

ORIGINAL

SIDE ONE

ORIGINAL

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

API NO. 15- 193-20,510-0000

County Thomas

SE SW NW Sec. 8 Twp. 10S Rge. 33W East West

2970 Ft. North from Southeast Corner of Section

4290 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Steinle Farms Well # 1-8

Field Name Regeir?

Producing Formation LKC

Elevation: Ground 3198 KB 3203

Total Depth 4799 PBDT 4530

Operator: License # 3295

Name: David W. Clothier

Address 225 N. Market #333

City/State/Zip Wichita, KS 67202

Purchaser: Koch

Operator Contact Person: David W. Clothier

Phone (316) 267-9227

Contractor: Name: Murfin Drilling Company

License: 6033

Wellsite Geologist: David W. Clothier

Designate Type of Completion
 New Well Re-Entry Workover

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

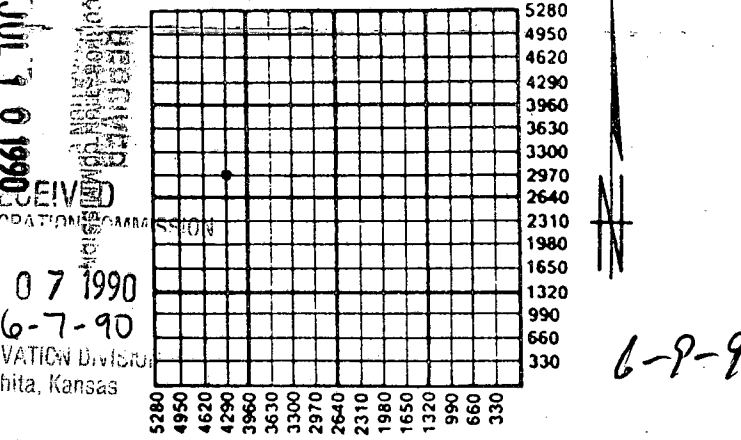
If OWMO: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

03-19-90 03-28-90 03-29-90
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 314 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2610 Feet

If Alternate II completion, cement circulated from 2610

feet depth to 601 w/ 675 SX amt.

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JUL 9 6 1990
JUN 07 1990
6-7-90
STATE CORPORATION COMMISSION
Wichita, Kansas

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 Jack E. Goss

Title Jack E. Goss, Agent for Operator Date 4-6-90

Subscribed and sworn to before me this 6th day of April, 19 90.

Notary Public Melanie Rau
Melanie Rau

Date Commission Expires 4-18-93

MELANIE RAU
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 4-18-93

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
W Wireline Log Received
D Drillers Timelog Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)

SIDE TWO

Operator Name David W. Clothier Lease Name Steinle Farms Well # 1-8
 Sec. 8 Twp. 10S Rge. 33W East West
 County Thomas

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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

See attached sheet for DST data

Formation Description		
Name	Top	Bottom
Anhydrite	2703 (+500)	
Base Anhy.	2733 (+470)	
Heebner	4092(-889)	
LKC	4130(-927)	
Muncie Creek	4272(-1069)	
Stark	4352(-1149)	
BKC	4412(-1209)	
Marmaton	4436(-1233)	
Mississippi	4750(-1547)	

CASING RECORD New 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"	23#	314	60/40 Poz	220	2% gel, 3% c
Production		4-1/2"	10.5#	4793	EA2	170	EA-2

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated	Amount and Kind of Material Used	Depth
4	4588-92		
4	4546-52	250 Gal. 15% FE	4546-52
4	4363-69	500 Gal. 15% MCA	4363-69
		1500 Gal. 15% SGA	4363-69

TUBING RECORD Size 2 3/8 Set At 4513 Packer At _____ Liner Run Yes No

Date of First Production 4/27/90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	23.25		8		36.3

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

ORIGINAL

David W. Clothier
Independent Petroleum Geologist

333 Executive Center
 225 N. Market
 Wichita, Kansas 67202

(316) 267-9227

June 6, 1990

State Corporation Commission
 Oil & Gas Conservation Division
 200 Colorado Derby Building
 Wichita, Kansas 67202

Gentlemen:

Please find below listed the DST Data for the Steinle Farm, Inc.
 #1-8:

DST #1, 4269-4300, Rec 315' MW, IFP 50-83#/30"; ISIP 1298/45"; FFP 104-165#/45"; FSIP 1265/60"

DST #2, 4300-4330, Rec- 20'M; IFP 50-50#/30"; ISIP 50#/45"; FFP 50-50#/30" FSIP 50#/30"

DST #3, 4330-58, Rec 10' M; IFP 50-50#/30"; ISIP 50#/30"; FFP 50#/30"; FSIP 50#/30"

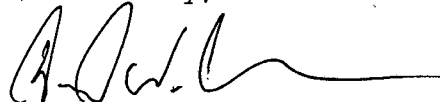
DST# 4, 4354-86, Rec 362' GIP, 80' Cln Gsy Oil, 60' SWOCM, 60' OCM; IFP 47-61#/30"; ISIP 900#/45"; FFP 80-104#/60"; FSIP 889#

DST #5, 4382-4416, Rec 10' M W/oil spots; IFP 45-45#/30"; ISIP 52#/30" ; FFP 45-45#/30"; ISIP 56#/30"

DST#6; 4559-4620 Rec 124' SGM W/few oil spots, 240' WM; IFP 89-118#; ISIP 1140#/45"; FFP 154-226#/60"; FSIP 1113#/60"

I will cement the upper stage of this well tomorrow.

Yours Truly,



David W. Clothier

DWC/aec

RECEIVED
 STATE CORPORATION COMMISSION
 JUN 07 1990
 CONSERVATION DIVISION
 - Wichita, Kansas

HALLIBURTON SERVICES

A Halliburton Company

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

INVOICE

15-193-20510-0000

INVOICE NO:	DATE
863419	06/07/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
STEINLE FARMS 1-6		THOMAS		KS	CLOTHIER	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
OBERLIN		POE WELL SERV		CEMENT VIA ANNULUS PROD CASING		06/07/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
168395	ROBERT MOOREHEAD				COMPANY TRUCK	96346

DAVID W. CLOTHIER
225 N. MARKET, #333
WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	16	MI	2.35	37.60 *
009-019	PLUGGING BK SPOT CEMENT OR MUD	2610	FT	1,040.00	1,040.00 *
509-968	SALT	150	LB	.09	13.50
504-308	STANDARD CEMENT	88	SK	6.75	594.00 *
506-105	POZMIX A	47	SK	3.50	164.50 *
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C *
507-277	HALLIBURTON-GEL BENTONITE	9	SK	13.75	123.75 *
507-285	ECONOLITE	235	LB	.90	211.50 *
507-210	FLOCELE	34	LB	1.30	44.20 *
504-316	HALLIBURTON LIGHT W/STANDARD	265	SK	6.10	1,616.50 *
510-222	SACKED SAND 20/40 & SMALLER	2	SK	8.60	17.20
500-207	BULK SERVICE CHARGE	421	CFT	1.10	463.10 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	300.59	TMI	.75	225.44 *
INVOICE SUBTOTAL					4,551.29
DISCOUNT-(BID)					910.25-
INVOICE BID AMOUNT					3,641.04
*-KANSAS STATE SALES TAX					153.71
*-DECATUR COUNTY SALES TAX					36.15
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,830.90

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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 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.



INVOICE



A Halliburton Company

15-143-20510-0000

INVOICE NO.	DATE
863421	06/08/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
STEINLE FARMS 1-8		THOMAS		KS	CLOTHIER	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
OBERLIN		POE WELL SERV		CEMENT VIA ANNULUS PROD CASING		06/08/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
168395	ROBERT MOOREHEAD				COMPANY TRUCK	96346

DIRECT CORRESPONDENCE TO:

DAVID W. CLOTHIER
225 N. MARKET, #333
WICHITA, KS 67202

SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
009-019	PRICING AREA - MID CONTINENT PLUGGING BK SPOT CEMENT OR MUD	1410	FT	850.00	850.00 *
		1	UNT		
504-316	HALLIBURTON LIGHT W/STANDARD	200	SK	6.10	1,220.00 *
504-308	STANDARD CEMENT	45	SK	6.75	303.75 *
506-105	POZMIX A	30	SK	3.50	105.00 *
509-406	ANHYDROUS-CALCIUM CHLORIDE	2	SK	26.25	52.50 *
500-207	BULK SERVICE CHARGE	279	CFT	1.10	306.90 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	200.08	THI	.75	150.06 *
INVOICE SUBTOTAL					2,988.21
DISCOUNT-(BID)					597.64-
INVOICE BID AMOUNT					2,390.57
*-KANSAS STATE SALES TAX					101.60
*-DECATUR COUNTY SALES TAX					23.91
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,516.08

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Wichita, Kansas
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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.



INVOICE

HALLIBURTON SERVICES ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
863266	03/20/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
STEINLE FARMS INC. 1-8		THOMAS		KS	CLOTHIER	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
OBERLIN		MURFIN 2		CEMENT SURFACE CASING		03/20/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
168395	STEVE CARLTON				COMPANY TRUCK	92094

DAVID W. CLOTHIER
225 N. MARKET, #333
WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	16	MI	2.20	35.20
001-016	CEMENTING CASING	314	FT	400.60	400.60
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8 5/8	IN	59.00	59.00
504-308	STANDARD CEMENT	132	SK	6.75	891.00
506-105	POZMIX A	88	SK	3.50	308.00
506-121	HALLIBURTON-GEL 2%	4	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	26.25	210.00
500-207	BULK SERVICE CHARGE	236	CFT	.95	224.20
500-306	MILEAGE CMTG MAT DEL OR RETURN	159.68	TMI	.70	111.78
INVOICE SUBTOTAL					2,239.78
DISCOUNT-(BID)					447.95-
INVOICE BID AMOUNT					1,791.83
*-KANSAS STATE SALES TAX					59.32
*-DECATUR COUNTY SALES TAX					13.95
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,865.10

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Wichita, Kansas

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ORIGINAL

HALLIBURTON SERVICES

A Halliburton Company

INVOICE

INVOICE NO.	DATE
863311	03/29/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
STEINLE FARMS INC 1-8		THOMAS	KS	CLOTHIER
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE
BERLIN	MURFIN 2	CEMENT PRODUCTION CASING		03/29/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA
168395	ROBERT MOOREHEAD			COMPANY TRUCK
				FILE NO.
				92696

DAVID W. CLOTHIER
225 N. MARKET, #333
WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	16	MI	2.20	35.20
		1	UNT		
001-016	CEMENTING CASING	4793	FT	1,133.00	1,133.00
		1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	4	1/2 IN	32.00	32.00 *
		1	EA		
018-317	SUPER FLUSH	10	SK	74.00	740.00
12A	GUIDE SHOE - 4 1/2" 8RD THD.	1	EA	83.00	83.00 *
825.201					
24A	INSERT FLOAT VALVE - 4 1/2" 8RD	1	EA	73.00	73.00 *
815.19101					
27	FILL-UP UNIT 4 1/2"-5"	1	EA	27.50	27.50 *
815.19111					
40	CENTRALIZER 4-1/2" MODEL S-4	11	EA	41.00	451.00 *
807.93004					
320	CEMENT BASKET 4 1/2"	2	EA	85.00	170.00 *
800.8881					
73	F.O. MULT STAGE CMTR 4 1/2" 8RD	1	EA	1,350.00	1,350.00 *
813.0141					
509-968	SALT	150	LB	.063	9.45
504-308	STANDARD CEMENT	170	SK	6.75	1,147.50 *
508-127	CAL SEAL	8	SK	14.90	119.20 *
509-968	SALT	737	LB	.063	46.43
507-775	HALAD-322	81	LB	5.60	453.60 *
507-970	D-AIR 1, POWDER	43	LB	2.55	109.65 *
500-207	BULK SERVICE CHARGE	192	CFT	.95	182.40 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	141.13	TMI	.70	98.79 *
	INVOICE SUBTOTAL				6,261.72

STATE RECEIVED
CORPORATION
JUN 07 1990
CONSERVA

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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.