

ORIGINAL

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

Operator: License # 5682  
Name: Hughes Drilling Co.  
Address: 122 N. Main  
City/State/Zip: Wellsville, Ks. 66092  
Purchaser: CMI  
Operator Contact Person: Carl (Clay) Hughes  
Phone: (785) 883-2235  
Contractor: Name: company tools  
License: \_\_\_\_\_  
Wellsite Geologist: none

RECEIVED

MAY 20 2004

KCC WICHITA

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. \_\_\_\_\_

8/8/03    8/13/03    9/5/03  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 059-24,964 - 00.00  
County: Franklin  
NE  NE  SW  SE Sec. 6 Twp. 17 S. R. 21  East  West  
1100 feet from S / N (circle one) Line of Section  
1495 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE  SE    NW    SW  
Lease Name: North Hughes Well #: 5  
Field Name: PAOLA-RANTOUL  
Producing Formation: SQUIRREL  
Elevation: Ground: na Kelly Bushing: \_\_\_\_\_  
Total Depth: 715 Plug Back Total Depth: 697  
Amount of Surface Pipe Set and Cemented at 20.2 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 697  
feet depth to surface w/ 105 sx cmt.

Drilling Fluid Management Plan ALT II with 10-17-06  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used used in next well (#5 South Hughes)  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter SE Sec. 7 Twp. 17 S. R. 21  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: Carl C. Hughes  
Title: partner Date: 5/14/04  
Subscribed and sworn to before me this 14th day of May,  
20 04.  
Notary Public: Brenda F. Vickers  
Date Commission Expires: 12-03-05

**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  
BRENDA F. VICKERS  
My Appt. Exp. 12-03-05

Operator Name: Hughes Drilling Co. Lease Name: North Hughes Well #: 5  
 Sec. 6 Twp. 17 S. R. 21  East  West County: Franklin

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>Gamma-Ray Neutron</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Hertha</td> <td>321</td> <td>326</td> </tr> <tr> <td>#1 Squirrel</td> <td>600</td> <td>606</td> </tr> <tr> <td>#2 Squirrel</td> <td>652</td> <td>660</td> </tr> <tr> <td>#3 Squirrel</td> <td>668</td> <td>672</td> </tr> </table>	Name	Top	Datum	Hertha	321	326	#1 Squirrel	600	606	#2 Squirrel	652	660	#3 Squirrel	668	672
Name	Top	Datum														
Hertha	321	326														
#1 Squirrel	600	606														
#2 Squirrel	652	660														
#3 Squirrel	668	672														

CASING RECORD <input type="checkbox"/> New <input checked="" 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	11"	7"	15	20.2	portland	5	
production	5 5/8	2 1/2	7	697	50/50 poz	105	2% gel

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
3	perforations 652-660 & 668-671	fracture 5sx 20-40, 70sx 12-20	652-660
			668-671

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 9/7/03		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	
	2	trace	1		32	

Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	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>652-660 &amp; 668-671</u>
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**CONSOLIDATED**  
**OIL WELL**  
**SERVICES**  
AN INFINITY COMPANY

211 W. 14TH STREET, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER **20599**

LOCATION Ottawa

**FIELD TICKET**

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
8-13-03	3425	North Hughes #5		6	17	21	FR	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				
<u>Hughes Drilling</u>								
<u>122 Main</u>								
<u>Wellsville, ks 66092</u>								

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	1	PUMP CHARGE		525 <sup>00</sup>
5402	697'	Cement casing		
		Casing Footage	.14	116
1118	4 sa	Premium Gel		47 <sup>20</sup> / <sub>100</sub>
4402	1	2 1/2" Rubber Plug		15 <sup>00</sup>
RECEIVED				
MAY 20 2004				
KCC WICHITA				
5407	7 x M.A.	BLENDING & HANDLING		
		TON-MILES		190 <sup>00</sup>
		STAND BY TIME		
		MESSAGE		
		WATER TRANSPORTS		
		VACUUM TRUCKS	Furnished	
		FRAC SAND		
1124	105 sa	CEMENT	5/00 po2	677.35
			FR Co	6.8 SALES TAX
			6.8	50.38
			sub total	1154.45

Form 2790

ESTIMATED TOTAL **1504.73**

CUSTOMER or AGENTS SIGNATURE \_\_\_\_\_

GIS FOREMAN

*Bill Gabriel*

CUSTOMER or AGENT (PLEASE PRINT)

DATE 8-13-03

186000