

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

6/02/10

Form ACO-1
October 2008
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 1: 9431 E. Central, Suite 100
Address 2: _____
City: Wichita State: KS Zip: 67206 + 2563
Contact Person: Franklin R. Greenbaum
Phone: (316) 684-8481, Ext. 206

CONTRACTOR: License # 5929
Name: Duke Drilling Company Inc., Rig #8
Wellsite Geologist: Rene Hustead
Purchaser: NCRA
Designate Type of Completion:
 New Well Re-Entry
 Oil SWD SLOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 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. Conv. to WDW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Docket No.: _____
 Dual Completion Docket No.: _____
 Other (SWD or Enhr.?) Docket No.: _____
03/12/2009 03/20/2009 05/22/2009
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 165-21,847-0000
Spot Description: 100' S. of
C W2 SE NE Sec. 19 Twp. 19 S. R. 16 East West
2080 Feet from North / South Line of Section
990 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Rush
Lease Name: WILTSE Well #: 1-19
Field Name: Wildcat
Producing Formation: Arbuckle
Elevation: Ground: 2117 Kelly Bushing: 2125
Total Depth: 4300 Plug Back Total Depth: 3926'
Amount of Surface Pipe Set and Cemented at: 1122 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 AKINS 7-09
(Data must be collected from the Reserve Pit)
Chloride content: 49,000 ppm Fluid volume: 1200 bbls
Dewatering method used: No free fluids
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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: 6/2/2009
Subscribed and sworn to before me this 2nd day of June, 2009
State of Kansas; Sedgwick County
20 _____
Notary Public: Betty H. Spotswood
Date Commission Expires: 04/30/2010

Notary Public - State of Kansas
BETTY H. SPOTSWOOD
My Appointment Expires 4/30/2010

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

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

Lease Name: WILTSE

Well #: 1-19

Sec. 19 Twp. 19 S. R. 16 East West

County: Rush

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:

CDL/CNL/ML
DIL/BHCS/Resistivity
CPI

Log Formation (Top), Depth and Datum Sample

Name Top Datum

See attachment

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"	23#	1122'	Common	395sx	
Production	7-7/8"	5-1/2"	14#	4299'	60/40Poz	25sx	
					AA2	125sx	

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
2 SPF	3929' - 30'		
2 SPF	3882' - 83'	Treat w/ 150 gal 15% dsfe acid	
2 SPF	3883' - 85'	Treat w/ 200 gal 15% nefe acid.	
2 SPF	3886' - 90'		
	CIBP @ 3926'		

TUBING RECORD: Size: <u>2-7/8"</u> Set At: <u>3910</u>		Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of Test: <u>1/11/01</u> Reservoir Production, SWD or Enhr.		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 Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3882' - 3890' OA Arbuckle</u>
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JUN 02 2009

TREATMENT REPORT

rgy services, L.P.

Operator: **F.G. Holl Co. LLC** Lease No. **1-19** RECEIVED Date **3-13-09**

Lease: **WILTSE** Well # **1-19**

Field Order # **19299** Station **Pratt KS** Casing **8 5/8** Depth **1121'** County **Rush** State **KS**

Type Job **8 5/8 surface** Formation **CNW** Legal Description **19-19-16**

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 8 5/8	Tubing Size	Shots/Ft	195-SK	Acid	A-CON. 3% OCL	RATE	2% Metasolite
Depth 1121'	Depth	From	To 200-SK	Pre Pad	2% OCL	PRESS	1/4" cell 15.02 #
Volume 20 BBL	Volume	From	To	Pad	3% OCL	ISIP	5 Min.
Max Press 500	Max Press	From	To	Frac			10 Min.
Well Connection PC	Annulus Vol.	From	To			HHP Used	Annulus Pressure
Plug Depth 1097	Packer Depth	From	To	Flush	Fresh water	Gas Volume	Total Load

Customer Representative **Steve** Station Manager **DAVE SCOTT** Treater **Allen F. Werth**

Service Units	Driver Names
24443 19903 19905 19831 19862	with Mike MAHAL Edmundo MARG. Scotty

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1039					on loc. Discuss SA Fety Setup, Plan Job
1203					Rig cir. @ 1122'
1318					Start 8 5/8 23" pipe
1330	200^H		8 1/2	5	Pipe @ 1121' cir w/ Rig
	200⁺			5	Start 195SKs A-con Blind. @ 12"
			44 1/2		Start 200SKs com. w/ 2% OCL 3% OCL @ 15"
					FIN ENT.
1359	100^H			6	Release Top Rubber Plug 8 5/8"
			70	4	Start Disp.
1415	200^H				FIN Disp.
					Plug down
					Shut IN @ well
					Release PSI "OK"
					washup + Rackup Equip.
1500					Job complete
					cement cir To Pit
					Thanks
					Allen, Scotty, Mike
					Edmundo

WILTSE #1-19
RUSH COUNTY, KANSAS

Formation	Sample	Datum	E-Log	Datum
Herrington	2066	+59	2075	+50
Winfield	2108	+17	2124	+1
Towanda	2174	-49	2189	-64
Fort Riley			2223	-98
B/Florence	2314	-185	2328	-203
Kinney Ls			2345	-220
Wrefold			2376	-251
Council Grove	2376	-2151	2397	-272
Crouse			2429	-304
Neva	2562	-437	2569	-444
Red Eagle	2629	-504	2633	-508
Onaga Shale			2777	-652
Wabaunsee			2799	-674
Root Shale			2854	-729
Stotler	2914	-789	2909	-784
Tarkio	2978	-853	2973	-848
Howard			3110	-985
Severy Shale			3168	-1043
Topeka	3178	-1053	3187	-1062
Heebner	3447	-1322	3443	-1318
Toronto	3465	-1340	3462	-1337
Douglas Sh.	3476	-1351	3474	-1349
Brown lime	3513	-1388	3509	-1384
LKC			3524	-1399
LKC "H"			3665	-1540
Stark Shale			3719	-1594
BKC			3763	-1638
Conglomerate			3772	-1647
Reworked Arb	3840	-1715	3836	-1711
Arbuckle	3882	-1757	3878	-1753
RTD			4300	-2175

KANSAS CORPORATION COMMISSION

JUN 02 2009

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BASIC

FIELD ORDER

19303.

energy services, L.P.

Subject to Correction

Lease WILTSE	Well # 1-19	Legal 19-19-16
County Rush	State Ks	Station Pratt-Ks
Customer ID 3-21-09	Depth 12.95'	Formation 432
Customer G. Holl Company LLC	Casing 5 1/2"	Casing Depth 4399'
Customer Representative Rob Long	Treater Allen Fordworth	Job Type CNW
Materials Received by X Rob Long		

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	CC105	125-SK	AA-2 Cement		
P	EP103	50-SK	60/40 Poz		
P	CC102	32-1b	SELT Flake		
P	CC105	30-1b	De-foamer (Powder)		
P	CC111	657-1b	SALT (Fine)		
P	CC115	118-1b	GAS-Blok		
P	CC129	118-1b	FIA-322		
P	CC201	1560-1b	Gilsonite		
P	CC154	500-9al	SuperFlush		
P	CF609	1-ea	Latchdown Plug + Baffle 5 1/2" (Blue)		
P	CF1251	1-ea	Auto fill Float Shoe 5 1/2" (Blue)		
P	CF1651	10-ea	Turbolizer 5 1/2" (Blue)		
P	CF1901	2-ea	5 1/2" Basket (Blue)		
P	CF2000	50 ea	Cement Scratchers Rotating Type		
P	E101	110-mi	Heavy Equip. mileage		
P	E113	443-Tm	Bulk Del Chg.		
P	E100	55-mi	Unit mileage Chg. Pickup		
P	CF340	175-SK	Blending & mixing service Chg.		
P	5003	1-ea	Service Supervisor first 8hrs on Loc.		
P	CF200	1-4hrs	Depth Chg. 4001-5000		
P	CF504	1-Job	Plug container Utilization Chg.		
P	CF501	1-ea	CASING SWIVEL Rental		
			Discounted Price		
			Plus Taxes		

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TREATMENT REPORT

energy services, L.P.

JUN 02 2009

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Customer E. G. Holt Co. LLC	Lease No.	Date
Well # WILLY-52	Station PRAT KS	County Pratt KS
Field Order # 1523	Casing 5/8"	Depth 4299
Type Job 5/2 L.S.	Formation C.M.W.	Legal Description 17-19-16

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 5/8"	Tubing Size	Shots/Ft	125 SK3	Acid AA 2-5% cat. wt.	De Ganner, 1 1/2% FLA-322, 10% SALT, 1% gas Blok.	RATE	PRESS
Depth 4299	Depth	From	To 28 SK3	Pre Pad 60/40 Por 2% gel	5" 6.1 sec. te. scavenger @ 12"	Max	5 Min.
Volume 104.5 Bbl	Volume	From	To 12 Bbl	Pad Super Flush		Min	10 Min.
Max Press 1500#	Max Press	From	To 25 SK3	Frac 60/40 Por P	Aug. RAT Hole + mouse Hole	Avg	15 Min.
Well Connection PC	Annulus Vol.	From	To	Flush Freshwater	HMP Used	Gas Volume	Annulus Pressure
Plug Depth 4296	Packer Depth	From	To				Total Load

Customer Representative: Rob Long Station Manager: Paul Scott Treater: Allen F. Worth

Service Units	28443	19806	19826	19860	JUN 02 2009
Driver Names	Paul Shuck	Chad Cosby			

Time	Casing Pressure	Tubing Pressure	Bbls Pumped	Rate	Service Log
1210					Arrive Discuss Safety with crew
1250					Rigging down O.S.
1350					Lay down Kelly - Rig up to Run 5/8" csg 14'
1540					Start 5/8" csg. S.J. 17.95 w/ float shoe + inser cent. 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 - Basket 6" x 12"
1730	200#		12	4	Tag Bottom @ 4300. Pipe @ 4299 - cir w/ Rig + Rotate Pipe.
	200#		9	4	Mix + Pump 12 BBLs Super Flush
	200#		32	5	Mix + Pump 25 SK3 Scavenger @ 12" 60/40 Por
					Finish mix
1747	100#			5/8"	wash out Pump + line Drop Plug
	300		76	4	Start Disp Rotate Pipe Good cir
1815	1500#		104		caught Lift. PSI w/ 76 Bbl out
					Plug down
					Rat hole
					Plug RAT Hole
					Aug. mouse hole 10" SK3 60/40 Por
					wash out line Kelly Equip
1900					Job complete

BASIC

energy services, L.P.

FIELD ORDER 19299

Subject to Correction

Date 3-13-09		Customer ID		Lease WILTSE	Well # 1-19	Legal 19-19-16
C H A R G E		FGHoll Company LLC		County Rush	State Ks	Station Pratt Ks
Depth		Formation		Shoe Joint 25'		
Casing 8 5/8		Casing Depth 1121'		TD 1122'	Job Type 8 3/8" Surface CNL	
Customer Representative Steve				Treater Allen F. Werth		
AFE Number		PO Number		Materials Received by X <i>Steve</i> DLS		

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	CP101	195-SK	A-CON Blend Common		
P	CP100	200-SK	Common		
P	CC102	50-lb	cello-FLAKE		
P	CC109	1116-lb	Calcium Chloride		
P	CC200	376-lb	Cement Gel		
P	CF105	1-CA	Top Rubber cement Plug		
P	E101	110-mi	Heavy Equip. Mileage		
P	E113	1023-Tm	Bulk Del.Charge		
P	E100	65-mi	Unit Mileage Charge Pickup		
P	CE240	395-SK	Blending + mixing Service Chg.		
P	S003	1-CA	Service Supervisor first 8hrs on Loc.		
P	CE202	1-4hrs	Depth Charge 1001'-2000'		
P	CE504	1-Job	Plug Container Utilization Chg.		
			Discounted Price		
			Plus Taxes		

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