

ORIGINAL

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 039-20,878-00-00

County DECATUR

SE NE NE Sec. 16 Twp. 2 Rge. 27 X East West

4380 Ft. North from Southeast Corner of Section

340 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name CHAMBERS "D" Well # #2

Field Name PELKY

Producing Formation KANS-CITY

Elevation: Ground 2589 KB 2594

Total Depth 3870' PBD 3870

Operator: License # 8981

Name: ADECO, INC. & CHAMBERS

Address 310 E. ASH

City/State/Zip OBERLIN, KS 67749

Purchaser: _____

Operator Contact Person: MR. LESTER CHAMBERS

Phone (913) 475-3468

Contractor: Name: RED TIGER DRILLING CO

License: 5302

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Delayed Comp.
 Gas Inj Other (Core, Water Supply, etc.)
 Dry

If OWM: old well info as follows:
Operator: _____

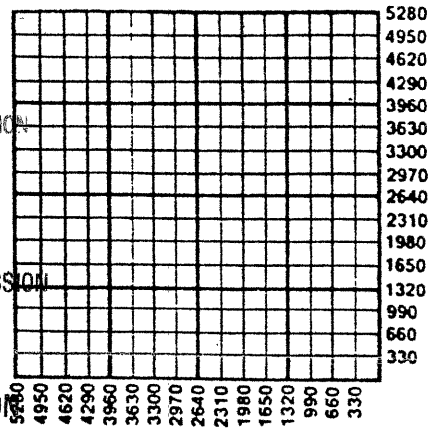
Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

10-11-91 10-20-91 10-21-91
Spud Date Date Reached TD Completion Date

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CONSERVATION DIVISION
WICHITA, KANSAS



Amount of Surface Pipe Set and Cemented at 222' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 3726

feet depth to 0 w/ 355 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

Signature Lester L. Chambers

Title Owner Date 11-8-91

Subscribed and sworn to before me this 8th day of November, 1991.

Notary Public Karen Metcalf

Date Commission Expires 12-11-92

NOTARY PUBLIC - State of Kansas
KAREN METCALF
My Appt. Exp. 12/11/92

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers TimeLog Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name ADECO, INC. & CHAMBERS Lease Name CHAMBERS "D" Well # #2
 Sec. 16 Twp. S Rge. 27 East County DECATUR
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)	<p align="center">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Leavenworth</td> <td>3347</td> <td>3351</td> </tr> <tr> <td>Toronto</td> <td>3368</td> <td>3372</td> </tr> <tr> <td>KC_A ZONE</td> <td>3384</td> <td>3390</td> </tr> <tr> <td>Polonow</td> <td>3410</td> <td>3414</td> </tr> <tr> <td>B Zone</td> <td>3420</td> <td>3424</td> </tr> <tr> <td>C Zone</td> <td>3458</td> <td>3462</td> </tr> <tr> <td>D Zone</td> <td>3488</td> <td>3500</td> </tr> <tr> <td>E Zone</td> <td>3523</td> <td>3533</td> </tr> <tr> <td>Bottom Kc</td> <td>3584</td> <td></td> </tr> <tr> <td>Granite</td> <td>3884</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Leavenworth	3347	3351	Toronto	3368	3372	KC_A ZONE	3384	3390	Polonow	3410	3414	B Zone	3420	3424	C Zone	3458	3462	D Zone	3488	3500	E Zone	3523	3533	Bottom Kc	3584		Granite	3884	
Name	Top	Bottom																																
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Bottom Kc	3584																																	
Granite	3884																																	

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 1/4"	8 5/8"	20	222	60/40POZ	135	2%GEL, 3%CC
PRODUCTION	7 7/8"	5 1/2"		3726		500	MUD FLUSH
						245	HDL
						110	EA2
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			
Leavenworth	3358--3362	4 shots-pr Ft		250gal none	1500gal ne	3358	3382
4	Toronto	3368	3372	250 15%mea	1500gal none	3469	3472
4	C zone	3458	3462	500 gal mca	750gal pad acid	750gal none	
TUBING RECORD							
Size	Set At	Packer At		Liner Run			
3625	2 3/8	3625 none		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio		Gravity	

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval _____



HALLIBURTON SERVICES

ORIGINAL

INVOICE

A Halliburton Company

INVOICE NO.	DATE
163472	10/21/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
CHAMBER 2 D		DECATUR		KS	ADECO INC.	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
OBERLIN		RED TIGER DRG.		CEMENT PRODUCTION CASING		10/21/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
006665	D. JULLY			COMPANY TRUCK	24229	

ADECO INC
310 E ASH
OBERLIN, KS 67749

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	14	MI	2.60	36.40
001-016	CEMENTING CASING	3627	FT	1,240.00	1,240.00
030-016	CEMENTING PLUG SW ALUM TOP	5	1/2 IN	50.00	50.00 *
018-315	MUD FLUSH	500	GAL	.55	275.00
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	105.00	105.00 *
825.	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	83.00	83.00 *
24A	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00 *
815.19251	CENTRALIZER 5-1/2" MODEL S-4	6	EA	44.00	264.00 *
27	CEMENT BASKET 5 1/2"	2	EA	90.00	180.00 *
815.19311	STANDARD CEMENT	160	SK	6.75	1,080.00 *
40	POZMIX A	85	SK	3.90	331.50 *
807.93022	HALLIBURTON-GEL 2% STATE CORPORATION COMMISSION	5	SK	.00	N/C *
320	HALLIBURTON-GEL ADDED 8%	17	SK	14.75	250.75 *
800.8883	GILSONITE BULK	1715	LB	.35	600.25 *
504-308	ECONOLITE	426	LB	.90	383.40 *
506-105	FLOCELE	61	LB	1.30	79.30 *
506-121	STANDARD CEMENT	110	SK	6.75	742.50 *
507-277	CAL SEAL	5	SK	19.70	98.50 *
508-291	SALT	476	LB	.10	47.60
507-285	HALAD-322	41	LB	6.15	252.15 *
507-210	D-AIR 1, POWDER	26	LB	2.95	76.70 *
504-308	HALLIBURTON GEL - 100 LB.	2	SK	14.75	29.50 *
508-127	SALT	100	LB	.10	10.00
509-968	BULK SERVICE CHARGE	441	CFT	1.15	507.15 *

***** CONTINUED ON NEXT PAGE *****

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CONSERVATION DIVISION
WICHITA, KANSAS

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LEGAL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



HALLIBURTON SERVICES

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

INVOICE NO.	DATE
163472	10/21/1991

WELL LEASE NO./PLANT NAME CHAMBERLAIN D		WELL/PLANT LOCATION DECATUR		STATE KS	WELL/PLANT OWNER ADECO INC.
SERVICE LOCATION OBERLIN		CONTRACTOR RED TIGER DRLG.	JOB PURPOSE CEMENT PRODUCTION CASING		TICKET DATE 10/21/1991
ACCT. NO. 006665	CUSTOMER AGENT JOEY	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 24229

ADECO INC
310 E ASH
OBERLIN, KS 67749

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
500-306	MILEAGE CMTG MAT DEL OR RETURN	247.66	TMI	0.80	198.13 *
INVOICE SUBTOTAL					6,950.83
DISCOUNT - (BID)					1,042.57-
INVOICE BID AMOUNT					5,908.26
*- KANSAS STATE SALES TAX					192.98
*- DECATUR COUNTY SALES TAX					45.40
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$6,146.64

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WICHITA, KANSAS

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT. CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

HALLIBURTON SERVICES ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
163421	10/11/1991

INVOICE

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
CHAMBER 2		DECATUR		KS	ADECO
SITE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
OBERLIN		RED TIGER	CEMENT SURFACE CASING		10/11/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
006665	MAX			COMPANY TRUCK	23773

ADECO INC
310 E ASH
OBERLIN, KS 67749

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	14	MI	2.60	36.40
		1	UNT		
001-016	CEMENTING CASING	222	FT	475.00	475.00
		1	UNT		
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8	5/8 IN	90.00	90.00
		1	EA		
504-308	STANDARD CEMENT	81	SK	6.75	546.75
506-1	POZMIX A	54	SK	3.90	210.60
506-1	HALLIBURTON GEL 2%	2	SK	.00	N/C
509-4	ANHYDROUS CALCIUM CHLORIDE	4	SK	26.25	105.00
500-207	BULK SERVICE CHARGE	143	CFT	1.15	164.45
500-306	MILEAGE CMTG MAT DEL OR RETURN	85.12	TMI	.80	68.10
INVOICE SUBTOTAL					1,696.30
DISCOUNT-(BID)					254.43
INVOICE BID AMOUNT					1,441.87
* KANSAS STATE SALES TAX					39.55
* DECATUR COUNTY SALES TAX					9.31
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INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,490.73

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT. CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

ORIGINAL

Galloway
PETROLEUM
CONSULTANTS

360 Broadway Plaza
105 S. Broadway
Wichita, Kansas 67202
(316) 267-7355

Casey F. Galloway
Petroleum Geologist

GEOLOGICAL REPORT

ADECO, INC. & LESTER CHAMBERS

CHAMBERS "D" #2

4380' FSL 340' FEL

SECTION 16-2S-27W

DECATUR COUNTY, KANSAS

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CONSERVATION DIVISION
WICHITA, KANSAS

ORIGINAL

Galloway
PETROLEUM
CONSULTANTS

360 Broadway Plaza
105 S. Broadway
Wichita, Kansas 67202
(316) 267-7355

Casey F. Galloway
Petroleum Geologist

November 11, 1991

GEOLOGICAL REPORT

ADECO, INC. & LESTER CHAMBERS

CHAMBERS "D" #2

4380' FSL 340' FEL

SECTION 16-2S-27W

ELEVATION: 2525' Kelly Bushing
2523' Derrick Floor
2520' Ground Level
Measurements are all from Kelly Bushing

CONTRACTOR: Red Tiger Drilling Co., Rig #7

WELLSITE GEOLOGIST: Casey F. Galloway

COMMENCED: 10/11/91

COMPLETED: 10/21/91

R.T.D. 3870'

L.T.D. 3870'

SURFACE PIPE: 8-5/8" at 222' with 135 sacks

PRODUCTION: 5-1/2" at 3626' with 355 sacks

HOLE SIZE: 12-1/4" surface to 225'
7-7/8" 225' to R.T.D

ELECTRICAL LOG: Petro-Jet: Gamma Ray-Neutron-Guard
-Caliper

GENERAL INFORMATION: Samples were saved and examined from 3000' to 3870' Rotary Total Depth. Drilling time was kept from 3000' to 3870'. Drilling was supervised by Geologist from 3100' to 3870'. Mud up at 2900'; type mud was Chemical.

ORIGINAL

Chambers "D" #2
Adeco, Inc. & Lester Chambers

Page 2

FORMATIONS	LOG		SAMPLE		STRUCTURAL COMPARISON
	TOP	DATUM	TOP	DATUM	
ANHYDRITE	2051	(+474)	2055	(+470)	+39
TOPEKA	3220	(-695)	3220	(-695)	+49
OREAD	3324	(-799)	3322	(-797)	+45
HEEBNER	3340	(-815)	3342	(-817)	+54
TORONTO	3368	(-843)	3368	(-843)	+50
LANSING	3384	(-859)	3386	(-861)	+65
B/KANSAS CITY	3580	(-1055)	3580	(-1055)	+57
ARBUCKLE	3797	(-1271)	3794	(-1269)	+50
GRANITE	3846	(-1321)	3846	(-1321)	+92

Reference well or Structural comparison: Adeco, Inc. & Lester Chambers
Chambers "D" #1, SE/4 SW/4 SW/4 Section 16-2s-27w.

CHRONOLOGICAL HISTORY:

<u>Date</u>	<u>Depth</u>	<u>Remarks</u>
10-11-91	0	Spud at 8 a.m., set 8-5/8" at 222' with 135 sacks, plug down 3 p.m.
10-12-91	1059'	Drilling
10-13-91	1978'	Drilling/Lost Circulation at 1978'
10-14-91	2622'	Drilling/Lost Circulation at 2540'
10-15-91	2957'	Drilling
10-16-91	3330'	DST #1 3343-3397
10-17-91	3402'	DST #2 3398-3436
10-18-91	3481'	DST #3 3437-3481
10-19-91	3600'	DST #4 3484-3536
10-20-91	3700'	Drilling
10-21-91	3870'	R.T.D., Ran Petro-Jet Log, Ran 87 joints new 5-1/2" 14# casing, tallied 3621' set at 3626' with 355 sacks. Plug Down 1 p.m.

DRILL STEM TESTS:

<u>No</u>	<u>Interval</u>	<u>IFP/Time</u>	<u>ISIP/Time</u>	<u>FFP/Time</u>	<u>FSIP/Time</u>	<u>IHH-FHH</u>
1	3343-3397	96-144/30	1104/60	173-221/45	1085/60	1747-1727
	Recovery: 480' Gas in pipe, 300' Clean Gassy Oil, 240' Mud cut Oil.					
2	3398-3436	86-96/30	990/60	134-163/45	923/60	1698-1669
	Recovery: 50' Oil cut Mud, 230' Muddy Water.					
3	3437-3481	67-76/30	1000/60	96-105/45	932/60	1708-1689
	Recovery: 50' Mud cut Oil, 120' Clean Gassy Oil.					
4	3484-3536	M I S R U N / P A C K E R F A I L U R E				

ORIGINAL

Chambers "D" #2
Adeco, Inc. & Lester Chambers

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BIT RECORD:

<u>No</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>Depth Out</u>	<u>Feet</u>	<u>Hours</u>
S	12-1/4"	Rerun	S-33-S	225'	225'	2-1/2
1	7-7/8"	W/M	DT	1413'	1188'	7-1/4
2	7-7/8"	W/M	V-527B	3870'	2457'	118

MUD RECORD:

<u>Chk</u>	<u>Depth</u>	<u>Wt</u>	<u>Vis</u>	<u>Fil</u>	<u>PH</u>	<u>PV</u>	<u>YP</u>	<u>Gels</u>	<u>Chl</u>	<u>Solids</u>
1	200	N A T I V E &			S P U D	M U D				
2	2060	8.9	37	---	7.5	---	---	---	1100	4.3%
3	2695	9.1	31	---	7.0	1	2	1/2	1800	5.4%
4	3025	9.1	39	7.2	11.0	8	12	6/16	1700	5.5%
5	3390	9.3	39	9.2	10.5	12	10	8/22	1500	7.0%
6	3418	9.1	38	8.0	9.0	12	12	10/24	1100	5.5%
7	3481	9.1	44	8.0	9.5	16	14	12/22	1100	5.5%
8	3565	9.0	42	8.4	9.0	14	14	10/26	1100	4.8%
9	3767	9.2	48	9.2	9.0	18	16	14/32	900	6.2%
10	3870	Rotary Total Depth/No Mud Check								
		Final Mud Cost \$5,329.24								

GEOLOGICAL FORMATIONS AND POROSITY ZONES

A detailed lithological log was maintained from 3300 feet to 3870 feet, Rotary Total Depth. The following are formation tops, recoveries of drill stem tests, descriptions of reservoirs containing shows of oil and descriptions of reservoirs felt pertinent for the accumulation of hydrocarbons in the area. The depths are interpolated from drillers measurements and measured from the Kelly Bushing.

ANHYDRITE SP 2055 (+470)
EL 2051 (+474)

SEVERY SP 3204 (-679)
EL 3204 (-679)

SP-3210-3218
EL-3208-3214 Sandstone: gray, fine grained, rounded, poorly sorted, slightly chalky, friable, fair to poor intergranular porosity, no shows of oil.

TOPEKA SP 3220 (-695)
EL 3220 (-695)

SP-3224-3232
EL-3226-3236 Limestone: buff to white, fine crystalline, chalky, fossiliferous, with crinoids, fusilinids, and some brachiopods, fair interfossiliferous and vugular porosity, no shows of oil.

ORIGINAL

Chambers "D" #2
Adeco, Inc. & Lester Chambers

Page 4

SP-3290-3300
EL-3288-3298

Limestone: buff, fine crystalline, slightly fossiliferous, with some crinoids and fusilinids, some secondary recrystallization, poor to fair intercrystalline porosity, no shows of oil.

OREAD

SP 3322 (-797)
EL 3324 (-799)

SP-3322-3330
EL-3324-3332

Limestone: buff to white, fine to very fine crystalline, fossiliferous, with crinoids, fusilinids, and some brachiopods, fair interfossiliferous and pin point porosity, one piece with black gilsonitic stain, no show of free oil, no odor, no fluorescence, no cut.

HEEBNER

SP 3342 (-817)
EL 3340 (-815)

LEAVENWORTH

SP 3347 (-822)
EL 3346 (-821)

SP-3347-3352
EL-3346-3350

Limestone: gray, fine to very fine crystalline, fossiliferous, with abundant microfossils and oolites, fair interfossiliferous, interoolitic and vugular porosity, fair brown oil stain, fair show live brown free oil, slight odor fair fluorescence, good cut. Tested this zone see DST #1, due to the test results it is recommended that this zone be further tested for possible commercial production.

TORONTO

SP 3368 (-843)
EL 3368 (-843)

SP-3368-3375
EL-3368-3375

Limestone: gray to buff, fine to very fine crystalline, fossiliferous, with some crinoids and fusilinids, oolitic, fair to poor interfossiliferous and interoolitic porosity, poor to fair brown oil saturated stain, poor show live brown gassy free oil, slight odor, poor fluorescence, fair cut. Tested this zone see DST #1, due to the test results it is recommended that this zone be further tested for possible commercial production.

LANSING

SP 3386 (-861)
EL 3384 (-859)

SP-3386-3394
EL-3384-3392

Limestone: white to buff, very fine crystalline, slightly chalky, slightly fossiliferous, poor intercrystalline porosity, no shows of oil.

ORIGINAL

Chambers "D" #2
Adeco, Inc. & Lester Chambers

Page 5

DRILL STEM TEST #1

3343-3397

Initial Flow	30 Minutes
Initial Shut In	60 minutes
Final Flow	45 Minutes
Final Shut In	60 Minutes
Strong blow, off the bottom of the bucket	
15 minutes both flow periods	
Recovered:	480' Gas in pipe
	300' Clean Gassy Oil
	API Gravity: 32.5 @ 62 F
	240' Mud cut Oil
	(75% oil, 25% mud)
Initial Shut In Pressure	1104 / 60 Minutes
Final Shut In Pressure	1085 / 60 Minutes
Flow Pressures	96-144 / 173-221
Bottom Hole Temperature	104

Pollnow

SP-3410-3415

EL-3410-3414

Limestone: buff, fine to very fine crystalline, fossiliferous, with crinoids and fusulinids, fair interfossiliferous, pin point and vugular porosity, fair brown oil saturated stain, fair show live brown free oil, slight odor, fair fluorescence, good cut. Tested this zone, see DST #2, due to test results, judged this zone to be of no commercial value.

B zone

SP-3421-3428

EL-3420-3425

Limestone: buff, fine to very fine crystalline, fossiliferous, with crinoids and fusulinids, fair interfossiliferous and pin point porosity, poor intercrystalline porosity, fair brown oil saturated stain, fair show live brown free oil, good odor, fair fluorescence, good cut. Tested this zone, see DST #2, test results were negative, but due to the electric log calculations, it is recommended that this zone be perforated and further tested prior to abandonment.

DRILL STEM TEST #2

3398-3436

Initial Flow	30 Minutes
Initial Shut In	60 minutes
Final Flow	45 Minutes
Final Shut In	60 Minutes
Fair blow both flow periods	
Recovered:	50' Oil Cut Mud
	(5% oil, 95% mud)
	230' Muddy Water
Initial Shut In Pressure	990 / 60 Minutes
Final Shut In Pressure	923 / 60 Minutes
Flow Pressures	86-96 / 134-163
Bottom Hole Temperature	105

ORIGINAL

Chambers "D" #2
Adeco, Inc. & Lester Chambers

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C zone

SP-3457-3464

EL-3458-3462

Limestone: white, fine to very fine crystalline, fossiliferous, with abundant microfossils and oolites, fair interfossiliferous interoolitic and vugular porosity, fair brown oil saturated stain, fair to poor show live brown gassy free oil, fair odor, poor fluorescence, poor cut. Tested this zone see DST #3, due to the test results it is recommended that this zone be further tested for possible commercial production.

DRILL STEM TEST #3

3437-3481

Initial Flow	30 Minutes
Initial Shut In	60 minutes
Final Flow	45 Minutes
Final Shut In	60 Minutes
Fair to Strong blow 15 " in the bucket both flow periods	
Recovered:	60' Gas in pipe 120' Clean Gassy Oil API Gravity: 33 @ 62 F 50' Mud cut Oil (60% oil, 40% mud)
Initial Shut In Pressure	1000 / 60 Minutes
Final Shut In Pressure	932 / 60 Minutes
Flow Pressures	67-76 / 96-105
Bottom Hole Temperature	110

D zone

SP-3486-3492

EL-3487-3490

Limestone: white to gray, fine to very fine crystal line, fossiliferous, with abundant crinoid stems, poor interfossiliferous and intercrystalline porosity, poor brown oil stain, trace of live brown free oil, no odor, dull fluorescence, no cut. Attempted to test this zone with DST #4, misrun. Due to oil show in rotary cuttings and electric log calculations, it is recommended that this zone be perforated and further tested prior to abandonment.

E zone

SP-3520-3528

EL-3522-3526

Limestone: white to gray, fine to very fine crystal line, fossiliferous, with abundant microfossils and crinoid stems, fair interfossiliferous, vugular and pin point porosity, fair to poor brown oil saturated stain, poor to fair show of live brown free oil, no odor, dull fluorescence, poor cut. Attempted to test this zone with DST #4, misrun. Due to oil show in rotary cuttings and electric log calculations, it is recommended that this zone be perforated and further tested prior to abandonment.

ORIGINAL

Chambers "D" #2
Adeco, Inc. & Lester Chambers

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F zone

SP-3548-3554
EL-3549-3554

Limestone: buff, very fine crystalline, with abundant shale partings along fracture planes, poor to fair fracture porosity, poor intercrystalline porosity, no show of oil.

G zone

SP-3570-3575
EL-3570-3575

Limestone: buff to gray, very fine crystalline, tight, slightly chalky, some secondary recrystallization, shaly, poor intercrystalline porosity, no shows of oil.

B/KANSAS CITY

SP 3580 (-1055)
EL 3580 (-1055)

SP-3584-3594
EL-3587-3596

Sandstone: gray, fine grained, subrounded, poorly sorted, friable to tight, with loose large quartz grains, poor to fair intergranular porosity, no shows of oil, no fluorescence, no cut.

SP-3762-3772
EL-3762-3770

Sandstone: clear, fine to medium grained, subrounded, poorly sorted, friable to tight, shaly, dolomitic, poor to fair intergranular porosity, no shows of oil, no fluorescence.

ARBUCKLE

SP 3794 (-1269)
EL 3797 (-1272)

SP-3794-3800
EL-3797-3805

Dolomite, tan, medium crystalline, dense, tight, poor intercrystalline porosity, no shows of oil.

SP-3816-3830
EL-3816-3830

Dolomite, tan to light buff, medium to fine crystalline, dense, tight, poor intercrystalline porosity, no shows of oil.

GRANITE

SP 3846 (-1321)
EL 3846 (-1321)

SP-3846-3870
EL-3846-3870

Granite: pink, with abundant feldspar, quartz and biotite, very dense, abundant fractures, no visible intercrystalline porosity, no shows of oil.

ROTARY TOTAL DEPTH 3870 (-1345)

ELECTRIC LOG TOTAL DEPTH 3870 (-1345)

PETRO-JET: GAMMA RAY-NEUTRON-GUARD-CALIPER

SET 5-1/2" CASING AT 3626' WITH 355 SACKS

ORIGINAL

Chambers "D" #2
Adeco, Inc. & Lester Chambers

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REMARKS AND RECOMMENDATIONS:

This well ran 47 feet high on the Oread and 65 feet high on the Lansing to Adeco, Inc's Chambers "D" #1 located in the SE/4 SW/4 SW/4 Section 16-2s-27w.

Due to the high structural position, the results of DST #1 and #3, and the Electric Log calculations, it is recommended that 5-1/2" casing be set and that the following zones be perforated and further tested for possible commercial production.

Leavenworth	3347-3350
Toronto	3368-3373
Lansing "C" Zone	3458-3461
Lansing "B" Zone	3421-3424 (Prior to Abandonment)
Lansing "D" Zone	3487-3490 (Prior to Abandonment)
Lansing "E" Zone	3522-3524 (Prior to Abandonment)

All of the above are Electric Log Depths.

Respectfully Submitted,

Casey F. Galloway

ORIGINAL

COMPANY Chambers FARM Chambers WELL NO. 2-10
 SEC. TWP. RGE. LOC. COUNTY Decatur STATE MS
 CONTRACTOR Mad Tiger Rigging SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 6 1/2 LENGTH STROKE 14"

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3000	8:54		
	57	3	
	9:00	3	
	03	3	
	06	3	
05	10	4	
	14	4	
	20	6	
	25	5	
	30	5	
10	33	3	
	36	3	
	39	3	
	42	3	
	46	4	
15	49	3	
	53	4	
	57	4	
	10:02	5	
	07	5	CONN
20	11:14	2	
	18	4	
	23	5	
	27	4	
	30	3	
25	33	3	
	35	2	
	37	2	
	41	4	
	44	3	
30	48	4	
	51	3	
	56	5	
	11:00	4	
	03	3	
35	07	4	
	10	3	
	12	2	
	15	3	
	18	3	
40	22	5	
	25	3	
	29	4	
	32	3	
	34	2	
45	36	2	
	38	2	
	40	2	
	43	3	
	47	4	
3050	50	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3050	10:50		
	51	2	CONN
	10:58		
	02	2	
	04	2	
55	06	2	
	09	3	
	12	3	
	15	3	
	17	3	
60	19	2	
	20	1	
	21	1	
	25	4	
	28	3	
65	31	3	
	34	3	
	36	2	
	39	3	
	43	4	
70	46	3	
	49	3	
	51	2	
	53	2	
	56	3	
75	59	3	
	11:02	3	
	05	3	
	07	2	
	10	3	
80	12	2	
	15	3	
	18	3	CONN
	10:25	2	
	29	4	
85	33	4	VIS 40
	37	4	W.T 9.1
	40	3	L.C.M #4
	44	4	
	47	3	
90	49	2	
	52	3	
	54	2	
	56	2	
	59	3	
95	2:03	4	
	06	3	
	11	5	
	15	4	
	19	4	
3100	23	4	

RECEIVED
 STATE CORPORATION COMMISSION
 DEC 30 1991
 CONSERVATION DIVISION
 WICHITA, KANSAS

ROTARY DRILLING TIME SHEETS
 Russell Record Print, Russell, Kan.

ORIGINAL

COMPANY Chambers FARM Chambers WELL NO. 2-D
 SEC. TWP. .RGE. LOC. COUNTY De Witt STATE KS
 CONTRACTOR Red Tiger Rig #7 SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 0 1/2 LENGTH STROKE 14"

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3100	2:23		
	27	4	
	30	3	
	32	2	
	34	3	
05	38	3	
	41	2	
	43	2	
	44	3	
	49	3	
10	52	3	
	55	3	
	58	3	
	5:00	3	CONN-Rig ✓
	24:27	3	
15	29	2	
	32	3	
	36	4	
	39	3	
	43	4	
20	47	4	
	49	2	
	52	3	
	56	4	
	58	2	Vis 43
25	4:00	2	WT 93
	04	4	
	06	2	
	08	2	
	10	2	
30	12	2	
	14	2	
	17	3	
	20	3	
	23	3	
35	25	2	
	26	1	
	28	2	
	30	2	
	32	2	
40	34	2	
	37	3	
	40	3	
	43	3	
	46	3	CONN
45	49	3	
	56	4	
	5:00	4	
	04	4	
	08	4	
3150	14	6	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3150	5:14		
	19	5	
	21	5	
	24	4	
	32	4	
55	35	3	
	38	3	
	42	4	
	46	4	
	50	4	
60	54	4	
	59	5	
	6:04	5	
	09	5	
	15	6	
65	22	7	Vis 50
	27	5	WT 43
	32	5	
	36	4	
	39	3	
70	43	4	
	46	3	
	49	3	
	52	3	
	55	3	
75	57	2	
	59	2	CONN
	7:10	3	
	14	4	
	17	3	
80	20	3	
	22	2	
	24	2	Vis 4:
	29	4	WT 92
	32	4	
85	35	3	
	40	5	
	45	5	
	50	5	
	54	4	
90	59	4	
	8:03	5	
	07	4	
	13	6	
	20	7	
95	25	5	
	31	6	
	37	6	
	43	6	
	47	4	
3200	51	4	

ROTARY DRILLING TIME SHEETS
 Russell Record Print, Russell, Kan.

ORIGINAL

COMPANY CHAMBERS FARM _____ WELL NO 2-D
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
20	8:51		
	8:55	4	
	8:59	3	
	9:02	4	
	07	5	
05	11	4	
	13	2	
	14	1	CONN
	18:19	1	
	20	1	
10	21	1	
	24	3	
	26	2	
	29	2	
	32	4	
15	35	3	
	40	5	
	44	4	
	48	4	
	51	3	
20	54	3	
	58	4	
	10:02	4	
	06	4	
	12	6	
25	16	4	
	19	3	
	22	3	
	25	3	
	28	3	
30	31	3	
	34	3	
	37	3	
	40	3	
	44	4	
35	48	4	
	55	7	CONN
	11:06	10	40 vis
	17	7	9.4 wt
	24	7	
40	30	6	
	37	7	
	43	6	
	49	6	
	55	6	
45	12:01	6	
	07	6	
	12	5	
	17	5	
	22	5	
3:50	27	5	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
50	12:37		
	34	7	
	39	5	
	45	6	
	50	5	
55	54	4	
	58	4	
	1:04	6	
	10	6	
	16	6	
60	23	7	
	29	6	
	35	6	
	42	7	
	46	4	
65	50	4	
	54	4	
	58	4	Conn.
	2:08	09	4
	14	5	
70	20	6	
	25	5	
	27	2	
	32	5	
	36	4	
75	41	5	
	45	4	
	47	2	
	51	4	
	56	5	
80	3:00	4	
	04	4	
	08	4	
	12	4	
	16	4	
85	21	4	
	24	4	
	27	3	
	30	3	
	34	4	
90	38	4	
	42	4	
	46	4	
	51	5	
	56	5	vis 39
95	4:00	4	wt 9.3
	05	5	
	10	5	
	15	5	
	19	4	Conn.
3:30	4:35	28	3

ROTARY DRILLING TIME SHEETS
 Russell Record Print, Russell, Kan.

ORIGINAL

COMPANY CHAMBERS FARM Chambers WELL NO. 2-D
 SEC. TWP. RGE. LOC. COUNTY DeSoto STATE MS
 CONTRACTOR Red Tiger Rig # 9 SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 6 1/2 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3300	4:28	4	
	32	4	
	37	5	
	41	4	
	45	4	
05	49	4	
	53	4	
	58	5	
	5:02	4	
	08	6	
10	13	5	
	17	4	
	22	5	
	27	5	
	31	4	
15	34	3	
	38	4	
	43	5	
	50	7	
	56	6	
20	6:02	6	
	08	6	37wt.
	12	6	9.3wt.
	16	4	
	19	3	
25	22	3	
	25	3	
	29	4	
	32	3	
	36	4	
30	40	4	Conn.
	6:48	49	3
	53	4	
	58	5	
	7:02	4	
35	07	5	
	10	3	
	14	4	
	17	3	
	20	3	
40	23	3	Wake Geo
	2:28	34	4
	40	6	Set shale pit
	45	5	Run 800W mud
	50	5	
45	55	5	
	59	4	
	8:05	6	
	10	5	
	13	3	
3350	17	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3350	8:17	21	5
	26	4	
	28	2	
	31	3	
55	35	4	
	38	3	
	39	1	
	41	2	
	44	3	
60	47	3	
	50	3	
	54	4	CONN RIG ✓
	9:00	03	3
	07	4	
65	10	3	
	13	3	
	15	2	
	18	3	
	22	4	
70	25	3	
	30	5	
	33	3	
	37	4	
	41	4	
75	45	4	
	50	5	
	54	4	
	58	4	
	10:02	4	
80	06	4	
	09	3	
	12	3	
	16	4	
	18	2	
85	21	3	
	23	2	
	27	4	
	30	3	
	33	3	
90	37	4	
	42	5	
	46	4	
	51	5	CONN
	10:57	11:00	3
95	5	5	
	10	5	
	15	5	CFS 30-60
	6:37	39	6
	39	6	
3400	44	5	

ROTARY DRILLING TIME SHEETS
 Russell Record Print, Russell, Kan.

ORIGINAL

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE _____

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3400	6:44	48	4
	52	4	
	56	4	
	2:00	4	
05	04	4	
	08	4	
	11	3	
	15	4	
	18	3	
10	20	2	
	23	3	
	25	2	
	28	3	
	32	4	
15	36	4	
	40	4	
	45	5	
	49	4	
	54	5	
20	58	4	wake Geo
	8:00	2	
	04	4	
	09	5	
	12	5	DOWN RIS
25	8:25	25	3
	27	2	
	29	2	
	32	3	
	34	2	
30	37	3	
	40	3	
	43	3	
	47	4	
	48	1 1/2	
35	50	1 1/2	
	54	4 1/2	CFS. 30-60 dot #
	9:15	23	8
	3:2	9	
	40	8	
40	47	7	
	53	6	
	57	4	
	10:02	5	
	07	5	
45	12	5	
	14	4	
	20	4	VIS 52
	24	4	MT 9.2
	28	4	
3450	33	5	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3450	33	37	4
	42	5	
	49	7	
	56	7	
55	11:02	6	DOWN
	11:53	58	5
	12:03	5	52 vis
	08	5	9.0 wt
	14	6	LCM 2#
60	17	3	
	21	4	
	26	5	
	32	6	
	38	6	
65	44	6	
	50	6	
	57	7	
	1:03	6	
	09	6	
70	15	6	
	20	5	
	26	6	
	31	5	
	37	6	
75	44	7	
	49	5	
	54	5	
	2:01	7	
	05	4	
80	09	4	CFS 30-60
	14	5	
	2:27	30	3
	33	3	
	37	4	
85	41	4	
	46	5	
	49	3	Conn
	2:58	56	2
	59	3	
90	3:04	5	
	07	3	
	12	5	
	17	5	
	22	5	
95	27	5	VIS 52
	33	6	WT 9.1
	39	6	
	45	6	
	51	6	
3500	56	5	

ROTARY DRILLING TIME SHEETS
 Russell Record Print, Russell, Kan.

ORIGINAL

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. _____ COUNTY _____ STATE _____
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE _____

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3500	8:56		
	4:01	5	
	05	4	
	10	5	
	16	6	
05	22	6	
	27	5	
	32	5	
	37	5	
	43	6	
10	49	5	
	54	6	
	59	4	
	02	4	
	04	2	
15	06	2	
	08	2	
	10	2	CONN
	16:18	2	
	22	4	
20	26	4	
	31	5	
	35	4	
	39	3	
	41	3	
25	45	4	
	50	5	
	54	4	
	58	4	
	6:02	4	
30	01	4	
	11	5	
	16	5	
	19	3	
	24	5	
35	29	5	
	32	3	CFS 30-60 DST
	4:44	6	
	5:00	5	490is
	02	2	89wt 1 1/2" LCM
40	04	2	
	09	5	
	14	5	
	20	6	
	27	7	
45	33	6	
	38	5	
	43	5	
	48	5	CONN
	5:35	2	
3500	6:00	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3550	6:00		
	04	4	
	07	3	
	11	4	
	15	4	
55	19	4	
	9:04	3	
	11	4	
	14	3	
	17	3	
60	22	5	CFS 30-60
	10:35	2	
	41	4	
	46	5	
	53	7	
65	11:01	8	
	06	5	
	12	6	
	17	5	
	22	5	
70	26	4	
	31	5	
	37	6	
	42	5	
	48	6	
75	54	6	
	12:00	6	
	06	6	
	12	6	
	18	6	
80	24	6	Conn.
	12:28	3	
	32	3	
	36	4	
	40	4	
	42	2	
85	44	2	
	46	2	
	48	2	
	51	3	VIS 43
	53	2	W.T 9.3
90	55	2	L.C.M # 10
	56	1	
	58	2	
	1:00	2	
	04	4	
95	08	4	
	13	5	C.F.S. 30-60
	2:22	3	
	30	5	
	35	5	
3600	39	4	

ROTARY DRILLING TIME SHEETS
 Russell Record Print. Russell, Kan.

ORIGINAL

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE _____

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3600	2:39		
	46	1	
	52	6	
	57	5	
	3:06	9	
05	11	5	
	15	4	
	19	4	
	23	4	
	27	4	
10	29	2	
	31	2	CONN. Rig
	42	2	
	44	2	
	46	2	
15	48	2	
	53	5	
	59	6	
	4:04	5	
	08	4	
20	12	4	
	18	6	
	27	9	
	37	10	
	45	9	
25	52	7	VIS 45 WT 9.1
	57	5	
	5:02	5	
	06	4	
	11	5	
30	15	4	
	18	3	
	20	2	
	27	7	
	36	9	
35	45	9	
	55	10	
	6:04	9	
	09	5	
	14	5	
40	18	4	
	24	8	
	33	7	
	37	41	CONN
	46	5	
45	50	4	
	56	6	
	7:03	6	
	09	6	
	17	8	
3800	24	7	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3600	7:24		
	30	6	
	35	5	
	39	4	
	44	5	
55	49	5	
	54	5	
	8:00	6	VIS WT
	04	9	48 9.2
	12	8	
60	18	6	
	24	6	
	31	7	
	37	6	
	42	5	
65	47	5	
	57	10	
	9:07	10	
	16	9	
	20	7	
70	30	7	
	34	4	
	40	6	
	45	5	
	53	8	CONN
75	58:03	7	
	12	9	
	22	10	
	32	10	
	39	7	
80	48	9	
	56	8	VIS WT LCM
	11:03	7	49 9.2 3"
	10	7	
	16	6	
85	23	7	
	29	6	
	35	6	
	40	5	
	46	6	
90	11:59	13	
	12:10	11	
	19	9	
	28	9	
	37	9	
95	47	10	
	59	10	
	1:04	7	
	12	8	
	21	9	
3800	30	9	

ROTARY DRILLING TIME SHEETS
 Russell Record Print, Russell, Kan.

ORIGINAL

COMPANY Chambers FARM Chambers WELL NO. 2-D
 SEC. TWP. RGE. LOC. COUNTY Decatur STATE Ks
 CONTRACTOR Redtiger Rig #7 SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 6 1/2 LENGTH STROKE 14"

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3700	1:30		
	39	9	
	51	12	
	2:00	9	
	10	10	
05	20	10	Conn.
	2:40	48	
	52	9	
	3:08	11	
	16	8	VIS WT LCM
10	23	7	50 9.1 3#
	29	6	
	36	7	
	44	8	
	51	7	
15	57	6	
	4:01	4	
	06	5	
	11	5	
	17	6	
20	21	4	
	25	4	
	29	4	
	35	6	
	43	8	
25	49	6	
	56	7	
	5:03	7	
	09	6	
	12	3	
30	15	3	
	17	2	
	19	2	
	24	5	
	28	4	
35	31	3	
	34	3	Conn.
	5:45	45	
	54	9	
	59	5	
40	6:05	6	
	09	4	
	16	7	VIS WT LCM
	23	7	53 18.9 3#
	30	7	
45	37	7	
	43	6	
	46	3	
	50	4	
	55	5	
3750	59	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3750	7:04		
	08	4	
	11	3	
	14	3	
	18	4	
55	7:24	6	
	30	6	
	35	5	
	40	5	
	43	3	
60	47	4	
	51	4	
	55	4	
	56	1	
	57	1	
65	58	1	
	59	1	
	8:00	1	conn. CFS 30-60
	9:23	23	
	24	1	
	24	1	
70	26	2	
	27	1	
	28	1	
	29	1	
	31	2	
75	32	1	
	33	1	
	36	3	C.F.S. 30-60
	11:03	05	
	07	2	
80	08	1	
	10	2	
	12	2	
	15	3	
	17	2	R
85	18	1	
	19	1	
	20	1	
	22	2	
	23	1	
90	24	1	C.F.S. 30-60
	12:37	38	
	39	1	
	40	1	
	42	2	
95	46	4	
	51	5	
	54	3	SR.
	59	5	CONN
	1:09	11	
3800	15	4	

ROTARY DRILLING TIME SHEETS
 Russell Record Print. Russell, Kan.

ORIGINAL

COMPANY Chambers FARM Chambers WELL NO. 2-0
 SEC. TWP. RGE. LOC. COUNTY Decatur STATE KS
 CONTRACTOR Red Tiger Rig #7 SIZE HOLE 2 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 6 1/2 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3800	1:15		
	19	4	
	23	4	
	27	4	
	30	3	
05	33	3	
	36	3	
	40	4	
	43	3	
	46	3	
10	49	3	
	52	3	
	56	4	
	59	3	
	2:01	3	Vis 51
15	05	3	WT 9.3
	09	4	L.C.M. #3
	12	3	
	15	3	
	19	4	
20	22	3	
	25	3	
	29	4	
	32	3	
	36	4	
25	40	4	
	44	4	
	48	5	
	52	4	
	56	4	CONN
30	59	3	
	11	3	
	14	3	
	17	4	
	21	4	
35	24	3	
	27	3	
	31	3	
	35	4	
	37	2	
40	39	2	
	41	2	
	43	2	
	46	3	
	48	2	
45	50	2	
	53	3	
	56	3	
	59	3	
	4:02	3	
3850	06	4	

ROTARY DRILLING TIME SHEETS
 Russell Record Print, Russell, Kan.

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3850	4:00		
51	11	5	
	14	7	
	26	8	
	35	9	
55	42	7	
	50	8	
	58	9	Vis 55
	5:05	7	WT 9.1
	14	9	CONN
60	1:35	6	
	33	8	
	41	8	
	51	10	
	6:01	10	
65	11	11	
	18	7	
	28	10	
	39	10	
	47	9	
70	56	9	RTD CTCH /hr
			TRIP out for log
75			
80			
85			
90			
95			
3900			