

ORIGINAL

TIGHT HOLE! KCC

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- 185-22,763.0000 AUG 30

County Stafford

SW SE Sec. 17 Twp. 21s Rge. 11w X West

RELEASED

Operator: License # 5056

330 Ft. North from Southeast Corner of Section

Name: F. G. Holl Company

SEP 1 4 21 1993

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

Address 6427 E. Kellogg

P.O. Box 780167

Well # 6B-17

City/State/Zip Wichita, KS 67278-0167

Field Name Snider South

Purchaser: Koch

Producing Formation Arbuckle

Operator Contact Person: Elwyn H. Nagel

Elevation: Ground 1771' KB 1780'

Phone (316) 684-8481

Total Depth 3540' PBTD None

Contractor: Name: Sterling Drilling Company

License: 5142

Wellsite Geologist: Jeff Klock

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

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

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

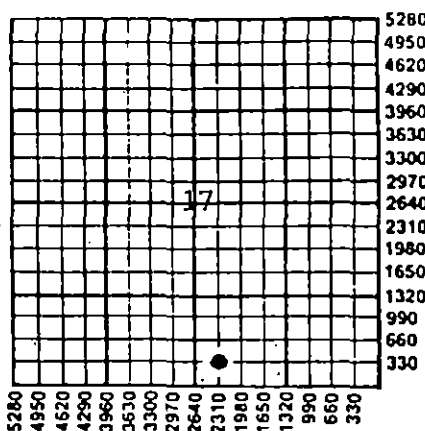
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

4/24/91 4/30/91 5/16/91  
Spud Date Date Reached TD Completion Date

RECEIVED  
STATE CORPORATION COMMISSION  
SEP 7 1991



Amount of Surface Pipe Set and Cemented at 268' 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.

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 8/30/91

Subscribed and sworn to before me this 30th day of August, 19 91.

Notary Public V. Jean Feil

Date Commission Expires \_\_\_\_\_

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  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

P1

TIGHT HOLE!!

SIDE TWO

Operator Name F. G. Holl Company Lease Name SMITH "C" 6B Well # 6B-17  
County Stafford  
Sec. 17 Twp. 21s Rge. 11w  
 East  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  Yes  No  
(Attach Additional Sheets.)  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No  
(Submit Copy.)

Formation Description

Log  Sample

Name	Top	Bottom
WINFIELD	1560 (+ 220)	LANSING 3132 (-1352)
NEVA	2013 (- 233)	BKC 3352 (-1572)
TOPEKA	2695 (- 915)	SIMPSON SD 3381 (-1601)
HEEBNER	2982 (-1202)	ARBUCKLE 3436 (-1656)
TORONTO	3004 (-1224)	RTD 3540 (-1760)
DOUGLAS SH	3017 (-1237)	LTD 3536 (-1756)
BROWN LIME	3110 (-1330)	

See attached DST 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#	268'KB	60/40 POZ	225	2%Gel, 3%CC
Production	7 7/8"	5 1/2" (N&U)	14#	3536'KB	Lite	50	Salt, Gils.
					50/50 POZ	125	

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

4SPF	3438-3441 (Arbuckle)	AC:500qls (Sptd on btm), PERF, 3441'
		TBG set at 3511, SWB: 4.66
		BFPH 55% Oil. SWB: 4.86 BFPH
		83% Oil.

TUBING RECORD

Size 2 7/8" Set At 3511' Packer At None

Liner Run  Yes  No

Date of First Production <u>5/16/91</u>	Producing Method <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 <u>35</u> Bbls. Gas <u>100</u> Mcf Water <u>100</u> Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented  Sold  Used on Lease  
(If vented, submit ACO-18.)

Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify)

3438-3441  
(Arbuckle)

TIGHT HOLE!

15.185.22763.0000

# ORIGINAL

## F. G. HOLL COMPANY

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

KCC

AUG 30

CONFIDENTIAL

ACO-1 (Continued)

SMITH "C" 6B-17  
SW SW SE, Sec 17-21s-11w  
Stafford County, KS

RECEIVED  
STATE REPRESENTATIVE COMMISSION  
SEP 1 1991

RELEASED

SEP 14 1993

DST #1 (3140-3195) LANSING "A" - "D"  
1) SBOB in 18 mins.      2) SBOB in 23 mins.

REC: 5' CO  
180' SOsptdMud (5%O, 65%M, 30%W)  
795' OSptdW (10, 12%M, 88%W)  
975' Total Fluid

IHP: 1585      IFP: 125-287:30"      ISIP: 1174:60"      BHT: 121F  
FHP: 1569      FFP: 344-481:60"      FSIP: 1174:90"

FROM CONFIDENTIAL

DST #2 (3361-3395) SIMPSON SAND  
1) WB 2" in Bucket      2) WB 1 3/4" in Bucket

REC: 150' GIP  
150' SG&OSM (Less than 1% Oil)

IHP: 2130      IFP: 54-39:30"      ISIP: 185:60"      BHT: 117F  
FHP: 2095      FFP: 74-53:30"      FSIP: 179:60"

DST #3 (3437-3447) ARBUCKLE  
1) SBOB in 4 mins.      2) WBOB in 14 mins.

REC: 1020' GIP  
180' CGO (25%G, 75%O)  
180' CGO (30%G, 70%O)  
210' CGO (20%G, 80%O)  
120' SM&WGO (22%G, 52%O, 15%M, 11%W)  
60' SM&WGO (12%G, 52%O, 18%M, 18%W)  
60' G&OCWM (15%G, 20%O, 35%M, 30%W)  
180' SG&OCMW (2%G, 2%O, 18%M, 78%W)  
930' Total Fluid

IHP: 1710      IFP: 125-258:30"      ISIP: 899:60"      BHT: 119F  
FHP: 1673      FFP: 332-433:60"      FSIP: 887:90"

DST #4 (3448-3457) ARBUCKLE  
1) SBOB in 1 min.      2) SBOB in 1 min.

REC: 2150' Wtr w/TO on Top  
IHP: 1789      IFP: 294-606:30"      ISIP: 1013:60"      BHT: 121F  
FHP: 1638      FFP: 737-928:60"      FSIP: 1040:90"



ORIGINAL

15.185.22763.0000

KCC

AUG 30

INVOICE DATE

DIRECT BILLING INQUIRIES TO	JEBMS	REMIT TO	IA
	30 DAYS		

PAGE	INVOICE NO.

AUTHORIZED BY

PURCH. ORDER REF. NO.

RELEASED

SEP 14 1993

FROM CONFIDENTIAL

... HELL  
 C/O ART NERRICK  
 P.O. BOX 568  
 BELLEVILLE, KS 67519

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
	14	1409		Great Bend	582
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE		
NA		04/24/91	LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100302	1.00	CEMENT CASING 0 TO 300 FEET			
10109005	20.00	MILEAGE CHRG, FROM NEAREST RACE OF			
10410504	135.00	CLASS "A" CEMENT		BT	
10415013	90.00	FLY ASH		CFT	
10415043	581.00	A-7-P CALCIUM CHLORIDE W/LL TS		LB	
10420145	387.00	BJ-TITAN GEL, BENTONITE, BULK SALE		LB	
10430539	1.00	8 5/8" TOP HOLE (SURFACE) PLUG		EA	
10880001	225.00	MIXING SERVICE CHRG DRY MATERIALS,			
10940101	204.00	DRAYAGE, PER TON MILE			

RECEIVED  
 STATE CORPORATION COMMISSION  
 SEP 4 1991  
 CONSERVATION DIVISION  
 Wichita, Kansas

ACCOUNT	1.0000% BARTON 4.2500% KS-NEW WELL
---------	---------------------------------------

TAX EXEMPTION STATUS:	PAY TO



INVOICE DATE

DIRECT BILLING INQUIRIES TO	TERMS	REMIT TO
713-895-		

PAGE	INVOICE NO.
	335795

AUTHORIZED BY
535795

PURCH. ORDER REF. NO.

W. W. HILL  
 C/O ART SERVICES  
 P.O. BOX 56  
 BELPAT, KY

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
SMITH	14	14		Great Bend	582
JOB LOCATION/FIELD		MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE	
ELLINWOOD			04/30/91	LAND-LONG STRING/PRODUCT	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100318	1.00	CEMENT CASING 3,000 TO 3,500			
10109005	20.00	MILEAGE CHRG, FROM NEAREST BASE OF			
10409600	1.00	INSEPT		GAL	
10409600	1.00	GUIDE SHOE		GAL	
10409600	3.00	CENT		GAL	
10410504	96.00	CLASS "A" CEMENT		QT	
10415018	79.00	FLY ASH		CFT	
10415038	1550.00	A-5 SALT		LB	
10415080	625.00	GILSONITE		LB	
10420145	474.00	BJ-TITAN GEL, BENTONITE, BULK SALE		LB	
10422008	31.00	CELLO FLAKE		LB	
10424005	79.00	CS-31		LB	
10424530	18.00	FP-8		LB	
10425010	500.00	MUD-SWEEP, WITH BJ-TITAN PUMPING E		GAL	
10430620	1.00	5 1/2" TOP PLUG RESIN/PLASTIC CORE		EA	
10880001	175.00	MIXING SERVICE CHRG DRY MATERIALS,			
10902505	1.00	ROTATING HEAD, WHEN USED WITH BJ-T			
10940101	176.00	DRAYAGE, PER TON MILE			