

# ORIGINAL SIDE ONE

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

Operator: License # 5056  
 Name: F. G. HOLL COMPANY  
 Address 6427 E. Kellogg  
P.O. Box 780167  
 City/State/Zip Wichita, KS 67278-0167  
 Purchaser: Clear Creek  
 Operator Contact Person: Elwyn H. Nagel  
 Phone ( 316 ) 684-8481

Contractor: Name: Sterling Drilling Company  
 License: 5142  
 Wellsite Geologist: W. Bryce Bidleman

### Designate Type of Completion

New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

### If CWMO: old well info as follows:

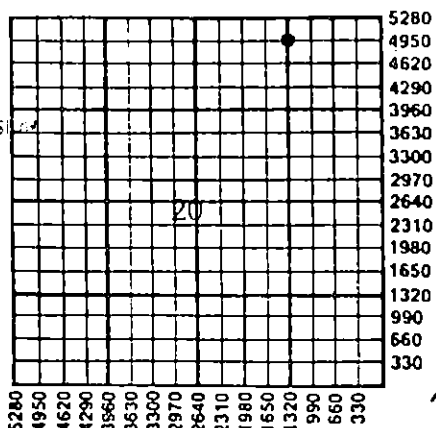
Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

### Drilling Method:

Mud Rotary  Air Rotary  Cable

11/26/90 12/2/90 1/15/91  
 Spud Date Date Reached TD Completion Date

API NO. 15- 047-21,364-0000  
 County Edwards  
 C N2 N2 NE Sec. 20 Twp. 24s Rge. 17w  East West  
4950 Ft. North from Southeast Corner of Section  
1320 Ft. West from Southeast Corner of Section  
 (NOTE: Locate well in section plat below.)  
 Lease Name CROSS "C" Well # 1-20  
 Field Name Wayne NW  
 Producing Formation Mississippi  
 Elevation: Ground 2118 KB 2127  
 Total Depth 4530 PBTD None



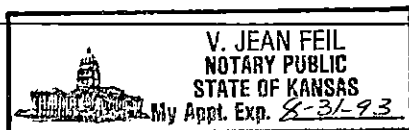
Amount of Surface Pipe Set and Cemented at 347' KB Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from \_\_\_\_\_  
 feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

3-11-91  
 MAR 1 1991  
 CONSERVATION DIVISION  
 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 Elwyn H. Nagel  
 Title Elwyn H. Nagel, Manager Date 3/6/91  
 Subscribed and sworn to before me this 6th day of March, 1991.  
 Notary Public V. Jean Feil  
 Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Drillers Timelog Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

**SIDE TWO**

Operator Name F. G. HOLL COMPANY Lease Name CROSS "C" Well # 1-20

Sec. 20 Twp. 24S Rge. 17W  East  West  
 County Edwards

**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.)  DST #1 (4350-4384) Mississippi 1) SBOB throughout 2) GTS in 23mins. Gauged on 2nd Opening: 5.86 MCF/DPD in 30" 5.86 " in 40,50,60"  REC: 130 GCMw/TO in Tool IHP: 2125 IFP: 98-87:30" ISIP: 950:60" FHP: 2126 FFP: 81-93:60" FSIP: NA:0" BHT: NA	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="3" style="text-align: center;">Formation Description</th> </tr> <tr> <td></td> <td style="text-align: center;"><input checked="" type="checkbox"/> Log</td> <td style="text-align: center;"><input type="checkbox"/> Sample</td> </tr> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> <tr> <td>Heebner</td> <td>3765 (-1638)</td> <td></td> </tr> <tr> <td>Brown Lime</td> <td>3890 (-1763)</td> <td></td> </tr> <tr> <td>Lansing</td> <td>3906 (-1779)</td> <td></td> </tr> <tr> <td>BKC</td> <td>4206 (-2079)</td> <td></td> </tr> <tr> <td>Cherokee SH</td> <td>4355 (-2228)</td> <td></td> </tr> <tr> <td>Mississippi</td> <td>4375 (-2248)</td> <td></td> </tr> <tr> <td>Kinderhk SD</td> <td>4428 (-2301)</td> <td></td> </tr> <tr> <td>Viola</td> <td>4457 (-2330)</td> <td></td> </tr> <tr> <td>RTD</td> <td>4530 (-2403)</td> <td></td> </tr> <tr> <td>LTD</td> <td>4530 (-2403)</td> <td></td> </tr> </table>	Formation Description				<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample	Name	Top	Bottom	Heebner	3765 (-1638)		Brown Lime	3890 (-1763)		Lansing	3906 (-1779)		BKC	4206 (-2079)		Cherokee SH	4355 (-2228)		Mississippi	4375 (-2248)		Kinderhk SD	4428 (-2301)		Viola	4457 (-2330)		RTD	4530 (-2403)		LTD	4530 (-2403)	
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**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" (N)	23#	347'KB	60/40 POZ	225	2%Gel, 3%CC
Production	7 7/8"	4 1/2" (N&U)	10.5#	4527'KB	Lite	100	Salt, Gils.
					50/50 POZ	125	

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1SPF	4392-4394, 4398-4403, 4406-4407	AC:500gls 15%DSFE, SWB:23	4530'
	Mississippi	90% Oil	
ISPF	4378-4384 Mississippi	FR:ALL PERFS, 12,000gls My-T-Gel III Cross-Link, 260	4530'
		sks 20/40, 280sks 12/20,	
		SWB: 245 bbls, 15%oil	

**TUBING RECORD** Size 2" Set At 4412' Packer At None Liner Run  Yes  No

Date of First Production 1/15/91 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	10	None	80		

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 4378-4407  
Mississippi



ORIGINAL

CUSTOMER INVOICE DATE 11/26/90

DIRECT BILLING INQUIRIES TO:	TERMS:	REMIT TO:
713-895-5821	NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	B.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77212

PAGE:	INVOICE NO.:
1	0076

AUTHORIZED BY 635532

PURCH. ORDER REF. NO.

F. S. WELL  
C/O APT MERRICK  
P.O. BOX 568  
SELMA, LA

KS 67519

WELL NUMBER : C1-20

CUSTOMER NUMBER : 09525001

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
CROSS	LA			GREAT BEND	3310
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE		
		11/26/90	LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100304	1.00	CEMENT CASING 301 TO 500 FEET			
10109005	41.00	MILEAGE CHRG, FROM NEAREST BASE OF			
10410504	135.00	CLASS "A" CEMENT		CF	
10415018	90.00	FLY ASH		CF	
10415049	581.00	A-7-P CALCIUM CHLORIDE PELLETS		LB	
10420145	387.00	BJ-TITAN GEL, BENTONITE, BULK SALES		LB	
10430539	1.00	8 5/8" TOP HOLE (SURFACE) PLUG		EA	
10880001	225.00	MIXING SEVICE CHRG DRY MATERIALS, P			
10940101	418.20	DRAYAGE, PER TON MILE			
10107891	1.00	FUEL SURCHARGE			

MAR 11 1991  
CONSERVATION DIVISION  
Wichita, Kansas

ACCOUNT 4.25000% STATE TAX  
1.00000% COUNTY TAX

TAX EXEMPTION STATUS:

PAY THIS AMOUNT

Handwritten initials

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
060788	12/03/1990

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
CROSS "C" 1-20	EDWARDS	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
GREAT BEND	STERLING DRILLING #4	CEMENT PRODUCTION CASING	12/03/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
392900	T.S. MYERS		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	06511

F G HOLL  
P O BOX 158  
BELPRE, KS 67519

DIRECT CORRESPONDENCE TO:  
SUITE 1300  
LIBERTY TOWER  
100 BROADWAY AVENUE  
OKLAHOMA CITY, OK 73102-0000

PRICE REF NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	44	MI		
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	44	MI		
		1	UNT		
001-016	CEMENTING CASING	4527	FT		
		1	UNT		
018-317	SUPER FLUSH	12	SK		
030-018	CEMENTING PLUG 5W, PLASTIC TOP	4 1/2	IN		
		1	EA		
12A	GUIDE SHOE - 4 1/2" 8RD THD.	1	EA		
825.201					
24A	INSERT FLOAT VALVE - 4 1/2" 8RD	1	EA		
815.19101					
27	FILL-UP UNIT 4 1/2"-5"	1	EA		
815.19113					
40	CENTRALIZER 4-1/2" MODEL S-4	3	EA		
807.93004					
504-316	HALLIBURTON LIGHT W/STANDARD	100	SK		
504-308	STANDARD CEMENT	63	SK		
506-105	POZMIX A	62	SK		
506-121	HALLIBURTON-GEL 2X	2	SK		
509-968	SALT	1100	LB		
509-968	SALT	400	LB		
508-292	GILSONITE, SACKED	650	LB		
507-210	FLOCELE	16	LB		
508-087	TUF CEMENT FIBERS NO 2 (POLYPR	16	LB		
507-775	HALAD-322	79	LB		
500-307	MILEAGE SURCHARGE-CEMENT MAT.	486.46	TMI		
500-207	BULK SERVICE CHARGE	260	CFT		
500-306	MILEAGE CMTG MAT DEL OR RETURN	486.46	TMI		

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

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