

ORIGINAL

SIDE ONE

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

API NO. 15- 185-22,687-0000

County Stafford  
240' N of C W2 NW NW Sec. 11 Twp. 21s Rge. 11  East West

Operator: License # 5056

4860 Ft. North from Southeast Corner of Section

Name: F. G. Holl Company

4950 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Address 6427 E. Kellogg

Lease Name SCHAFFER Well # 7-11

P.O. Box 780167

Field Name Snider

City/State/Zip Wichita, KS 67278-0167

Producing Formation None

Purchaser: None

Elevation: Ground 1750' KB 1759'

Operator Contact Person: Elywn H. Nagel

Total Depth 3375' PBTD None

Phone ( ) (316) 684-8481

Contractor: Name: Sterling Drilling

License: 5142

Wellsite Geologist: Brent B. Reinhardt

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

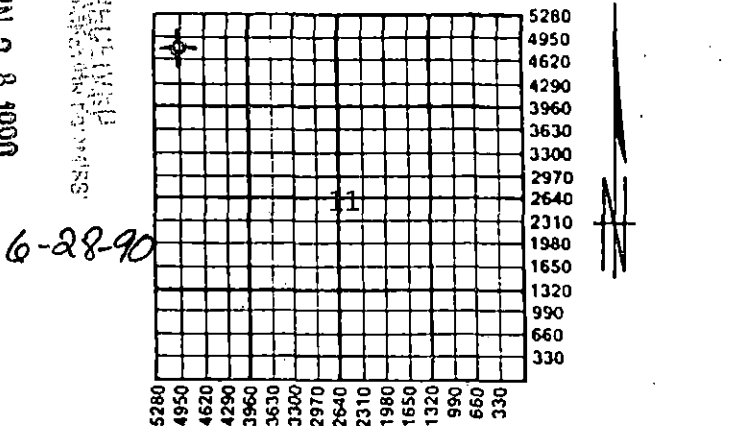
If OWO: old well info as follows:  
Operator: \_\_\_\_\_

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

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

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

6/18/90 6/23/90 6/24/90  
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 277 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.

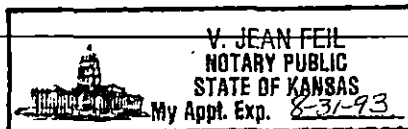
Signature Elywn H. Nagel

Title Elwyn H. Nagel Date 6/27/90

Subscribed and sworn to before me this 27<sup>th</sup> day of June, 19 90.

Notary Public V. Jean Feil

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)

SIDE TWO

JAN 15 1950

Operator Name F. G. Hold Company Lease Name SCHAFFER Well # 7-11  
 Sec. 11 Twp. 21S Rge. 11W  East  West  
 County Stafford

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 page.

Formation Description

Log  Sample

Name \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

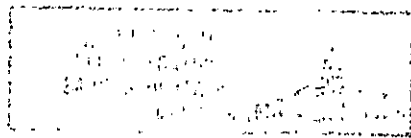
See attached page.

CASING RECORD <input checked="" type="checkbox"/> New <input 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"	23#	277'	60/40 POZ	225	2%Gel, 3%CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
NONE							
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
	Size.	Set At	Packer At				
NONE							
Date of First Production	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  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_



## F. G. HOLL COMPANY

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

ORIGINAL

SCHAFFER #7-11  
240'N of C W2 NW NW  
Sec 11-21s-11w  
Stafford County, KS

## LOG TOPS:

ANHYDRITE (TOP)	478 (+1281)
ANHYDRITE (BASE)	488 (+1271)
HERINGTON	1455 (+ 304)
WINFIELD	1499 (+ 260)
GAGE	1530 (+ 229)
TOWANDA	1566 (+ 193)
SEVERY	2582 (- 823)
TOPEKA	2636 (- 877)
KING HILL	2728 (- 969)
QUEEN HILL	2811 (-1052)
OREAD	2878 (-1119)
HEEBNER	2910 (-1151)
TORONTO	2929 (-1170)
DOUGLAS	2942 (-1183)
BROWN LIME	3041 (-1282)
LANSING	3065 (-1306)
BKC	3297 (-1538)
MARMATON	3301 (-1542)
ARBUCKLE	3333 (-1574)
RTD	3375 (-1616)
LTD	3375 (-1616)

## DRILL STEM TESTS:

DST #1: 3066-3120 LANSING "A" - "D"  
30:60:60:90  
1)FB-OBOB in 17 mins  
2)FB-OBOB in 27 mins  
REC: 180' GIP  
120' GM w/VSSO  
60' O&GCM (20%O, 30%W)  
60' O&GCM (20%O, 50%W)  
240' Total Fluid  
IHP: 1564  
IFP: 142-137 30"  
ISIP: 1030 60"  
FFP: 166-161 60"  
FSIP: 1010 90"  
FHP: 1482  
BHT: 102°F

CONSERVATION DIVISION  
Wichita, Kansas

JUN 28 1990

STATE OF KANSAS  
DEPARTMENT OF  
CONSERVATION

SCHAFFER #7-11  
 240'N of C W2 NW NW  
 Sec 11-21s-11w  
 Stafford County, KS

ORIGINAL

## DST #2: 3137-3155 LANSING "F" ZONE

30:60:60:90  
 1)FB-OBOB in 29"  
 2)FB-OBOB in 59"  
 REC: 120' GIP  
 120' GM w/VSSO  
 280' Slt GW  


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 400' Total Fluid  
 IHP: 1507  
 LFP: 37-68 30"  
 ISIP: 967 60"  
 FFP: 113-187 60"  
 FSIP: 950 90"  
 FHP: 1494  
 BHT: 104°F

## DST #3: 3295-3335 ARBUCKLE

30:30:30:30  
 1)WB Dead in 15 mins  
 2)NB  
 REC: 50' GIP  
 10' OCM  


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 10' Total Fluid  
 IHP: 1663  
 LFP: 63-29 30"  
 ISIP: 74 30"  
 FFP: 54-34 30"  
 FSIP: 70 30"  
 FHP: 1627  
 BHT: 105°F

## DST #4: 3335-3345 ARBUCKLE

30:60:60:90  
 1)WB-10" in Bucket in 30 mins  
 2)WB-16" in Bucket in 50 mins  
 REC: 300' GIP  
 10' CO  
 60' Slt MW w/SSO (1%O, 60%W)  
 60' Slt MW w/SSO (1%O, 83%W)  
 180' Water  


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 310' Total Fluid  
 IHP: 1650  
 LFP: 37-50 30"  
 ISIP: 1146 60"  
 FFP: 84-142 60"  
 FSIP: 1150 90"  
 FHP: 1597  
 BHT: 106°F

CONSERVATION DIVISION  
 Wichita, Kansas

JUN 28 1990

RECORDED  
 STATE OF KANSAS CONSERVATION

## STERLING DRILLING COMPANY

BOX 129

STERLING, KANSAS 67579

ORIGINAL

WELL LOG - - - - - SCHAFFER #7-11

Located: 240' North of C W/2 NW NW, Section 11-21S-11W,  
Stafford County, Kansas

OWNER: F. G. Holl Company

ROTARY DRILLING CONTRACTOR: Sterling Drilling Company

COMMENCED: June 18, 1990

COMPLETED: June 24, 1990

TOTAL DEPTH: 3375'

LOGCASING RECORD

0 - 180 Sand and Clay

180 - 280 Red Bed

280 - 1320 Red Bed, Shale

1320 - 3375 Lime and Shale

Ran 6 joints 8 5/8" casing. 264.87'  
pipe set at 277' K.B. Cemented with  
225 sacks 60/40 Pozmix with 2% gel  
and 3% cc. Plug down at 11:45 AM,  
6-18-90, by B. J. Titan.

Plugged.

RECEIVED  
STATE GEOLOGICAL SURVEY  
JUN 28 1990  
CONSERVATION DIVISION  
Wichita, Kansas

Deviation Survey: 3/4° at 3120'



ORIGINAL

CUSTOMER

INVOICE DATE  
06/18/90

15.185.22687.0000

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	PERMIT TO: B.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77212
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PAGE 1	INVOICE NO. T2011
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AUTHORIZED BY: 609121
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PURCH. ORDER REF. NO.
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F. G. HOLL  
P.O. BOX 780167  
WICHITA

KS 67278

WELL NUMBER : 7-11

CUSTOMER NUMBER : 08525003

LEASE NAME AND NUMBER SCHAFFER	STATE 14	COUNTY/PARISH	CITY	DISTRICT NAME GREAT BEND	DISTR. NO. 3310
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB 06/18/90	TYPE OF SERVICE LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE	
10100303	1.00	CEMENTING CASING 0 TO 300 FT.	[REDACTED]	[REDACTED]	[REDACTED]	
10109005	42.00	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	2 5/8" TOP HOLE (SURFACE) PLUG				EA
10880001	225.00	MIXING SEVICE CHRG DRY MATERIALS, P				
10940101	382.20	DRAYAGE, PER TON MILE				
SUBTOTAL						
DISCOUNT					[REDACTED]	

ACCOUNT	4.25000% STATE TAX 1.00000% COUNTY TAX	<p>RECEIVED STATE CORPORATION COMMISSION JUL 13 1990 CONSERVATION DIVISION Wichita, Kansas</p>
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TAX EXEMPTION STATUS:

PAY THIS AMOUNT →



CUSTOMER

INVOICE DATE  
06/23/90

DIRECT BILLING INQUIRIES TO: 713-695-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	SHIP TO: B.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77212
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PAGE 1	INVOICE NO. T3024
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F. G. HOLL  
P.O. BOX 740167  
WICHITA

KS 67278

ORIGINAL

AUTHORIZED BY  
609426

PURCH. ORDER REF. NO.

WELL NUMBER : 7-11

CUSTOMER NUMBER : 08525002

LEASE NAME AND NUMBER SCHAFER	STATE 14	COUNTY/PARISH	CITY	DISTRICT NAME GREAT BEND	DISTR. NO. 3310
JOB LOCATION/FIELD STERLING ORLG	MTA DISTRICT	DATE OF JOB 06/23/90	TYPE OF SERVICE LAND-PLUG AND ABANDON		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
1010030	1.00	CEMENTING CASING 0 TO 300 FT.			
1010900	42.00	MILEAGE CHRG, FROM NEAREST BASE OF			
10410504	78.00	CLASS "A" CEMENT		CF	
10415012	52.00	FLY ASH		CF	
10420145	671.00	BJ-TITAN GEL, BENTONITE, BULK SALES		LB	
10880001	130.00	MIXING SEVICE CHRG DRY MATERIALS, P			
10940101	123.00	DRAYAGE, PER TON MILE			
			SUBTOTAL		
			DISCOUNT		

ACCOUNT	4.25000% STATE TAX 1.00000% COUNTY TAX		
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TAX EXEMPTION STATUS: PAY THIS AMOUNT →