

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

CONFIDENTIAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5056
Name: F.G. Holl Company, L.L.C.
Address: 9431 E. Central, P.O. BOX 780167
City/State/Zip: Wichita, Kansas 67278-0167
Purchaser: Kansas Gas Supply
Operator Contact Person: Franklin R. Greenbaum
Phone: (316) 684-8481
Contractor: Name: Sterling Drilling Company, Rig #1
License: 5142
Wellsite Geologist: James C. Musgrove

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: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

11/24/2002 12/03/2002 01/10/2003
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 185-23,170-0000
County: Stafford 100 E. & 160' S. of
C -NW- NW Sec. 17 Twp. 21 S. R. 14 East West
820 feet from S (N) (circle one) Line of Section
760 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: OSBORNE Well #: 1-17
Field Name: John-Drew

Producing Formation: Red Eagle
Elevation: Ground: 1934' Kelly Bushing: 1943'
Total Depth: 3775' Plug Back Total Depth: 2730'
Amount of Surface Pipe Set and Cemented at 840' 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 ACT 1 DPW 10-27-05
(Data must be collected from the Reserve Pit)
Chloride content 32,000 ppm Fluid volume 900 bbls
Dewatering method used Hauled to disposal
Location of fluid disposal if hauled offsite: _____
Operator Name: John J. Darrah
Lease Name: ANSHUTZ SWD #2 License No.: 5088
Quarter NE Sec. 15 Twp. 21 S. R. 14 East West
County: Stafford Docket No.: D-17,893

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WICHITA, KS

MAR 25 2003

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: Franklin R. Greenbaum
Title: Exploration Manager Date: 03/24/2003
Subscribed and sworn to before me this 24th day of March, 2003
19_____. Betty B. Herring
Notary Public: Betty B. Herring
Date Commission Expires: 04/30/2006

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
UIC Distribution

Notary Public - State of Kansas
BETTY B. HERRING
My Appt. Exp. 4/30/2006

JAN 13 2005

Side Two

ORIGINAL

Operator Name: F.G. Holl Company, L.L.C.

Lease Name: OSBORNE

Sec. 17 Twp. 21 S. R. 14 East West

County: Stafford. 100 E. & 160' S. of

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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)

List All E. Logs Run:

CNL/CDL/DIL
MEL/BHCS

Log Formation (Top), Depth and Datum Sample

Name Top Datum

See attached 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"	24#	840'KB	Common	125sx	3%cc, 1/4#/sx cc
					A-Con	190sx	2%cc, 1/4#/sx c
Production		4-1/2	10.5#	2772.51'KB	50/50 Poz	175sx	

ADDITIONAL CEMENTING / SQUEEZE RECORD

A.Serv. Lite 35sx

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
4 SPF	2387' - 2420' Red Eagle		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	2420'	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
Waiting for Gas line connection 8/15/03	<input checked="" type="checkbox"/> Flowing <input 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
		1,012			

Disposition of Gas METHOD OF COMPLETION Production Interval

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

Open Hole Perf. Dually Comp. Commingled
 Other (Specify)

2387' - 2420' Red Eagle

KCC
DPW
PER
OPER
11-02-05

KCC
DPW
PER
OPER
11-2-05

DAILY DRILLING REPORT – OSBORNE NO. 1-17
Stafford County, Kansas

CONFIDENTIAL

15185 23170 ~~0000~~

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Formation	Sample Tops	Datum	E-Log Tops	Datum
Anhy			877	+1067
B/Anhy				
Herrington	1823	+121	1828	+116
Winfield	1882	+62	1881	+63
Towanda	1949	-5	1946	-2
Ft. Riley	1983	-39	1981	-37
Florence			2036	-92
B/Florence	2077	-133	2078	-134
Wreford			2131	-187
Council Grove			2152	-208
Neva			2325	-381
Red Eagle			2381	-437
Root Shale			2634	-690
Stotler			2695	-751
Tarkio			2754	-810
Howard			2897	-953
Topeka			2968	-1024
Heebner			3250	-1306
Douglas			3285	-1341
LKC			3369	-1425
BKC			3590	-1646
Viola			3611	-1667
Simpson Shale			3656	-1712
Simpson SS			3676	-1732
Arbuckle			3713	-1769
RTD			3775	-1831
LTD				

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SALES OFFICE:
 105 S. Broadway
 Suite #420
 Wichita KS 67202
 (316) 262-3699
 (316) 262-5799 FAX

SALES & SERVICE OFFICE:
 108244 NE Highway 63
 P.O. Box 416133
 Omaha, KS 68141-1133
 (316) 672-1200
 (316) 672-5811 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to: F G HOLL P O BOX 158 BELPRE, KS 67519 <i>11/30/02 3678275</i> <i>12/18</i> <i>4051050</i>	Invoice	Invoice Date	Order	Order Date	
	211065	11/27/02	5545	11/25/02	
	Service Description				
	Cement				
	Lease		Well		
	Osborne		1-17		
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms
	G. Pugh	D. Scott	New Well		Net 30

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D200	COMMON	SK	125		
D201	A-CON BLEND (COMMON)	SK	190		
C310	CALCIUM CHLORIDE	LBS	891		
C195	CELLFLAKE	LB	75		
C321	CEMENT GEL	LB	236		
F143	WOODEN CEMENT PLUG, 8 5/8"	EA	1		
F263	BAFFLE PLATE ALUMINUM, 8 5/8"	EA	1		
E107	CEMENT SERVICE CHARGE	SK	315		
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45		
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	668		
R202	CASING CEMENT PUMPER, 501-1000'	EA	1		
R701	CEMENT HEAD RENTAL	EA	1		

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CONSERVATION DIVISION
 WICHITA, KS

Discoun

Tax Rate: 6.30%

(T) Taxable Item

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.

TREATMENT REPORT



Customer ID		Date	
Customer FG Hall		11-25-02	
Lease Osborne		Lease No.	Well # 1-17

Field Order # 3343	Station Pratt KS	Casing 8 5/8	Depth 838	County Stafford	State KS
Type Job Surface New Well			Formation	Legal Description 17-215-14w	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid 12.55kl' 3% CC 2 1/4 bel 1/4 C.F.	RATE	PRESS	ISIP
Depth 793	Depth	From	To	Perf Pad 190 ski A-Con 3% CC 1/4 C.F.	Max		5 Min.
Volume 30.5	Volume	From	To	Pad 1.36 #3 15.0 oppg	Min		10 Min.
Max Press 1000	Max Press	From	To	Ejac 2.56 #3 12.0 oppg	Avg		15 Min.
Well Connection	Annulus Vol.	From	To	30.2 + 86.6 = 116	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative Gary Pugh	Station Manager Dave Austry	Treater D. Scott
Service Units 106 23 38 70		

Time	Casing Pressure	Tubing Pressure	Bble. Pumped	Rate	Service Log
0330					On loc w/Trki Safety mtg B.P. Top S.J. Log on Bottom Circ w/Rig
0600	300		5	6	H2O Spacer
0602	300		86.6	6	Mix lead amt @ 12.0 oppg 190 ski
0616	100		30.2	6	Mix Tail amt @ 15.0 oppg 12.55 ki
0621	0				Chose In Release Plug
0622	100			6	St Disp 4/ H2O
0628	500		50.5	0	Plug Down on Baffle Plate Chose In w.H. Circ 14 Bbli amt = 30 ski ✓

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**Job Complete
Thank you
Scotty**



SALES OFFICE:
 105 S. Broadway
 Suite #420
 Wichita KS 67202
 (316) 262-3699
 (316) 262-5799 FAX

SALES & SERVICE OFFICE:
 10244 NE Hiway 61
 P.O. Box 8613
 Pratt, KS 67124-8613
 (316) 672-1201
 (316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:			Invoice	Invoice Date	Order	Order Date
F G HOLL P O BOX 158 BELPRE, KS 67519			212005	12/10/02	5462	12/3/02
Service Description						
Cement						
			Lease		Well	
			Osborne		1-17	
AFE	CustomerRep	Treater	Well Type		Purchase Order	
	R. Long	T. Seba	New Well		Net 30	

3678275
 12/3/02
 1/8/03
 4051050

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D204	50/50 POZ (COMMON)	SK	175		
D206	A-SERV LITE (COMMON)	SK	50		
D203	60/40 POZ (COMMON)	SK	40		
C195	FLA-322	LB	153		
C194	CELLFLAKE	LB	48		
C243	DEFOAMER	LB	20		
C321	GILSONITE	LB	2247		
C311	CAL SET	LBS	868		
C320	CEMENT GELL	LB	434		
C310	CALCIUM CHLORIDE	LBS	294		
C302	MUD FLUSH	GAL	500		
C303	SUPER FLUSH	GAL	500		
C221	SALT (Fine)	GAL	400		
F100	TURBOLIZER, 4 1/2"	EA	6		
F120	BASKET, 4 1/2"	EA	1		
F170	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1		
F270	CEMENTING SHOE PACKER TYPE, 4 1/2"	EA	1		
F292	CEMENT SCRATCHERS ROTATING TYPE	EA	30		
R402	CEMENT PUMPER, ADDITIONAL HRS ON LOCATION	HR	4		
C312	GAS BLOCK	LB	111		
E107	CEMENT SERVICE CHARGE	SK	265		
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45		
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	509		

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PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tu

Accounts become past due the last day of the month following billing. Interest rate 1.5% per mo

TREATMENT REPORT



Customer ID		Date	
Customer F.G. Hill		12-3-02	
Lease OSBORNE		Lease No.	Well # 1-17

Field Order # 5162	Station PRATT	Casing 4 1/2	Depth 2722.51	County STAFFORD	State KS
Job Plug 4 1/2 PKR SHOE LS. NEW WELL			Formation	Legal Description 77-215-14W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2 D.P.	Tubing Size	Shots/Ft		40 SKS 40 SKS 6040 Pce	W/O GEL	RATE	PRESS	ISIP
Depth 2700'	Depth	From	To	Pre Pad 13.3 #/GAL 1.59 P3	Pad	Max		5 Min.
Volume	Volume	From	To	Frac		Min		10 Min.
Max Press	Max Press	From	To			Avg		15 Min.
Well Connection	Annulus Vol.	From	To	Flush		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To			Gas Volume		Total Load

Customer Representative Rob Long	Station Manager D. ATRY	Treater T. SEBA
---	--------------------------------	------------------------

Service Units		114	23	38	71				
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Notes	Service Log			
15:30					Plug Back	LOG #1			
17:00					Called out				
					on loc w/ tel's & F.G. SAFETY MEET				
					RIG RUNNING D.P.				
17:45					D.P. ON BOTTOM CONC 1 hr				
19:10					Hook up to D.P.				
19:25	300		15	4	Pump H ₂ O Break Circ				
			11.33		mix & Pump 40 SKS @ 13.3 #/GAL				
			5		Pump H ₂ O				
			38		Pump mud				
19:40	0				SHUT DOWN				
					RIG LAY DOWN D.P.				
					RTA R/W 73 JTS 4 1/2 10.5" CSS				
					PKR SHOE & L O. Baffle 1ST = 9.92'				
					CONF 2.5-7-9-11-12 CMT BULL JT #12				
					SCRATCHED 9-10-11-12 2320'-2480'				
23:30					START CSG				
1:30					CSG ON BOTTOM				
1:55					Hook up to CSG & Break Circ w/ RIG				
3:00					Restart				
3:30					Deep Drill & LET FALL				
4:00	2100		5		SET PKR w/ Pump TEL				

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Mud-Co / Service Mud, Inc.

Operator **FG Holl** County/State **Stafford, Ks.** Pump **6** **15** **14** X **90** SPM Casing Program **8 5/8** " @ **840** ft.
 Well **#1-17 Osborne** Location _____ GPM **8.22** BPM _____ " @ _____ ft.
 Contractor **Sterling Drilling #1** Sec **17** TWP **21S** RNG **14W** D.P. **4 1/2** in. **203** FT/MIN R.A. _____ " @ _____ ft.
 Stockpoint **Pratt, Ks.** Date **11/24/02** Engineer **Rick Hughes** Collar **6 1/4** in. **597** ft. **368** FT/MIN R.A. Total Depth **3775** ft.

DATE	DEPTH feet	WEIGHT lb/gal	VISCOSITY			GELS 10 sec / 10 min.	pH Strip _ Meter _	FILTRATION		FILTRATION ANALYSIS			SAND %	RETORT			L.C.M. #/bbl	Pump Press. PSI	CUMULATIVE COST	REMARKS AND TREATMENT
			Sec API @ F	PV @ F	Yp			ml API	Cake 32nds	Pres. #/BBL	Cl ppm	Ca ppm		Solids %	Oil %	Water %				
11/24	0																		Rig up	
11/26	1765	8.7	48	11	20	18/30	7.5	5.6	1		5000	nc		2.4		97.6			Drlg.	
11/27	2067	9.0	37	7	19	22/27	7.0	12.8	2		18m	hvy		3.8		96.2			Drlg., DST #1 - 1879'	
11/28	2455	9.3	37	6	16	15/18	7.0	13.2	2		27m	hvy		5.5		94.5			Drlg.	
	2605	9.3	53	12	23		7.0	10.2	2		23m	hvy		5.8		94.2	1		Drlg.	
11/29	3010	8.8	40	12	6	06/17	11.5	8.0	1		2500	40		3.6		96.4	1		Spot barite, trip out at 2927' to rig up BOP. Displace system at 2996'	
12/01	3507	9.2	57	23	16	12/34	8.5	8.0	1		4800	100		6.1		93.9	2		DST #3	
12/02	3595	9.3	42	12	9	04/30	8.5	8.0	1		4700	110		6.8		93.2	1		DST #5, DST #4 -3535'	
12/03	3775	9.4	55	18	15	23/46	10.5	8.8	2		4000	80		7.6		92.4	1		Logging, DST #6 - 3616'. Final, Ran production casing	
																			Reserve pit: 32,000 ppm chlorides 900 bbls volume	

MUD-CO / SERVICE MUD INC

100 S. Main Suite #405
Wichita, Ks. 67202
316/264-2814 Fax: 316/264-5024

DRILLING MUD RECAP

MATERIALS	AMOUNT	MATERIALS	SACKS	AMOUNT	MATERIALS	SACKS	AMOUNT
C/S Hulls	100						
Caustic Soda	16						
Drill Pak	3						
Lime	2						
Barite	1000						
Premium Gel	354						
Salt Clay	35						
Soda Ash	17						
Starch	65						
Super Lig	10						

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Total Mud Cost	
Trucking Cost	
Trucking surcharge	
Taxes	
TOTAL COST	