i>				Calcium			
JOB SERVICES & REMARKS				Hulls			
Remarks:				Salt			
Rat Hole <i>top Stage 309 1/2</i>				Flowseal			
Mouse Hole <i>top Stage 205 1/2</i>				Kol-Seal			
Centralizers				Mud CLR 48			
Baskets		<i>PV Tool @ 2171</i>		CFL-117 or CD110 CAF 38			
D/V or Port Collar				Sand			
<i>Propped @ 2000 Bottom Worked</i>				Handling			
<i>Umin mix 300 Sht down</i>				Mileage			
<i>When Ben Plug checked with water plug hold</i>				FLOAT EQUIPMENT			
<i>Cement was in collar</i>				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Pumptrk Charge			
				Mileage			
<i>[Signature]</i>				Tax			
				Discount			
				Total Charge			