

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

ORIGINAL

API NO. 15- 047-21,382 -0000

County Edwards

C - SW - SW - NW Sec. 18 Twp. 24s Rge. 17w X ^E _W

Operator: License # 5056

Name: F. G. Holl Company

Address P.O. Box 780167

6427 E. Kellogg

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 SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

7/1/91 7/11/91 8/9/91
Spud Date Date Reached TD Completion Date

2970' Feet from S/X (circle one) Line of Section

4950' Feet from E/X (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name CROSS "A" Well # 2-18

Field Name WAC

Producing Formation Mississippi

Elevation: Ground 2129' KB 2138'

Total Depth 4440' PBDT None

Amount of Surface Pipe Set and Cemented at 360' 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.

Drilling Fluid Management Plan air
(Date must be collected from the Reserve Pit)

Chloride content 13,000 ppm Fluid volume 4400 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

RECEIVED 12-6-91

Operator Name KANSAS CORPORATION COMMISSION

Lease Name _____ License No. _____

DEC 6 1991
Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County Edwards
CONSERVATION DIVISION
WICHITA, KS

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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.

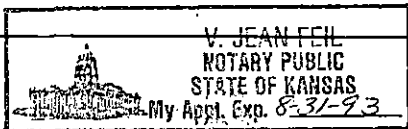
Signature Elwyn H. Nagel

Title Elwyn H. Nagel, Manager Date 12/6/91

Subscribed and sworn to before me this 6th day of December, 1991.

Notary Public V. Jean Feil

Date Commission Expires _____



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

Operator Name F. G. Holl Company Lease Name CROSS "A" Well # 2-18
 Sec. 18 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input 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	Heebner	3778 (-1640)	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Brown Lime	3897 (-1759)	
List All E.Logs Run: <u>ZDLC/CN/DIFL/GR/SP/CAL</u>	Western Atlas	Lansing	3906 (-1768)	
		BKC	4213 (-2075)	
		Marmaton	4272 (-2134)	
		Cherokee SH	4367 (-2229)	
		Cherokee SD	4398 (-2260)	
		Mississippi	4420 (-2282)	
		RTD	4440 (-2302)	
		LTD	4436 (-2298)	

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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" (N)	23#	360'KB	60/40 POZ	250	2%Gel, 3%CC
Production	7 7/8"	5 1/2" (N&U)	10.5#	4422'KB	Lite	100	Salt, Gils.
					50/50 POZ	125	

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
None	Open Hole: 4422-4440 (Mississippi)	Drld cmt and shoe to 4440', AC: 500gls 15% DSFE, SWB: 8.70 BFPH (SO&G), SWB:1.16 BFPH (30%Oil), FR: 26,000gls My-T-Gel III X-Link, 130 sks 20/40 & 210 sks 12/20 sand, SWB: 21	4440'
		BFPH (13% Oil)	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2"	4393'	None				
Date of First, Resumed Production, SWD or Inj.			Producing Method					
8/8/91			<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.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		30				140		

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 checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval	4422-4440' Mississippi
---------------------	---	----------------------	---	---------------------	---------------------------

ORIGINAL

F. G. HOLL COMPANY

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

CROSS "A" #2-18
C SW SW NW
Sec 18-24s-17w
Edwards County, KS
API#: 15-047-21,382

DST #1 (4368-4421) Cherokee

1) WB Dead in 26 mins.
2) WB Dead in 8 mins.
REC: 20' DM
IHP: 2198 IFP: 60-34:30" ISIP: 61:30"
FHP: 2133 FFP: 37-34:30" FSIP: 36:30"
BHT: 118F

DST #2 (4367-4440) Mississippi

1) FBOB in 8 mins.
2) FBOB in 6 mins.
REC: 850' GIP
 70' GCM
 60' SO&GCMW(5%G, 15%O, 40%M, 40%W)
 60' SO&GCWM(10%G, 10%O, 30%M, 50%W)
 60' SO&GCWM(8%G, 5%O, 35%M, 52%W)
 250' Total Fluid
IHP: 2227 IFP: 80-78:30" ISIP: 1085:60"
FHP: 2145 FFP: 138-140:60" FSIP: 1095:90"
BHT: 120F
CHL: 19,000 ppm

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 6 1991

CONSERVATION DIVISION
WICHITA, KS



ORIGINAL

INVOICE DATE
12/11/91

DIRECT BILLING INQUIRIES TO: 713-699-1011	TERMS: NET 30 DAYS DATE 12/11/91	REMIT TO: P.O. BOX 207474 HOUSTON, TX 77297
--	--	---

PAGE 1	INVOICE NO. 103731
-----------	-----------------------

AUTHORIZED BY
053731

PURCH. ORDER REF. NO.

P. S. HOLL
ATTN: LDUAK
P.O. BOX 153
WELLS KS 67519

WELL NUMBER : 2-18 CUSTOMER NUMBER : 8525 - 0

LEASE NAME AND NUMBER CROSS "A"	STATE 14	COUNTY/PARISH 1409	CITY	DISTRICT NAME Great Bend	DISTR. NO. 582
JOB LOCATION/FIELD NA		MTA DISTRICT	DATE OF JOB 07/12/91	TYPE OF SERVICE LAND-LONG STRING/PRODUCT	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100326	1.00	CEMENT CASING 4,501 TO 5,000 FEET			
10109009	44.00	MILEAGE CHRG, FROM NEAREST BASE OF			
10409600	1.00	BAKER TRIPLEXY 5405		GAL	
10409601	1.00	INSERT		GAL	
10409602	5.00	CENTRALIZERS		GAL	
10410504	120.00			CF	
10415013	97.00	FLY ASH		CFT	
10415038	1550.00	A-5 SALT		LB	
10415082	625.00	KOL SEAL		LB	
10420143	739.00	BJ-TITAN GEL, BENTONITE		LB	
10422000	31.00	CELLO FLAKE		LB	
10424000	79.00	CC-31		LB	

RECEIVED
KANSAS CORPORATION COMMIS

DEC 6 1991

CONSERVATION DIVISION
WICHITA, KS

ACCOUNT	
---------	--

TAX EXEMPTION STATUS: _____



CUSTOMER
INVOICE DATE

DIRECT BILLING INQUIRIES TO	TERMS	REMIT TO.
711-895 21	NET 30 DAY	077 07476 BARTON, KY 77247

PAGE	INVOICE NO
2	053731

AUTHORIZED BY
052731

PURCH. ORDER REF. NO.

H. G. BELL
ATTN: EDGAR
P.O. BOX 157
HELPER KY 5731

WELL NUMBER: 2-2-73 CUSTOMER: 8525 - 0

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
CROSS "A"	14	1409		Great Bend	587
JOB LOCATION/FIELD	MTA DISTRICT		DATE OF JOB	TYPE OF SERVICE	
AA			07/12/91	LAND-LONG STRING/PRODUCT	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10424530	18.00	FP-8	[REDACTED]	LB	[REDACTED]
10425010	500.00	MUD-SWEEP, WITH BJ-TITAN PUMPING E	[REDACTED]	GAL	[REDACTED]
10430520	1.00	5-1/2" TOP RUBBER DRUG	[REDACTED]	EA	[REDACTED]
10890081	210.00	FIXING SERVICE (CHP) (RY) (A) (ALS)	[REDACTED]		[REDACTED]
10940101	504.00	DRYAGE, PER TON MTL	[REDACTED]		[REDACTED]
			SUBTOTAL		[REDACTED]
			DISCOUNT		[REDACTED]

ACCOUNT	1.0000" BARTON 4.2500" KSNOW WELL	[REDACTED]	[REDACTED]
---------	--------------------------------------	------------	------------

TAX EXEMPTION STATUS: PAY THIS



ORIGINAL

CUSTOMER INVOICE DATE

DIRECT BILLING INQUIRIES TO:	TERMS	REMIT TO:
713-895-5821	ACCOUNT 90 DAYS FROM DATE OF INVOICE	P.J. SERVICES P.O. BOX 297476 HOUSTON, TX 77297

PAGE	INVOICE NO.
1	053751

AUTHORIZED BY
053751

PURCH. ORDER REF. NO.

P.O. BOX 158
FLORA, KS 67513

WELL NUMBER : 2-18 CUSTOMER NUMBER : 8525 - 0

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
CROSS A	14	1409		Great Bend	582
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE		
NA		07/01/91	LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100304	1.00	CEMENT CASING 301 TO 500 FEET			
10109005	44.00	MILEAGE CHRG. FROM NEAREST RECEIVED KANSAS CORPORATION COM			
10410504	150.00	CLASS #20		CF	
10415010	100.00	FLY ASH		CFT	
10415043	645.00	A-7-P CAL. CHLORIDE PEL CONSERVATION DIV WICHITA, KS		LB	
10420145	430.00	BJ-TITAN BENTONITE, BULK SALE		LB	
10431036	1.00	8-5/8" TOP 4000 PLUG		EA	
10880001	250.00	MIXING SERVICE CHRG DRY MATERIALS,			
10940101	496.32	DRAYAGE. TON MILE			
			SUBTOTAL		
			DISCOUNT		

ACCOUNT	1.00000 * 1.00 4.25000 * 4.25			
---------	----------------------------------	--	--	--

TAX EXEMPTION STATUS	BY THE AMOUNT
----------------------	---------------