



KANSAS CORPORATION COMMISSION 1072084  
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 # 5030  
Name: Vess Oil Corporation  
Address 1: 1700 WATERFRONT PKWY BLDG 500  
Address 2: \_\_\_\_\_  
City: WICHITA State: KS Zip: 67206 + 6619  
Contact Person: Casey Coats  
Phone: ( 316 ) 682-1537  
CONTRACTOR: License # 32701  
Name: C & G Drilling, Inc.  
Wellsite Geologist: Bill Stout  
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 #: \_\_\_\_\_

11/08/2011	11/13/2011	12/05/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-015-23921-00-00  
Spot Description: 70'N C N/2 S/2  
S2 N2 N2 S2 Sec. 9 Twp. 25 S. R. 5  East  West  
2050 Feet from  North /  South Line of Section  
2640 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Butler  
Lease Name: Wilson A Well #: 443  
Field Name: \_\_\_\_\_  
Producing Formation: Viola  
Elevation: Ground: 1365 Kelly Bushing: 1371  
Total Depth: 2470 Plug Back Total Depth: 2470  
Amount of Surface Pipe Set and Cemented at: 257 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: 5000 ppm Fluid volume: 800 bbls  
Dewatering method used: Evaporated  
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: Deanna Gertler Date: 01/27/2012



1072084

Operator Name: Vess Oil Corporation Lease Name: Wilson A Well #: 443  
 Sec. 9 Twp. 25 S. R. 5  East  West County: Butler

**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 (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	see attached	
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Electric Log Submitted Electronically (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
Dual Induction			
Density Neutron			

CASING RECORD <input checked="" 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
surface	12.25	8.625	24	257	Class A	150	2% gel, 3% cc
production	7.875	5.5	15.5	2468	thickset	150	

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 (Amount and Kind of Material Used)	Depth
4	2466.5 - 2468.5		

TUBING RECORD:	Size: <u>2.875</u>	Set At: <u>2460</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>12/23/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>150</u>	Gas Mcf	Water Bbls. <u>10</u>	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>2466.5 - 2470</u>
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**CONSOLIDATED**  
Oil Well Services, LLC

NOV 21 2011

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept: 970  
P.O. Box 4346  
Houston, TX 77210-4346

**MAIN OFFICE**  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

INVOICE

Invoice # 245847

Invoice Date: 11/17/2011 Terms: 0/0/30,n/30

Page 1

VESS OIL CORPORATION  
1700 WATER FRONT PKWAY BLD 500  
WICHITA KS 67226  
(316) 682-1537

WILSON A 443  
34113  
9-238-5E  
11-09-11  
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	150.00	14.2500	2137.50
1102	CALCIUM CHLORIDE (50#)	400.00	.7000	280.00
1107	FLO-SEAL (25#)	50.00	2.2200	111.00
	Description	Hours	Unit Price	Total
290	CEMENT PUMP (SURFACE)	1.00	775.00	775.00
290	EQUIPMENT MILEAGE (ONE WAY)	.00	4.00	.00
442	MIN. BULK DELIVERY	1.00	330.00	330.00

Parts: 2528.50 Freight: .00 Tax: 165.62 AR 3799.12  
Labor: .00 Misc: .00 Total: 3799.12  
Sublt: .00 Supplies: .00 Change: .00

Signed \_\_\_\_\_

Date \_\_\_\_\_

BARTLESVILLE, OK  
918/338-0808

EL DORADO, KS  
316/322-7022

EUREKA, KS  
620/583-7664

PONCA CITY, OK  
580/762-2303

OAKLEY, KS  
785/872-2227

OTTAWA, KS  
785/242-4044

THAYER, KS  
620/839-5269

GILLETTE, WY  
307/886-4914





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MAIN OFFICE  
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Chanute, KS 66720  
620/431-9210 • 1-800/467-8876  
Fax 620/431-0012

INVOICE

Invoice # 245858

Invoice Date: 11/17/2011 Terms: 0/0/30,n/30

Page 1

VESS OIL CORPORATION  
1700 WATER FRONT PKWAY BLD 500  
WICHITA KS 67226  
(316) 682-1537

WILSON #A 443  
31791  
9-238-5E  
11-13-11  
KS

Part Number	Description	Qty	Unit Price	Total
1126A	THICK SET CEMENT	150.00	18.3000	2745.00
1110A	KOL SEAL (50# BAG)	750.00	.4400	330.00
1144G	MUD FLUSH (SALE)	500.00	1.0500	525.00
4159	FLOAT SHOE AFU 5 1/2"	1.00	344.0000	344.00
4454	5 1/2" LATCH DOWN PLUG	1.00	254.0000	254.00
4104	CEMENT BASKET 5 1/2"	2.00	229.0000	458.00
4130	CENTRALIZER 5 1/2"	6.00	48.0000	288.00
4310	5 1/2 HEAD	1.00	205.0000	205.00
	Description	Hours	Unit Price	Total
442	MIN. BULK DELIVERY	1.00	330.00	330.00
446	CEMENT PUMP	1.00	975.00	975.00

Parts: 5149.00 Freight: .00 Tax: 337.27 AR 6791.27  
Labor: .00 Misc: .00 Total: 6791.27  
Sublt: .00 Supplies: .00 Change: .00

Signed \_\_\_\_\_

Date \_\_\_\_\_

BARTLESVILLE, OK  
918/338-0808

EL DORADO, KS  
316/322-7022

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785/242-4044

THAYER, KS  
620/839-5269

GILLETTE, WY  
307/888-4914



**CONSOLIDATED**  
Oil Well Services, LLC



**ENTERED**

TICKET NUMBER: 31791

LOCATION: 180

FOREMAN: LARRY STORM

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**

**CEMENT API 15-015-23921**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-13-11	8511	WILSON # A443	9	235	5E	BUTLER
CUSTOMER V536 Oil Corp			TRUCK #			
MAILING ADDRESS 1700 WATERFRONT PKWAY BLD 500			DRIVER		TRUCK #	
CITY WICHITA			DRIVER		TRUCK #	
STATE KS			DRIVER		TRUCK #	
ZIP CODE 67206			DRIVER		TRUCK #	

JOB TYPE: FROD B HOLE SIZE: 7 7/8 HOLE DEPTH: 2469 CASING SIZE & WEIGHT: 5 1/2 15 1/2 lb  
 CASING DEPTH: 2468 DRILL PIPE: \_\_\_\_\_ TUBING: \_\_\_\_\_ OTHER: \_\_\_\_\_  
 SLURRY WEIGHT: 15.25 SLURRY VOL: 34 WATER gal/sk: 7.0 CEMENT LEFT IN CASING: 18 # Show It.  
 DISPLACEMENT: 58 3/4 bbl DISPLACEMENT PSI: 900 MIX PSI: 0 RATE: 5 bbls/hr

REMARKS: hooked up to 5 1/2 Csg - Broke circulation Pumped 5 bbls Freshwater.  
500 gals Mud Flush - 5 bbls Freshwater - Mixed 150 lbs TRUCK-SET +  
5 lbs Kot-Seal per sk. Mixed Pump @ Press Displaced Plug with Fresh  
water - Cement Turned Shoe with 5 1/2 bbls Displacement per LAMBERT  
Plug with 58 3/4 bbls at 1400 lbs - Released float h/d set 220  
Completed -

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	975.00	975.00
		MILEAGE		N/C
1126A	150	SKS TRUCK-SET	18.30	2745.00
1110A	750	lbs Kot-Seal	.44	330.00
1144G	500	gals W100 Mud Flush	1.05	525.00
5407	1	Bulk Delivery	330.00	330.00
4159	1	5 1/2 AFU Float Shoe	344.00	344.00
4454	1	5 1/2 Latch-Down Plug	254.00	254.00
4104	2	5 1/2 Cement Baskets	229.00	458.00
4130	6	5 1/2 CENTRAL PARTS	48.00	288.00
<del>3000</del> 4130	1	5 1/2 OHEAD	205.00	205.00
		Subtotal		6454.00
		SALES TAX		381.21
		ESTIMATED TOTAL		6191.21

Rev'n 8737

AUTHORIZATION: Crazy Gents TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

# GEOLOGICAL REPORT

Vess Oil Corporation

Wilson A #443

2050' FSL & 2640' FWL Section 9-T25S-R5E

Butler County, Kansas

COMMENCED: 11-09-11	STATUS: Oil
COMPLETED: 11-13-11	A.P.L.#: 15-015-23921
CONTRACTOR: C & G Drilling, Inc.	OPERATOR LIC.: 5030
SIZE OF HOLE: 7 7/8"	FIELD: El Dorado
SURFACE PIPE: 8 5/8"	ELEVATION: 1371 K.B.
CEMENTED WITH: N/A	LOGS: CNL/CDL, DIL, MEL
LONG STRING: 5 1/2"	MUD SYSTEM: Chemical
CEMENTED WITH: N/A	OTHER:
R.T.D.: 2469'	

Production Dept.  
File Copy

William M. Stout

*W.M. Stout  
11-11-11*

## FORMATION TOPS

1365 G.L. 1371 K.B.

	<u>Sample</u>	<u>Log</u>
Admire '550'	559 +812	561 +810
Burlingame	832 +539	834 +537
Topeka	1087 +284	1088 +283
Heebner	1430 -59	1431 -60
Lansing	1714 -343	1715 -344
Kansas City	1989 -618	1990 -619
Hepler	2236 -856	2233 -853
Cherokee	2352 -981	2352 -981
Viola	2467 -1096	NDE
Total Depth	2469 -1098	2469 -1098

## SAMPLE SHOW DESCRIPTIONS

Admire 559' (+812)  
568' - 578'

Sandstone - gray, fine grain, argillaceous, micaceous, some brown stain, slight show free oil, poor porosity, fair fluorescence.

White Cloud 921' (+450)  
931' - 948'

Sandstone - light brown, fine grain, micaceous, calcareous, argillaceous, no odor, light stain, no show free oil, poor porosity, scattered fluorescence.

Douglas Sand 1491' (-120)  
1491' - 1506'

Sandstone - light gray, fine grain, calcareous, some argillaceous, faint odor, scattered stain, slight show free oil, poor porosity, scattered fluorescence.

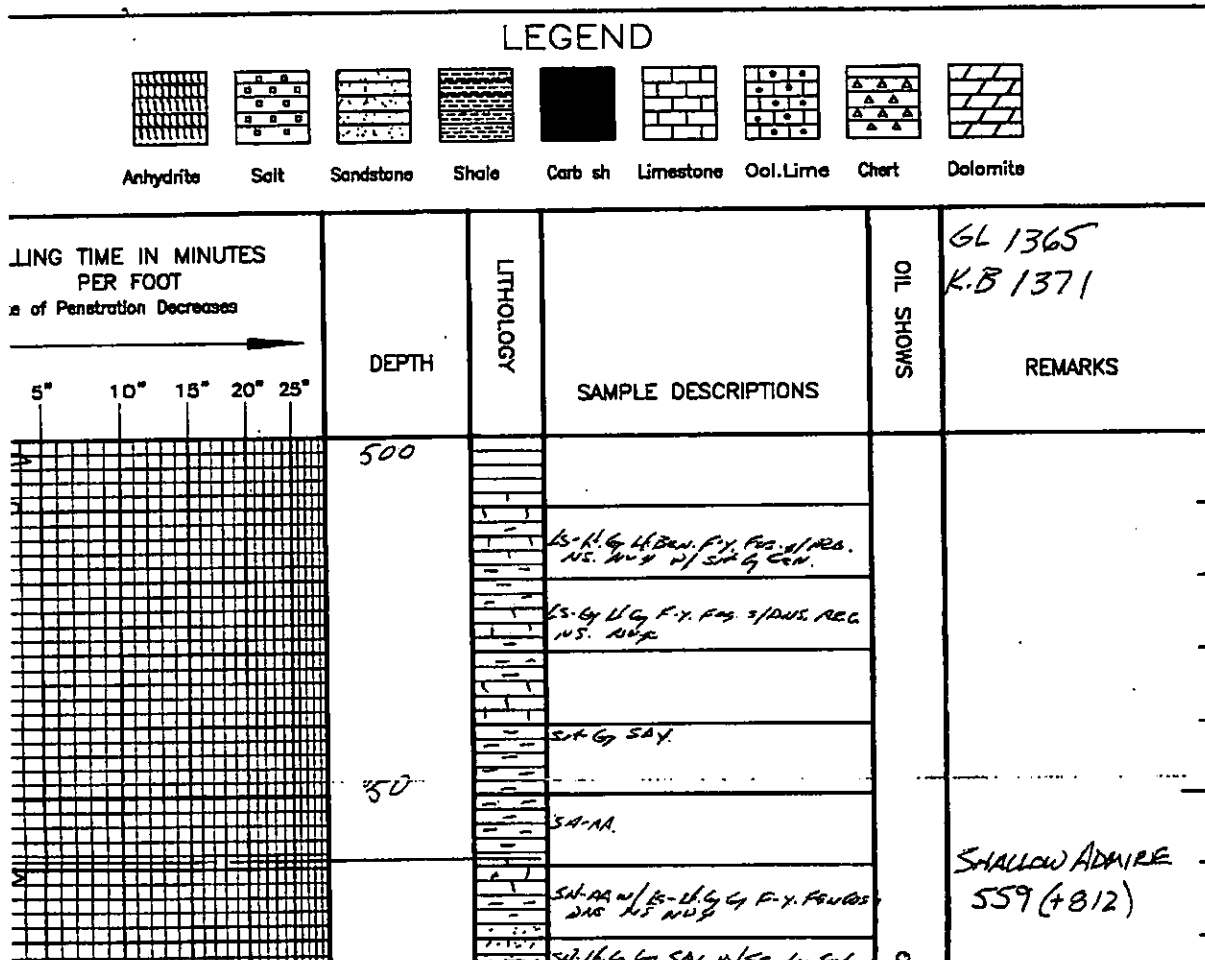
Lansing 1714' (-343)  
1752' - 1760'

Limestone - light brown, brown, fine to medium crystalline, fossiliferous, some

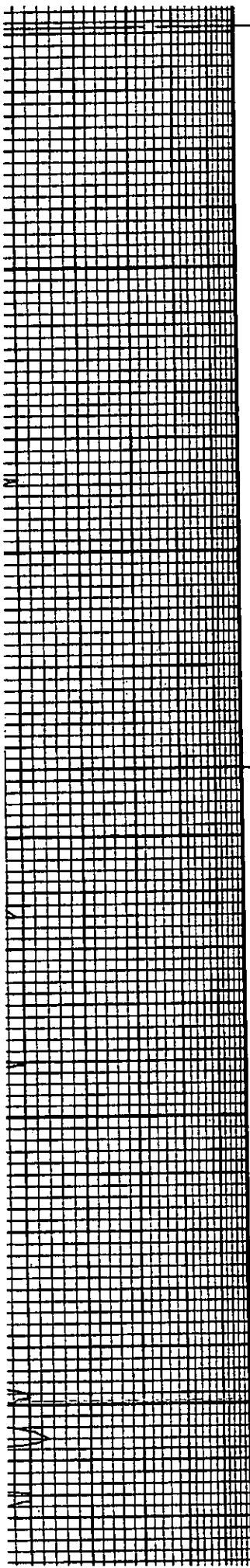
- 1491' - 1506'  
Sandstone - light gray, fine grain, calcareous, some argillaceous, faint odor, scattered stain, slight show free oil, poor porosity, scattered fluorescence.
- Lansing 1714' (-343)  
1752' - 1760'  
Limestone - light brown, brown, fine to medium crystalline, fossiliferous, some cherty, chalky, scattered large calcite crystals, fair odor, scattered stain, show free oil with gas bubbles, scattered intercrystalline and vugular porosity, dull fluorescence.
- Kansas City 1989' (-618)  
2000' - 2010'  
Limestone - light brown, light gray, fine to medium crystalline, some dense, fossiliferous, faint odor, scattered stain, very slight show free oil, scattered intercrystalline porosity with fluorescence.
- Hepler Sand 2236' (-865)  
2236' - 2261'  
Sandstone - light green to light brown, fine grain, calcareous, argillaceous, plenty of loose grains, good odor, brown stain, show free oil, fair porosity, good fluorescence.
- Viola 2467' (-1096)  
2467' - 2469'  
Dolomite - light brown, fine crystalline, sucrosic, friable, strong odor, saturated brown stain, good show free oil with gas bubbles, good fluorescence, intercrystalline porosity, with some dolomite, gray, dense, and chert, white, gray.

### CONCLUSIONS

The decision was made to set 5 1/2" casing to further evaluate the shows of oil through perforations.







600

50

700

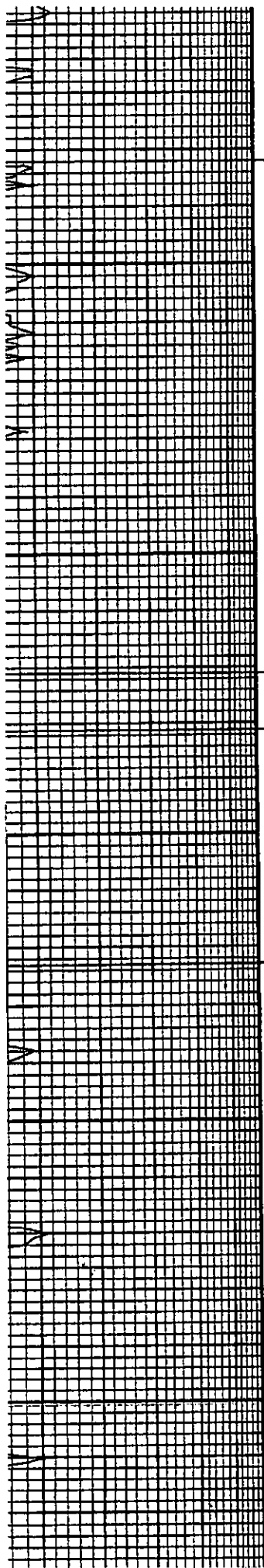
50

800

SH-AA w/LS-LG GY F-X FOS/DAS NS NUP
SH-LG GY SAY w/SS-LG F-G REC. MILA. N. E. BAR. BAN STN. SFCO P. P. P. FLUOR. 10:20
SH-DCG GY
LS-LG P-X DAS. REC. NS. NUP w/SH-LG.
LS-LG P-X FOR. DAS. N.S. NY
SH-LG GY CAN.
SH-LG CAN. w/LAC. SAY. N. E.
SH-LG GY CAN.
SH-AA w/LS-LG GY F-X DAS. FOS. NS. NUP
SH-LG CAN. SFCO w/LS-LG.
SH-LG CAN. EGA.
SH-LG GY SAY. MILA. NS.
SH-LG CAN. RAO.
SH-LG SFCO SAY. MILA. SFCO. NS.
SH-LG.
LS-BEN. F-X FOR. DAS. NS NUP
LS-AA w/SH-LG CAN.
SH-LG DCG CAN.
LS-L. BAN. BEN. F-X FOR. SFCO DAS. INFC. NS. NUP w/SH-AA.
LS-AA w/SH-LG RAO.
SH-LG GY w/LS-LG GY F-X DAS. NS. NUP
SH-LS-AA.
LS-BEN. GY F-X DAS. FOR. NS. NUP w/SH-LG GY.
LS-BEN. LS-BEN. F-X FOR. DAS. NS. NUP w/SH-LG GY.
LS-SH-LG.
SH-LG.

SHALLOW ADMIRE  
559 (+812)

ADMIRE ZONE  
688 (+683)



50

900

50

1000

50

NS. NIP W/STY GR. BRN.
LS: SA G.
SM G.
SA. ALG. N/LS. CH. BRN. F.Y. Fos. LVS. NS. NUP
LS. H. BRN. F.Y. Fos. S/CHEK NS. EXD
LS. H. BRN. OFF WHT. F.Y. S/DNS. Fos. S/CHEK NS. PERD
SA. G. DEX G.
SA. G. W/LS BRN. F.Y. Fos. D.Y. NS. NUP
SA. G. BRN. COLL.
S.T. AA.
SA. G. DK G. S/Y.
LS. BRN. F.Y. Fos. D.Y. NS. NUP
SA. G. BRG.
SA. ALG. W/LS. BRN. F.Y. NS. BRN. F.Y. Fos. D.Y. NS. NUP
SA. ALG. W/LS. BRN. F.Y. NS. BRN. F.Y. Fos. D.Y. NS. NUP
SA. ALG. W/LS. BRN. F.Y. NS. BRN. F.Y. Fos. D.Y. NS. NUP
SA. G. BRG.
LS. BRN. F.Y. Fos. D.Y. NS. NUP
LS. BRN. F.Y. Fos. D.Y. NS. NUP
SA. G. W/LS BRN. F.Y. NS. NUP
SA. W. M. G.
LS. BRN. F.Y. Fos. D.Y. NS. NUP
SA. G. W/LS BRN. F.Y. NS. NUP
SA. G. BRG.
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SA. G. BRG.
SA. G. W/LS BRN. F.Y. NS. NUP

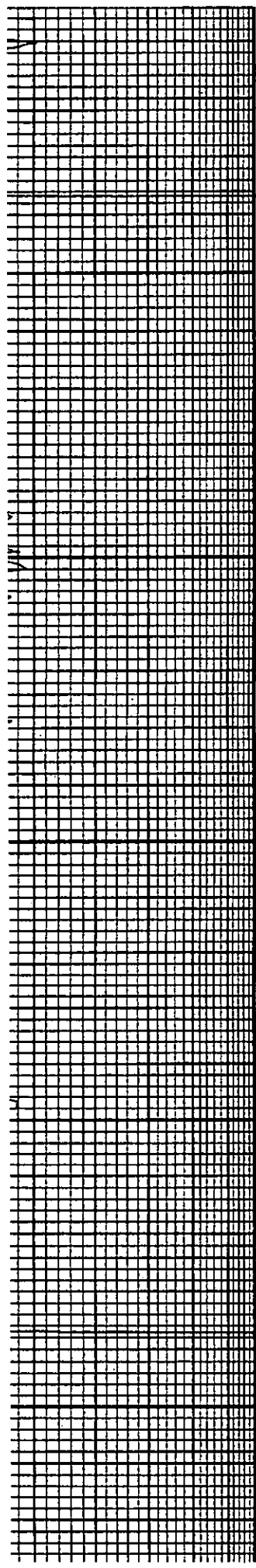
BURLINGAME  
832 (+539)

7:00 AM 11-10-11

WHITE CLOUD  
921 (+450)

SAND  
931 (+440)

HOWARD  
973 (+398)



1100

50

1200

50

1300

SA G S/GW.

SA G S/GW.

LS-LI. BEN. L.G. F-X. S/DNS.  
POS. AGS. IN PR. NS. NAVY

LS-AN. W/FORM T. S/D NS.

LS-LI. BEN. BEN. F-Y. POS. DNS.  
NS. NAVY W/SA G.

SN G G/BW

LS-BEN. G. AG. F-X. POS. DNS.  
S/DNS. NS. NAVY

LS-LI. BEN. BEN. F-Y. POS. S/DNS.  
NS. NAVY W/SA G.

SO G G/AN. S.C. S/D

LS-LI. BEN. BEN. F-X. POS. DNS.  
NS. NAVY W/SA G. S/DNS.  
CARR.

LS-AN. W/SA G. E.C.

LS-LI. BEN. AG. POS. POS. CARR.  
NS. NAVY

SA G G/AN. W/SA G. L. G.  
AGS. CARR. NS. POS

LS-LI. BEN. F-X. POS. S/DNS. NS.  
TO P EX

SA G.

LS-LI. BEN. BEN. F-X. POS. DNS.  
TO CNG. W/SA G. NS. NAVY

SA G H. G. W/LS-NR

SA G G. S/DNS

SA-OR

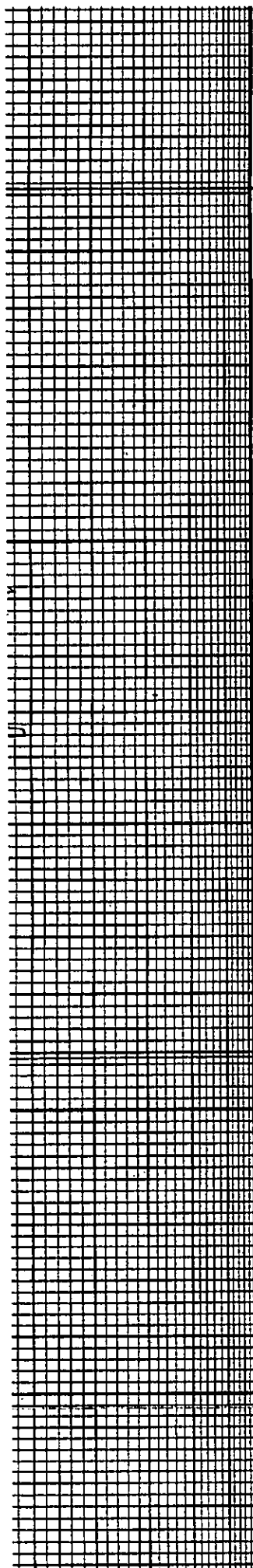
LS-LI. BEN. F-X. POS. S/DNS.  
TO P EX NS.

SA OR. BELLARD.

LS-LI. BEN. F-X. POS. S/DNS.  
TO P EX NS. NAVY

LS-LI. BEN. F-X. POS. NS. SCAN  
S/DNS

TOPEKA  
1087(1284)



	15-11. BRN. F.Y. FOR. NS. SCAR SSP
50	15-11. BRN. F.Y. SA-GY M-GY GRN S/SAY.
	SA-GY M-GY
	SA-GY M-GY FOR SAY
1400	SA-AA w/ Ls. BRN. Ls. BRN. F.Y. FOR. DAS SLICHTY NS. NUG
	15-11. BRN. F.Y. F.Y. FOR. S/SAY INCLUSIONS. NS. NUG
	15-11. BRN. F.Y. FOR. S/SAY NS. NUG
50	SA-BLECCALZ. D/GY
	SA-GY CALZ. S/GR.
	15-11. BRN. OFFWHR. F.Y. PRVGR. DAS. NS. NUG
	SA-GY D/GY GRN
1500	SA-M.W/AR SS-GY F-G CALZ NS. NUG
	SS-11. GY F-G. CALZ. S/GR. F-G. GRN. SS. GRN. SS. GRN. F-G. GRN. SS. GRN. SS. GRN.
	SS-AR. DRC MICH.
	SS-GY F-G. ARB. S/CALL. MICH. NS. F-G. W/SY. GY GRN
	SS-AR. W/SA-AR.
50	SS-GY F-G. ARB. MICH. DRC. NS. F-G
	SA-GY F-G. GRN. W/CA. MICH. SS-AR.
	SA-GY D/GY S/SAY

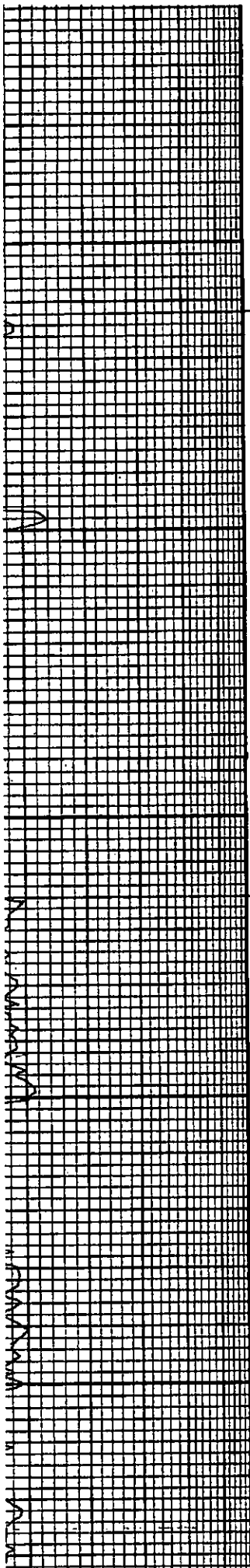
KANWAKA  
1339(+32)

OREAD  
1392(-21)

HEEBNER  
1430(-59)

DOUGLAS GROUP.  
1460(-89)

DOUGLAS SAND  
1491(-120)



1600

50

1700

50

1800

SA-GY DLBY 9/54

SA-AA

SA-AA

LS-11 BEN. BEN. P-Y DNS. POS.  
NS. NUS N/54 AA

SA-GY DLBY 1/54

SS-GY FG. CAL MICA NO.  
NS NUS N/54 G

LS-BEN LL. BEN. F-X DNS. POS.  
NS. NUS N/54 AA  
LS-LL. BEN. F-Y DNS. POS.  
NS. NUS N/54 AA  
SA-GY DLBY

SA-GY DLBY

SA-AA

SA-GY DLBY

LS-11 BEN. BEN. F-X DNS. POS.  
NS. NUS N/54 AA

LS-11 BEN. LL. GY F-Y DNS. POS.  
NS. NUS N/54 AA

LS-AA N/54 G

LS-BEN. TAN. P-UF. DNS. POS.  
NS. NUS N/54 AA

LS-11 BEN. BEN. F-X DNS. POS.  
NS. NUS N/54 AA  
SA-GY DLBY

LS-AA. S/DNS.

LS-11 BEN. LL. BEN. GY F-X DNS.  
NS. NUS N/54 AA

LS-AA.

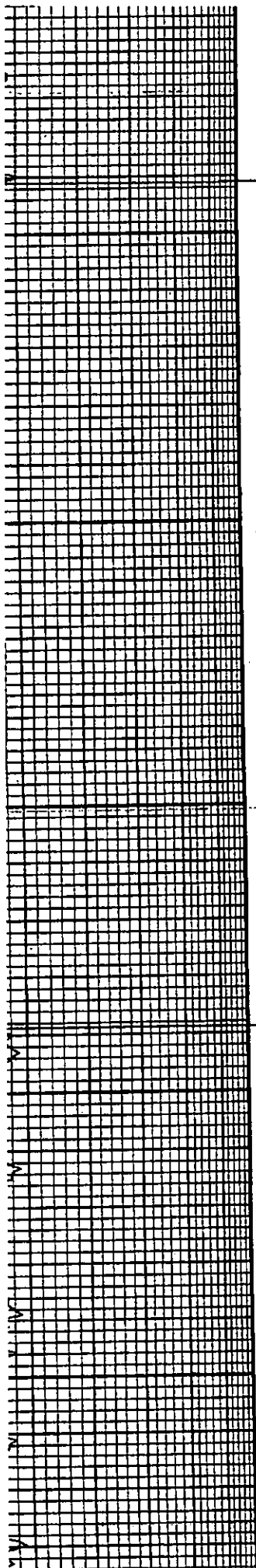
LS-11 BEN. F-X DNS. POS.  
NS. NUS N/54 AA

LS-AA

HASKELL  
1612(-241)

7:00AM 11-11-11

LANSING  
1714(-343)



50

1900

50

2000

50

LS-AA...

LS LL BEN LL G F-Y FOS. ARG.  
DNT. N.S. NUP

LS-AA w/SA G.

SA-RL G G CALL HD.

SA-AA.

SA GY M-GY CRL.

SA-AA.

SA GY. CALL. FEI.

SA-AA.

SA-AA.

SA GY.

LS-BEN GY P-Y DNTS FOS.  
N.S. NUP

LS LL BEN LL G F-M-Y FOS.  
S/ARG. PE. DDB. SCAT STU.  
YSSFO SCAT EXAM/FLOR.  
20%

LS-H BEN F-Y FOS. DNTS. CARY  
N.S. NUP

LS-L BEN F-X FOS. CARY  
N.S. SCAT EXP

LS-AA

LS-BEN LL-BEN F-X FOS. DNTS.  
S/ARG. N.S. NUP w/SA GY.

LS-L BEN F-X FOS. CARY N.S.  
P EXP

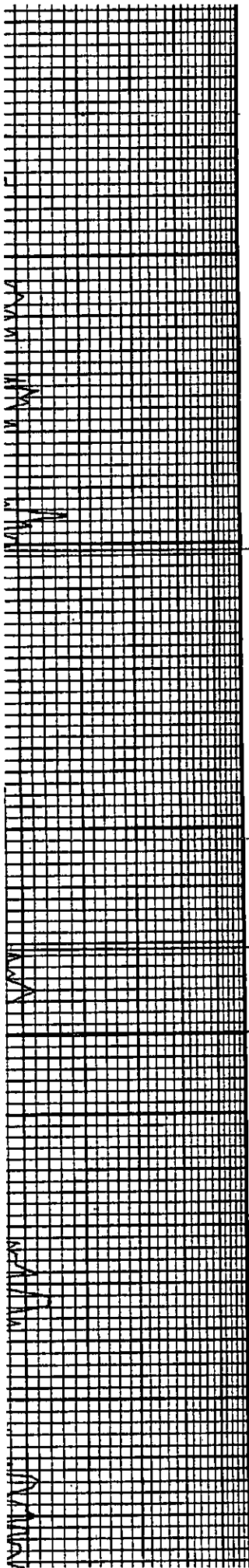
LS LL BEN LL GY F-X FOS. ARG.  
CARY SCAT COURS YEAR.  
N.S. NUP

LS-L BEN GY F-X FOS. S/ARG.  
CARY N.S. EXP

LS GY LL BEN F-M-Y FOS. ARG.

BANNER SPRINGS  
1841 (-470)

KANSAS CITY  
1989 (-618)



2100

50

2200

50

2300

LS-GRAN L.G. F-X FOS. ANS.  
CAREY SCAT COURTS XPR.  
NS. NUB

LS-LI. BRN. G. F-X FOS. S/CHY  
CAREY NS. NUB

LS-GY L.G. BRN. F-X FOS. S/CHY  
N. 6000 CE. F. STN. NS. R. G.  
TR. EXP. W/ FLO-R. 546

SN-BCK CARB. DKG.

LS-LI. BRN. L.G. F-X. FOS. ANS.  
CAREY NS. NUB

LS-BRNG. F-X. DMS. FOS. CAY  
NS. NUB N/SN-BCK CARB.  
DKG.

LS-BRNG. G. F-X. FOS. DMS. S/CHY  
NS. NUB

LS-GY W/SS. L.G. F-G. ACCORL.  
NS. NUB

LS-BRNG. DEBRN. F-X. DMS. FOS  
S/1000 S/LI. DMS. NS. NUB

SN-DKG. GY

SN-DA 1/304

SN-ANS W/SS. G. F-G. MKA  
ACC. NS. NUB

SS-LI. BRNG. F-X. MKA LGR  
S/60. NS. NUB W/SHY GY.

SS-SH 101

SN-DKG. GY SBY

LS-LI. BRN. BRN. DK. BRN. VP-FY  
NS. FOS. S/CHY S/LI. DMS.  
NS. NUB

SN-G. GRN. W/SS. L.G. BRN. F-G. GRN  
S/1000 S/LI. DMS. F-G. GRN  
LS-SPN. BRN. W/TA. F-G. GRN  
W/FLO-R.

SS-AN. W/BRN. LGR. S/60. GRN  
G. S/60

SS-LI. BRN. L.G. BRN. F-X. S/1000  
S/1000 S/LI. DMS. F-G. GRN  
G. S/60. BRN. S/60. S/60. GRN  
W/SHY GY. DKG. GRN.

LS-BRNG. BRN. F-X. VP. FOS. ANS  
CAREY, NS. NUB

LS-GR. W/SI-BK. CARB.

SN-GY. GRN.

SN-GY. GRN. BK.

LS-LI. GY. F-X. FOS. DMS. S/CHY  
NS. NUB

LS-GY. L.G. BRN. F-X. DMS. CAY.  
FENNER. NS. NUB. W/SHY GY.

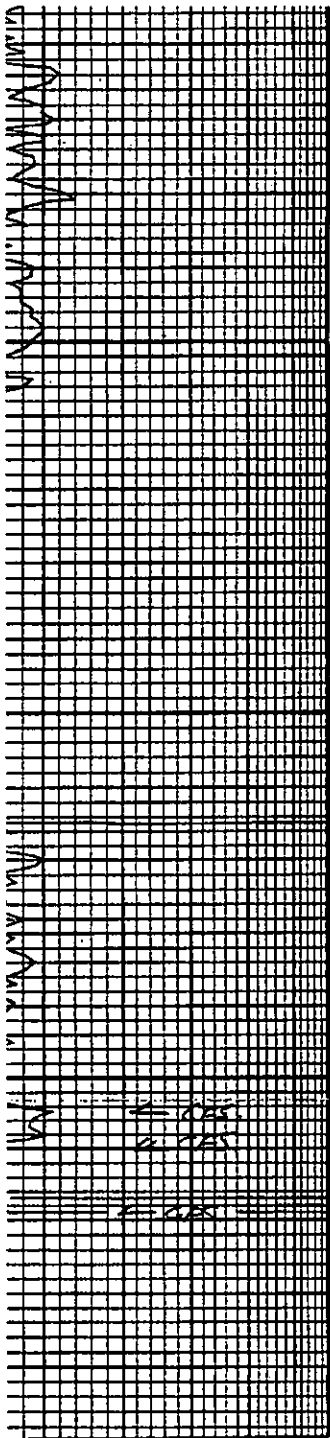
7:00 AM 11-12-11

BASE KANSAS CITY  
2151(-780)

CHECKERBOARD  
222(-850)

HEPLER SAND  
2236(-865)

ALAMONT  
2270(-899)



50

2400

50

LS-LG F.X. FOR DMS S/COR  
N.S. NUG

LS-GY. LB. BN. F.X. DMS C.M.S.  
FEM. FOR N.S. NUG N/S/CY

SN-BLCCORD N/LS-M

LS-GY. BN. LB. BN. VF-F. R. DMS  
FEM. FOR. S/C. C.M.S. N.S. NUG

LS-BN. VF-F. DMS. FEM. FOR.  
N.S. NUG N/S/CY RECORD

SN-GY. BN. S/M

SN-GY. BN. S/SCY

SN-AB

SN-BLGY BY BN.

SN-M/S/COR

SN-BLGY BY BN.

LS-BN. GY. F. VF-F. DMS FOR.  
S/C. C.M.S. N.S. NUG N/S  
S/SH-BLCCORB.

SN-BN. GY. RCO ANDER.

SN-PA.  
SN-VARICOLORAN S/PA

SN-PA N/LS. LB. BN. ANDER. VF-F.  
DMS. N.S. NUG

SN-BN. GY. S/VA. N/LS-M  
SN-BN. GY. BN. GY.

BN. LB. BN. F.X. SUC. PLANTING  
DOOR SAT. DMS. FOR. S/C. FEM. FOR.  
S/SH-BLCCORB. DMS. N/S/CY. N/LS.

VIA LMS CORN

BLENDED CORN

CNEROKEE  
2352(-981)

Admore  
2415(-1044)  
Via 46  
wt. 9.3  
2nd LLM

Viola  
2467(-1096)  
RTD  
2469(-1098)





ATTACHMENT TO ACO-1

WILSON A-443  
2000'FSL, 2640'FWL  
Sec. 9-25S-05E  
Butler County, KS

	#443 Geo Samples	#443 Log Tops
Admire 550'	559 +812 SISO	NONE
Burlingame	832 +539	834 +537
Topeka	1087 +284	1088 +283
Heebner	1430 -59	1431 -60
Lansing	1714 -343 SISO	1715 -344
Lansing Base	1841 -470	1840 -469
Kansas City	1989 -618	1990 -619
B/KC	2151 -780	2151 -780
Hepler Sand	2236 -865	2233 -853
Cherokee	2352 -981	2352 -981
Viola	2467 -1096	
PTD	2469 -1098	2469 -1098