

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

KCC

DEC 12

API NO. 15- 151-22,065 -0000  
County Pratt **ORIGINAL**  
130'S. of C - NW - SW - NE Sec. 15 Twp. 29s Rge. 11w X E

Operator: License # 5056

**CONFIDENTIAL**

3500' Feet from S/W (circle one) Line of Section

Name: F. G. Holl Company

2310' Feet from E/W (circle one) Line of Section

Address 6427 E. Kellogg

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

P.O. Box 780167

City/State/Zip Wichita, KS 67278-0167

Lease Name HIRT Well # 1-15

Purchaser: None

Field Name Sandy

Operator Contact Person: Elwyn H. Nagel

Producing Formation None

Phone ( ) (316) 684-8481

Elevation: Ground 1831' KB 1840'

Contractor: Name: Sterling Drilling Company

Total Depth 4784 PBDT None

License: 5142

Amount of Surface Pipe Set and Cemented at 262' KB Feet

Wellsite Geologist: Brent Reinhardt/W. Bryce Bidleman

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

New Well  Re-Entry  Workover

If yes, show depth set \_\_\_\_\_ Feet

Oil  SWD  S10W  Temp. Abd.

Gas  ENHR  SIGW

Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cnt.

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

Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) AIT O+O

Operator: \_\_\_\_\_

Chloride content 12,000 ppm Fluid volume 4700 bbls.

Well Name: \_\_\_\_\_

Dewatering method used Evaporation

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  PBDT

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

**RELEASED**

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. 5 1994

10/28/91 11/7/91 11/7/91

Spud Date Date Reached TD Completion Date

Quarter Sec. Twp. S Rng. E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

**FROM CONFIDENTIAL**

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 to this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-11 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.

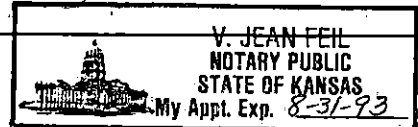
Signature Elwyn H. Nagel  
Title Elwyn H. Nagel, Manager Date 12/12/91

CONSERVATION DIVISION  
WICHITA, KS

Subscribed and sworn to before me this 12<sup>th</sup> 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 HIRT Well # 1-15  
 Sec. 15 Twp. 29s Rge. 11w  East County Pratt  
 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	<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	Herington	1915 (- 75)	BKC 4233 (-2393)
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ft. Riley	2089 (- 249)	Marmaton 4243 (-2403)
List All E.Logs Run: CZDL, CN, DIFL, GR, CAL, BHCA, BHCAFL		Red Eagle	2563 (- 723)	Conglom. 4312 (-2472)
		Onaga SH	2694 (- 854)	Miss. 4334 (-2494)
		Indian Cave	NR NR	Kinderhk SH 4384 (-2544)
		Howard	3121 (-1281)	Kinderhk SD NR NR
		Topeka	3343 (-1503)	Viola 4563 (-2723)
		Heebner	3636 (-1796)	Simpson SH 4653 (-2813)
		Douglas SH	3674 (-1834)	Simpson SD 4672 (-2832)
		Brown Lime	3809 (-1969)	Arbuckle 4734 (-2894)
		Lansing	3827 (-1987)	RTD 4784 (-2944)
				LTD 4783 (-2943)

See additional sheet.

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#	262'KB	60/40 POZ	225	2%Gel, 3%CC

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 TOF				
<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			

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
None				

Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
None	

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  Perf.  Dually Comp.  Commingled  
 Other (Specify) \_\_\_\_\_

Production Interval

None: D&A  
 Tight Hole!!

**F. G. HOLL COMPANY**

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

KCC  
DEC 12  
CONFIDENTIAL

HIRT #1-15  
130'S of C NW SW NE  
Sec 15-29s-11w  
Pratt County, KS  
API#: 15-151-22,065

RELEASED

JAN 25 1994

ORIGINAL

FROM CONFIDENTIAL

DST #1 4122-4150'=Log (LKC "K" Zone)  
1) Misrun - Leak in hydraulic tool by-pass

DST #2 4119-4150'=Log (LKC "K" Zone)

- 1) SBOB in 4 mins.
- 2) WBOB in 24 mins.

REC: 440' GIP  
45' O&GCM  
100' HO&GCM  
260' SO&GCMW (Chl: 110,000ppm)  
405' Total Fluid

IHP: 2091      IFP: 72-91:30"      ISIP: 1453:60"  
FHP: 2045      FFP: 139-187:60"      FSIP: 1458:90"  
BHT: 120F

DST #3 4311-4370'=Log (MISSISSIPPI)

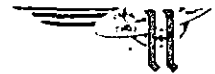
- 1) WB dead in 24 mins.
- 2) NB, Flush, NB

REC: 80' Mud  
IHP: 2239      IFP: 68-60:30"      ISIP: 147:60"  
FHP: 2232      FFP: 78-74:30"      FSIP: 121:60"  
BHT: 118F

RECEIVED  
KANSAS CORPORATION COMMISSION

DEC 16 1991

CONSERVATION DIVISION  
WICHITA, KS



KCC

**HALLIBURTON SERVICES DEC 1 2**

INVOICE

INVOICE NO.	DATE
173808	11/07/1991

A Halliburton Company

**CONFIDENTIAL**

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
HIRT 1-15		PRATT		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
PRATT	STERLING DRLG CO	PLUG TO ABANDON		11/07/1991	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO
392900	VAUGHN THOMPSON			COMPANY TRUCK	25346

**RELEASED**

F G HOLL  
 P O BOX 158  
 BELPRE, KS 67519

**JAN 2 5 1994**

**FROM CONFIDENTIAL**

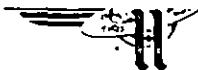
DIRECT CORRESPONDENCE TO:  
 FIRST OKLAHOMA TOWER  
 210 WEST PARK AVENUE  
 SUITE 2050  
 OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
<b>PRICING AREA - MID CONTINENT</b>					
000-117	MILEAGE	23	MI		
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK		
504-308	STANDARD CEMENT	72	SK		
506-105	POZMIX A	48	SK		
506-121	HALLIBURTON-GEL 2%	2	SK		
509-554	HALLIBURTON GEL - 100 LB.	4	SK		
500-207	BULK SERVICE CHARGE	128	CF		
500-306	MILEAGE CMTG MAT DEL OR RETURN	125.81	TMI		
INVOICE SUBTOTAL					
DISCOUNT-(BID)					
INVOICE BID AMOUNT					
*-KANSAS STATE SALES TAX					
*-PRATT COUNTY SALES TAX					
<b>RECEIVED</b> KANSAS CORPORATION COMMISSION DEC 16 1991 CONSERVATION DIVISION WICHITA, KS					
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

*[Handwritten signature]*

P.O. BOX 951046  
DALLAS, TX 75395-1046



**HALLIBURTON SERVICES**

INVOICE

INVOICE NO.	DATE
097799	10/28/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT	OWNER
HIRT 1-15		PRATT		KS	SAME	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE	
PRATT		STERLING DRG CO	CEMENT SURFACE CASING		10/28/1991	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
392900	VAUGHN THOMPSON			COMPANY TRUCK	24634	

RELEASED

F G HOLL  
P O BOX 158  
BELPRE, KS 67519

FROM CONFIDENTIAL

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
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	23	MI		
		1	UNT		
001-016	CEMENTING CASING	260	FT		
		1	UNT		
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8.625	IN		
		1	EA		
504-308	STANDARD CEMENT	225	SK		
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK		
500-207	BULK SERVICE CHARGE	237	CFT		
500-306	MILEAGE CMTG MAT DEL OR RETURN	248.86	TMI		
INVOICE SUBTOTAL					
DISCOUNT - (BID)					
INVOICE BID AMOUNT					
*-KANSAS STATE SALES TAX					
*-PRATT 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 ON UNPAID BALANCE PER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER EXCEEDING 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO COLLECT. COLLECTION COSTS AND

*[Handwritten signature]*

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
200 Colorado Darby Building  
Wichita, Kansas. 67202

WELL PLUGGING RECORD  
K.A.R.-82-3-117

ORIGINAL

API NUMBER 15-151-22,065

LEASE NAME Hirt

WELL NUMBER 1-15

3630 Ft. from S Section Line

2310 Ft. from E Section Line

SEC. 15 TWP. 29S RGE. (R) or (W)

COUNTY Pratt

Date Well Completed 11-7-91

Plugging Commenced 4:00p.m. 11-7-91

Plugging Completed 5:00p.m. 11-7-91

KCC

DEC 12

TYPE OR PRINT  
NOTICE: Fill out completely  
and return to Cons. Div.  
office within 30 days.

CONFIDENTIAL

LEASE OPERATOR F.G. Holl Company

ADDRESS P.O. Box 780167  
Wichita, Kansas 67278-0167

PHONE#(B16) 684-8481 OPERATORS LICENSE NO. 5056

Character of Well Dry Hole

(Oil, Gas, (D&A), SWD, Input, Water Supply Well)

The plugging proposal was approved on October 28, 1991 (date)

by Richard Lacey; Steve Pfeifer was present when plugged 11-7-91 (KCC District Agent's Name).

Is ACO-1 filed?                      If not, is well log attached? yes

Producing Formation                      Depth to Top                      Bottom T.O. 4784'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled out
				8 5/8"	262	NONE

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet each set. Filled hole with heavy mud, Plugged with 50 sacks at 700', 40 sacks at 300', 15 sacks at 60' to surface, all plugs through open ended drill pipe, and 15 sacks in the cathode used 60240 cement with 6% gel. by Halliburton

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Sterling Drilling Company License No. 5142

Address P.O. Box 129, Sterling, Kansas 67579

STATE OF Kansas COUNTY OF Rice, ss.

Richard L. Mead (Employee of Operator) or (Operator) of

above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct in the eyes of God.

RECEIVED  
KANSAS CORPORATION COMMISSION

(Signature) Richard L. Mead  
Richard L. Mead, President

(Address) P.O. Box 129, Sterling, Ks. 67579

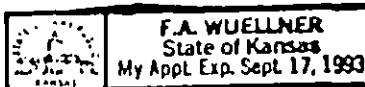
DEC 16 1991

SUBSCRIBED AND SWORN TO before me this 8 day of November, 19 91

CONSERVATION DIVISION  
WICHITA, KS

My Commission Expires:                     

P.A. Wuellner  
P.A. Wuellner Notary Public



STATE OF KANSAS  
STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
200 Colorado Derby Building  
Wichita, Kansas 67202

ORIGINAL

FORM CP-1  
Rev. 6/4/84

DEL  
COR  
DEC 12  
CONFIDENTIAL

WELL PLUGGING APPLICATION FORM  
(File One Copy)

API NUMBER 15-151-22,065 (of this well)  
(This must be listed; if no API# was issued, please note drilling completion date.)

LEASE OPERATOR F.G.Holl Company OPERATORS LICENSE NO. 5056  
ADDRESS P.O. Box 780167  
Wichita, Kansas 67278-0167 PHONE # (316) 684-8481

LEASE (FAPM) Hirt WELL NO. 1-15 WELL LOCATION NW-SW-NE COUNTY Pratt  
SEC. 15 TWP. 29S RGE. 11 (X or W) TOTAL DEPTH 4784' PLUG BACK TO \_\_\_\_\_

Check One:

OIL WELL \_\_\_\_\_ GAS WELL \_\_\_\_\_ D & A X SWD or INJ WELL \_\_\_\_\_ DOCKET NO. \_\_\_\_\_

SURFACE CASING SIZE 8 5/8" SET AT 262' CEMENTED WITH 225 SACKS

CASING SIZE \_\_\_\_\_ SET AT \_\_\_\_\_ CEMENTED WITH \_\_\_\_\_ SACKS

PERFORATED AT \_\_\_\_\_

CONDITION OF WELL: GOOD \_\_\_\_\_ POOR \_\_\_\_\_ CASING LEAK \_\_\_\_\_ JUNK IN HOLE \_\_\_\_\_

OPERATOR'S SUGGESTED METHOD OF PLUGGING THIS WELL Fill hole with heavy mud, plug with  
50. sx's at 700', 40 sx's at 300', 15 sx's at 60' to surface, and 15 sx's in  
the rat hole to use 60 X 40 pozmix w/6% Gel. Through open ended drill pipe  
(If additional space is needed use back of form)

IS WELL LOG ATTACHED TO THIS APPLICATION AS REQUIRED? Yes IS ACO-1 FILED? \_\_\_\_\_  
(If not, explain)

DATE AND HOUR PLUGGING IS DESIRED TO BEGIN 4:00 p.m. 11-7-91

PLUGGING OF THIS WELL WILL BE DONE IN ACCORDANCE WITH K.S.A. 55-101 minutes sec AND THE RULES AND  
REGULATIONS OF THE STATE CORPORATION COMMISSION.

NAME OF COMPANY REPRESENTATIVE AUTHORIZED TO BE IN CHARGE OF PLUGGING OPERATIONS: DEC 16 1991

Vaughn Thompson PHONE # (316) 278-2131

ADDRESS Box 129, Sterling, Kansas 67579

PLUGGING CONTRACTOR Sterling Drilling Company LICENSE NO. 5142

ADDRESS P.O. Box 129, Sterling, Kansas 67579 PHONE # (316) 278-2131

PAYMENT WILL BE GUARANTEED BY OPERATOR OR AGENT SIGNED: Richard L. Mead  
(Operator or Agent)

DATE: Richard L. Mead, President  
November 7, 1991

2100  
STERLING DRILLING COMPANY

BOX 129

STERLING, KANSAS 67579

November 8, 1991

SAMPLE LOG Located NW-SW-NE Sec. 15, T 29S R 11W, Pratt County, Kansas Hirt Farms 1-15

OWNER: F.G. Holl Company

ROTARY DRILLING CONTRACTOR: Sterling Drilling Company

COMMENCED: October 28, 1991

COMPLETED: November 7, 1991

TOTAL DEPTH: 4874' R.T.D.  
4873' L.T.D.

LOG

0' - 175' Surface Soil & Sand  
175' - 265' Red Bed  
265' - 1968 Shale  
1968' - 4874' Lime & Shale

CASING RECORD

Spud at 8:30 a.m. 10-28-91.  
Drilled 265' of 12 $\frac{1}{4}$ " hole  
Ran 6 joints of 8 5/8", 23#  
New Casing, 248.85' pipe, Set  
at 262' K.B. cemented with 225  
sacks of 60/X 40 Pozmix with  
2% Gel. & 3% CC. Plug down at  
1:15 p.m., October 28, 1991. By  
Howco. Good returns to surface.

Plugged.

DEVIATION SURVEYS

1° at 4154'  
1 $\frac{1}{4}$ ° at 4784'