

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

API NO. 15- 047-21343-0000

County Edwards

C S/2 S/2 SE Sec. 5 Twp. 24 Rge. 17 X East West

Operator: License # 5056

330 Ft. North from Southeast Corner of Section

Name: F. G. Holl Company

1320 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address 6427 E. Kellogg

Lease Name Carpenter Well # 2-5

City/State/Zip Wichita, Kansas 67207

Field Name Massey West

Producing Formation Cherokee, Mississippian

Purchaser: Clear Creek

Elevation: Ground 2109 KB 2118

Operator Contact Person: Elywn H. Nagel

Total Depth 4540 PBDT 4487

Phone (316) 684-8481

Contractor: Name: Sterling Drilling Company

License: 5142

Wellsite Geologist: Frank Greenbaum

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If **OWO**: old well info as follows:

Operator: _____

Well Name: _____

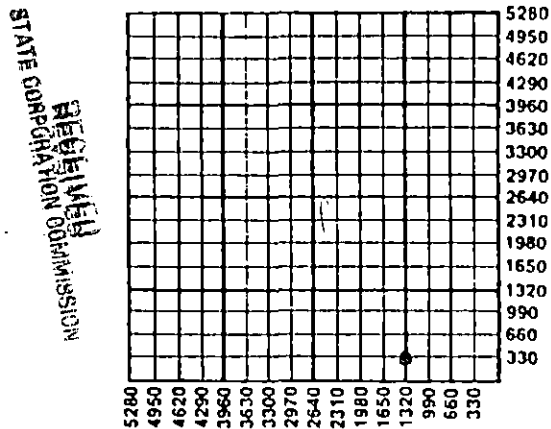
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

8-10-89 8-17-89 9-16-89

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 310'K.B. 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.

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 Elywn H. Nagel

Title Elywn H. Nagel, Manager Date 11-16-89

Subscribed and sworn to before me this 16th day of November, 19 89.

Notary Public V. Jean Feil

Date Commission Expires _____

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached

Wireline Log Received

Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other (Specify)

V. JEAN FEIL
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-31-93

ORIGINAL

Form ACO-1 (7-89)

X

SIDE TWO

Operator Name F. G. Holl Company Lease Name Carpenter Well # 2-5
 Sec. 5 Twp. 24 Rge. 17 East County Edwards
 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Formation Description
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 (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
		<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample
		Name Top Bottom
		Heebner 3744 (-1626)
		Brownlime 3865 (-1747)
		Lansing-Ks City 3874 (-1756)
		Base K.C. 4172 (-2054)
		1st Cherokee Sand 4298 (-2180)
		2nd Cherokee Shale 4317 (-2199)
		Cherokee Sand 4340 (-2222)
		Mississippi 4355 (-2237)
		Base of Chert 4400 (-2282)

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 (New)		8 5/8"	23#	310KB	60/40Poz	225	2%gel, 3%cc
Production (Used)		4 1/2"	10.5#	4538KB	Lite	100	
					50/50Poz	125	

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 SPF	4338-4343, 4349 Cherokee Sand	715 gal, 15% DSFE	
2 SPF	4354-4364 Mississippian	3200# 20/40 sand	
		3200# 12/20 sand	
		41,000 gal, cross-link gel	

TUBING RECORD Size 2 3/8" Set At 4331' Packer At _____
 Liner Run Yes No

Date of First Production 9-23-89 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	50				

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 4338-4343, 4349
4354-4364

ORIGINAL

F. G. HOLL COMPANY

6427 EAST KELLOGG - P.O. BOX 780167
WICHITA, KS 67278-0167

CARPENTER 2-5

DST #1: 4315-4357 Cherokee
 30-60-60-90
 IFP 66/83:30 ISIP 918:60 FFP 115/116:60 FSIP 935:90
 IHP 2157 FHP 2154
 BHT 119^o
 Recovered 80' oil and gas cut mud
 Recovered 120' heavy oil and gas cut mud
 GTS 7 minutes
 20 min. 3,17 MCF
 30 " 3,95 "
 40 " 4,09 "
 50 " 4,28 "
 60 " 4,35 "

STATE COMMISSION RECEIVED
 NOV 1 9 1988
 CONSERVATION DIVISION
 Wichita, Kansas

ORIGINAL

15-047-21343-0000

P.O. BOX 951048
DALLAS, TX 75395

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

ORIGINAL

INVOICE NO.

822995

08/10

WELL LEASE NO./PLANT NAME

WELL/PLANT LOCATION

STATE

WELL/PLANT OWNER

CARPENTER 2-5

EDWARDS

KS

SAME

SERVICE LOCATION

CONTRACTOR

JOB PURPOSE

TICKET DATE

GREAT BEND

STERLING DRILLING

CEMENT SURFACE CASING

08/10/1989

ACCT. NO.

CUSTOMER AGENT

VENDOR NO.

CUSTOMER P.O. NUMBER

SHIPPED VIA

FILE NO.

392900 V.L. THOMPSON

COMPANY TRUCK 80748

F G HOLL
P O BOX 158
BELPRE, KS 67519

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

RECEIVED
STATE COOPERATION COMMISSION
NOV 16 1989
Wichita, Kansas

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	44	MI	2.20	
		1	UNT		
001-016	CEMENTING CASING	312	FT	399.80	
		1	UNT		
030-503	WOODEN PLUG	8 5/8	IN	58.00	
		1	EA		
504-308	STANDARD CEMENT	135	SK	5.35	
506-105	POZMIX A	90	SK	2.79	
506-121	HALLIBURTON-GEL 2X	4	SK	.00	
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	25.75	
500-207	BULK SERVICE CHARGE	237	CFT	.95	
500-306	MILEAGE CMTG MAT DEL OR RETURN	444.77	TMI	.70	
INVOICE SUBTOTAL					
DISCOUNT - (BID)					
INVOICE BID AMOUNT					
*- KANSAS STATE SALES TAX					
*- BARTON COUNTY SALES TAX					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					

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.

15-047-21343-0000
 P.O. BOX 951048
 DALLAS, TX 7539

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

ORIGINAL

INVOICE NO.

823031

08/1

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
CARPENTER 2 5		EDWARDS		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE			TICKET DATE
GREAT BEND	STERLING DRILLING	CEMENT PRODUCTION CASING			08/17/1989
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
392900	V.L. THOMPSON			COMPANY TRUCK	81128

F G HOLL
 P O BOX 158
 BELPRE, KS 67519

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

STATE PREPARATION COMPANY
 RECEIVED
 NOV 16 1989
 CONSERVATION DIVISION
 Wichita, Kansas

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	44	MI	2.20	
001-016	CEMENTING CASING	4535	FT	1,111.00	
030-018	CEMENTING PLUG SW, PLASTIC TOP	4 1/2	IN	44.00	
018-315	MUD FLUSH	250	GAL	.45	
12A	GUIDE SHOE - 4 1/2" 8RD THD.	1	EA	83.00	
825.201					
24A	INSERT FLOAT VALVE - 4 1/2" 8RD	1	EA	73.00	
815.19101					
27	FILL-UP UNIT 4 1/2"-5"	1	EA	27.50	
815.19113					
40	CENTRALIZER 4-1/2" MODEL S-4	3	EA	41.00	
807.93004					
60	ROTO WALL CLEANER 2 1/8" SPIKE	20	EA	22.00	
807.0007					
66	FASGRIP LIMIT CLAMP 4 1/2"	24	EA	9.60	
807.64021					
504-316	HALLIBURTON LIGHT W/STANDARD	100	SK	4.82	
504-308	STANDARD CEMENT	63	SK	5.35	
506-105	POZMIX A	62	SK	2.79	
506-121	HALLIBURTON-GEL 2X	2	SK	.00	
509-968	SALT	1100	LB	.052	
509-968	SALT NOT MIXED	400	LB	.052	
508-291	GILSONITE	650	LB	.35	
507-145	CFR-2	79	LB	3.70	
507-210	FLOCELE	16	LB	1.21	
508-085	TUF CEMENT FIBERS NO 1 (NYLON)	16	LB	1.90	
500-207	BULK SERVICE CHARGE	260	CFT	.95	
500-306	MILEAGE CMTG MAT DEL OR RETURN	488.20	TMI	.70	

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

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