

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

ORIGINAL

Operator: License # 5056
Name: F.G. Holl Company, L.L.C.
Address: 9431 East Central, Suite #100
City/State/Zip: Wichita, Kansas 67206-2543
Purchaser: NCRA
Operator Contact Person: Franklin R. Greenbaum
Phone: (316) 684-8481
Contractor: Name: Duke Drilling Company, Inc.
License: 5929
Wellsite Geologist: Bill Ree

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. _____

<u>04/16/2005</u>	<u>04/30/2005</u>	<u>05/17/2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-23,307-0000
County: Stafford
C SW SW SE Sec. 9 Twp. 21 S. R. 14 East West
430 feet from (S) N (circle one) Line of Section
2240 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: MCCULLOUGH Well #: 1-9
Field Name: Taylor West Abandoned
Producing Formation: LKC
Elevation: Ground: 1927' Kelly Bushing: 1935'
Total Depth: 3850' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 831 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
(Data must be collected from the Reserve Pit) Act I With
4-20-07
Chloride content 33,000 ppm Fluid volume 100 bbls
Dewatering method used Hauled free fluids to disposal well
Location of fluid disposal if hauled offsite: _____
Operator Name: John J. Darrah Oil
Lease Name: ANSHUTZ SWD 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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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 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: 06/08/2005

Subscribed and sworn to before me this 8th day of June, 2005

19 Betty H. Spotswood
Notary Public: Betty H. Spotswood

Date Commission Expires: 04/30/2006

Notary Public - State of Kansas
BETTY H. SPOTSWOOD
My Appointment Expires 4/30/2006

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

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Side Two

ORIGINAL

Operator Name: F.G. Holl Company, L.L.C. Lease Name: MCCULLOUGH Well #: 1-9
Sec. 9 Twp. 21 S. R. 14 East West County: Stafford

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
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
List All E. Logs Run:
BHCS
DIL/MEL
CNL/CDL

Log Formation (Top), Depth and Datum Sample
Name Top Datum

See attached copy

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WICHITA, KS

CASING RECORD table with columns: 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. Includes rows for Surface and Production.

ADDITIONAL CEMENTING / SQUEEZE RECORD table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type table with columns: 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.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run, Date of First, Resumed Production, SWD or Enhr., Producing Method, Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas METHOD OF COMPLETION Production Interval
Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 3497'-3502' LKC
Other (Specify)

ORIGINAL

MCCULLOUGH NO. 1-9
STAFFORD COUNTY, KANSAS

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Sample Tops	Sample Top	Datum	E-Log Tops	Datum
Herrington	1831	+104	1838	+97
Winfield	1890	+45	1893	+42
Towanda	1952	-17	1954	-19
Ft. Riley	1989	-54	1990	-55
Florence			2040	-105
B/Florence	2072	-137	2076	-141
Kinney Ls			2097	-162
Wrefold			2128	-193
Council Grove	2149	-214	2150	-215
Cottonwood			2256	-321
Neva			2286	-351
Red Eagle			2386	-451
B/Red Eagle			2425	-490
Root Shale			2621	-686
Stotler			2690	-755
Willard Shale			2716	-781
Tarkio/Elmont			2752	-817
White cloud			2864	-929
Howard	2890	-955	2893	-958
Topeka	2966	-1031	2967	-1032
Heebner	3248	-1313	3248	-1313
Toronto			3275	-1340
Douglas Shale			3294	-1359
Brown Lime	3366	-1431	3368	-1433
Lansing	3382	-1447	3379	-1444
BKC	3593	-1658	3595	-1660
Conglomerate			3606	-1671
Viola	3629	-1694	3630	-1695
Simpson Sh.	3656	-1721	3660	-1725
Simpson Sand	3671	-1736	3673	-1738
Arbuckle			3712	-1777
RTD	3850	-1915	3850	-1915

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TREATMENT REPORT

ORIGINAL

Field Order # 10068	Station Pratt	Casing 5 1/2" 14 #/ft.	Depth 3852'	Customer ID Date 4-30-05
Type Job Cement-Long String-New Well	Formation	Lease McCullough	Lease No.	Well # 1-9
		County Stafford		State KS.
		Legal Description 9-215-14W		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 5 1/2" 14 #/ft.	Tubing Size	Shots/Ft		Rate	Press	ISIP	
Depth 3852'	Depth	From	To	Max		5 Min.	
Volume 94 bbl.	Volume	From	To	Min		10 Min.	
Max Press 1900 PSI.	Max Press	From	To	Avg		15 Min.	
Well Connection Plug Cont.	Annulus Vol.	From	To	HHP Used		Annulus Pressure	
Plug Depth 3829'	Packer Depth	From	To	Gas Volume		Total Load	

150 sacks 50/50 Poz (Common) with 4% Gel, 2% C.C., 1% De-foamer, 1% FLA-322, 1/4 #/st. Cellflatre, 10 #/st. Gilsonite
13.8 #/Gal., 6.38 Gal./st., 1.53 cu.ft./st.
50 sacks A-Serv. Lite (Common) with 6% Gel, 1% D.Air, 8% FLA-322, 1/4 #/st. cellflatre, 10 #/st. Gilsonite 13 #/Gal. 8.32 Gal./st., 8
93.5 bbl. Fresh H₂O

Customer Representative Rob Long	Station Manager Dave Autry	Treater Clarence R. Messick
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Service Units	119	228	347	572
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Time AM.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:10					Cementer on location with float equipment
2:50					Dulte Drilling start to run 115 jts. 14 # used tested casing. Run regular guide shoe, shoe joint with insert float valve in collar and remaining casing. Run least jet on btm. of joint # sand turbulize on jts # 2, 4, 5, 6, 7, 9, 10, 11, 12.
5:10					Casing in well. Hook up and circulate for 2 hrs.
7:30	400			5	Start Salt Pre-Flush
	400		20	5	Start Mud Flush
	400		32	5	Start H ₂ O spacer
	375		37	5	Start Super Flush
	350		49	5	Start H ₂ O spacer
	325		44	5	Start mix 25 sacks A-Serv. Lite cement
	300		52	5	Start mix 150 sacks 50/50 Poz cement
			93		Stop pumping. Wash pump and lines. Release Plug
8:03	100			7	Start Fresh H ₂ O Displacement
8:18	1500		93.5		Plug down. Pressure up
					Release Pressure, Insert held
			3 @ 4	3	Plug mouse & rat holes
					Washup pump truck
9:00					Job Complete, Thanks, Clarence R. Messick

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