

**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 # 33554  
Name: K. & B. Norton Oil & Investments, L.L.C.  
Address: 510 W. 36th Street  
City/State/Zip: Hays, KS 67601-1508  
Purchaser: None-Plugged  
Operator Contact Person: Kenneth A. Norton  
Phone: (785) 628-3422  
Contractor: Name: W.W. Drilling, L.L.C.  
License: 33575  
Wellsite Geologist: Brad Hutchison

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. \_\_\_\_\_

01/18/2006    01/22/2006    Plugged  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date    Recompletion Date

API No. 15 - 051-25485-00-00  
County: Ellis  
460 N - C - NE - NW Sec. 25 Twp. 13 S. R. 16  East  West  
200' feet from S /  (circle one) Line of Section  
1980' feet from E /  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE  (NW) SW  
Lease Name: Hoffman/Furthmyer Well #: 1

Field Name: Air Base East  
Producing Formation: None-Plugged

Elevation: Ground: 1931' Kelly Bushing: 1936'

Total Depth: 3430' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 254' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 3406

feet depth to 2 w/ 225 sx cmt.

Alt 2 - Dlg - 10/22/08

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content 41,000 ppm Fluid volume 150 bbls  
Dewatering method used Allow to dry and backfill.

Location of fluid disposal if hauled offsite: \_\_\_\_\_

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

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. MAR 06 2008 Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**KCC WICHITA**

**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: Kenneth A. Norton  
Title: President Date: March 2, 2006  
Subscribed and sworn to before me this 2nd day of March,  
2006.  
Notary Public: Amanda Koerner  
Date Commission Expires: 6/2/09

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

STATE OF KANSAS  
NOTARY PUBLIC  
AMANDA KOERNER  
My Appt. Exp. 6/2/09

Operator Name: K. & B. Norton Oil & Investments, L.L.C. Lease Name: Hoffman/Furthmyer Well #: 1  
 Sec. 25 Twp. 13 S. R. 16  East  West County: Ellis

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  None	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"><input type="checkbox"/> Log</td> <td style="width:70%;">Formation (Top), Depth and Datum</td> <td style="width:20%;"><input checked="" type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1021'</td> <td>+ 915'</td> </tr> <tr> <td>Topeka</td> <td>2860'</td> <td>- 924'</td> </tr> <tr> <td>Heebner</td> <td>3083'</td> <td>-1147'</td> </tr> <tr> <td>Toronto</td> <td>3104'</td> <td>-1168'</td> </tr> <tr> <td>Lansing</td> <td>3129'</td> <td>-1193'</td> </tr> <tr> <td>Base Kansas City</td> <td>3374'</td> <td>-1438'</td> </tr> <tr> <td>Arbuckle</td> <td>3416'</td> <td>-1480'</td> </tr> <tr> <td>T.D.</td> <td>3430'</td> <td>-1494'</td> </tr> </table>	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample	Name	Top	Datum	Anhydrite	1021'	+ 915'	Topeka	2860'	- 924'	Heebner	3083'	-1147'	Toronto	3104'	-1168'	Lansing	3129'	-1193'	Base Kansas City	3374'	-1438'	Arbuckle	3416'	-1480'	T.D.	3430'	-1494'
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CASING RECORD <input checked="" type="checkbox"/> New <input 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 Pipe	12 1/4"	8 5/8"	20#	254'	Common	168 Sks.	2% Gel & 3% Chloride

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	None			

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
None	None	None	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
	None	None	None	
Date of First, Resumerd Production, SWD or Enhr.		Producing Method		
None		<input 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
	None	None	None	

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

**METHOD OF COMPLETION**

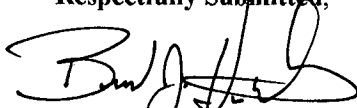
Production Interval  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

**Brad Hutchison  
Petroleum Geologist  
116 Eves Drive  
Russell, Kansas 67665**

**K. & B. Norton Oil & Investments L.L.C.  
Hoffman/Furthmyer # 1  
460' N C-NE-NW, Section 25-13S-16W  
Ellis County, Kansas**

**Recommendations:** Enclosed please find a copy of the geologic log on the Hoffman/Furthmyer # 1. The well was drilled via 3-D seismic interpretation. Structurally, the Hoffman/Furthmyer # 1 ran several feet low to production to the south of this project. One (1) drill-stem test was taken, resulting in negative recoveries. It was determined based on the negative results of DST-1, and the low structural position of the Hoffman/Furthmyer # 1, that it be plugged and abandoned at a total rotary depth of 3430 (-1494). The Air Base Project was determined at this point to be a seismic "bust".

Respectfully Submitted,



Brad J. Hutchison

RECEIVED  
MAR 6 2006  
KCC WICHITA

# ALLIED CEMENTING CO., INC. 23641

Federal Tax I.D.# [REDACTED]

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Russell

DATE <u>1-22-06</u>	SEC. <u>25</u>	TWP. <u>13</u>	RANGE <u>16</u>	CALLED OUT <u>7:00 AM</u>	ON LOCATION <u>9:00</u>	JOB START <u>10:30</u>	JOB FINISH <u>2:45 PM</u>
LEASE <u>HOFFMAN</u> WELL # <u>#1</u>				LOCATION <u>GORHAM 1W 2N 5W 48</u>		COUNTY <u>ELLIS</u>	STATE <u>KANSAS</u>
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR W-W #3

TYPE OF JOB ROTARY Plug

HOLE SIZE 7 7/8 T.D. 3430

CASING SIZE 8 5/8 DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 X-H DEPTH 3406

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT AMOUNT ORDERED 225 SK <sup>60</sup>/<sub>90</sub> 6% GEL  
1/4 # FIO-SEAL  
Per SK.

COMMON	<u>135</u>	@	<u>870</u>	<u>117450</u>
POZMIX	<u>90</u>	@	<u>470</u>	<u>42300</u>
GEL	<u>11</u>	@	<u>1400</u>	<u>15400</u>
CHLORIDE		@		
ASC		@		
Flo Seal	<u>56#</u>	@	<u>170</u>	<u>9520</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>236</u>	@	<u>160</u>	<u>37760</u>
MILEAGE	<u>6# SK/mile</u>			<u>18000</u>
TOTAL				<u>240430</u>

EQUIPMENT

PUMP TRUCK CEMENTER Glenn

# 398 HELPER GARY

BULK TRUCK

# 362 DRIVER Doug

BULK TRUCK

# DRIVER

REMARKS:

<u>25</u>	<u>SK @</u>	<u>3406</u>
<u>25</u>	<u>SK @</u>	<u>1050</u>
<u>100</u>	<u>SK @</u>	<u>650</u>
<u>40</u>	<u>SK @</u>	<u>315</u>
<u>10</u>	<u>SK @</u>	<u>40</u>
<u>15</u>	<u>SK @</u>	<u>RAT Hole</u>
<u>10</u>	<u>SK @</u>	<u>Mouse Hole</u>

CHARGE TO: K & B NORTON OIL

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE 78500

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 10 @ 500 5000

MANIFOLD @ \_\_\_\_\_

RECEIVED  
MAR 06 2006  
TOTAL 23500

KCC WICHITA

PLUG & FLOAT EQUIPMENT

8 5/8 Dry Hole Plug 3500

TOTAL 3500

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Larry Lang

PRINTED NAME \_\_\_\_\_

# ALLIED CEMENTING CO., INC. 25692

Federal Tax I.D.# [REDACTED]

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: 2

DATE <u>1-18-06</u>	SEC. <u>25</u>	TWP. <u>13</u>	RANGE <u>16</u>	CALLED OUT	ON LOCATION <u>5:00pm</u>	JOB START <u>6:30pm</u>	JOB FINISH <u>7:00pm</u>
LEASE <u>Hoffman</u> <del>FURTHMEYER</del> WELL # <u>1</u>			LOCATION <u>CORHAM 1W 2N 1/2W</u>		COUNTY <u>ELLIS</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>5 IN</u>			

CONTRACTOR WW

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 265

CASING SIZE 8 5/8 DEPTH 254

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 15 1/4 BBL

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 1160 Com 3 EZ

COMMON	<u>160</u>	@	<u>8 70</u>	<u>1392 00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>14 00</u>	<u>42 00</u>
CHLORIDE	<u>5</u>	@	<u>38 00</u>	<u>190 00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>168</u>	@	<u>1 60</u>	<u>268 00</u>
MILEAGE	<u>64/SK</u>	MILE		<u>180 00</u>
TOTAL				<u>2072 00</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER MARK

# 366 HELPER PAUL

BULK TRUCK DRIVER BREAN KEN

# 378 DRIVER \_\_\_\_\_

**REMARKS:**

CEMENT CTRC

THANKS

CA

CHARGE TO: K & B JOERTON OIL

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB	_____		
PUMP TRUCK CHARGE			<u>670 00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>12</u>	@	<u>5 00</u> <u>60 00</u>
MANIFOLD		@	
		@	
		@	
TOTAL <u>730 00</u>			

**RECEIVED**

**MAR 06 2006**

**KCC WICHITA**

**PLUG & FLOAT EQUIPMENT**

<u>8 5/8</u>	<u>wood</u>	@	<u>55 00</u>
		@	
		@	
		@	
		@	
TOTAL <u>55 00</u>			

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

Good Job

SIGNATURE [Signature]

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_