

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

00-00  
**ORIGINAL**

API NO. 15- 137-20,391

County Norton

App. SW-NE-SE Sec. 30 Twp. 3 Rge. 23  <sup>E</sup> <sub>W</sub>

1740 FSL Feet from S/N (circle one) Line of Section

990 FEL Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Weber Well # 16

Field Name Norton

Producing Formation Arbuckle

Elevation: Ground 2456 KB 2463

Total Depth 3840 PBDT

Amount of Surface Pipe Set and Cemented at 285 Feet

Multiple Stage Cementing Collar Used?  Yes  No

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

If Alternate II completion, cement circulated from surf.

feet depth to 3840 w/ 575 sx cmt.

Drilling Fluid Management Plan ALT 2 82 3-31-94  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

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

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

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

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

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

Operator: License # 5285

Name: The Dane G. Hansen Trust

Address P.O. Box 187

City/State/Zip Logan, KS 67646

Purchaser: \_\_\_\_\_

Operator Contact Person: Dane G. Bales

Phone (913) 689-4816

Contractor: Name: Chief Drilling, Inc.

License: 5886

Wellsite Geologist: Jerry Jespersen

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: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBDT  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. \_\_\_\_\_

8-6-93 8-14-93  
Spud Date Date Reached TD Completion Date

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 Dane G. Bales  
Title Manager/Trustee Date 12/22/93

Subscribed and sworn to before me this 22 day of December, 19 93.

Notary Public Betty Jane Bittel  
Date Commission Expires July 17, 1996.

**K.C.C. OFFICE USE ONLY**  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution:  KCC  SWD/Rep  Plug  Other  
KGS  
(Specify)  
RECEIVED  
STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
Wichita, Kansas  
DEC 27 1993

**BETTY JANE BITTEL**  
State of Kansas  
My Appt. Exp. July 17, 1996

Operator Name The Dane G. Hansen Trust

Lease Name Weber

Well # 16

Sec. 30 Twp. 3S Rge. 23W

East  
 West

County Norton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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:  
Eli Wireline - Radiation Guard Log

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
Anhydrite	2055	+408
B/Anhydrite	2085	+378
Heebner	3508	-1045
Toronto	3535	-1072
Lansing	3548	-1085
BKC	3726	-1263
Arbuckle	3786	-1323
Quartzite Sd	3814	-1351
Granite Wash	3820	-1357
LTD	3837	-1374

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	25#	285 1/2'	60/40 pozmix	190	3% cc, 2% gel
production	7 7/8	5 1/2	14#	3839'	HLC EA-2	450 90	4% Gel, 1 1/4% Flocel 5% Cal Seal, 10% Salt, 5% H-322, 25% D.A., 5% Gilsomite

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
4	3786-88	205 gal. Mud Acid & 500 gal. 15% NE	3786-88

TUBING RECORD Size 2 1/2" Set At 3797' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 12/17/93 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil 10 Bbls. Gas \_\_\_\_\_ Mcf Water 0 Bbls. Gas-Oil Ratio \_\_\_\_\_ Gravity 26.5

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

Open Hole  Perf.  Dually Comp.  Commingled 3786-88  
 Other (Specify) \_\_\_\_\_

ORIGINAL

API#15-137-20391

The Dane G. Hansen Trust - Weber #16 - SW NE SE, 30-3-23, Norton County, Kansas

DST #1 - 3768-3792. 15-60-60-60. Rec. 15' Oil; 31' SOCM; 62' SOCWM and  
62' Oil Spd. Wtr. SIP's 806/487. FP's 108/129-64-75

RECEIVED  
STATE CORPORATION COMMIS

DEC 27 1993

CONSERVATION DIVISION  
Wichita, Kansas

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

**ALLIED CEMENTING CO., INC.**

4904

New

Home Office P. O. Box 31

Russell, Kansas 67665

Date	8-6-93	Sec.	30	Fwp.	3 <sup>s</sup>	Range	23 <sup>w</sup>	Called Out	10:00 am	On Location	1:30 pm	Job Start	3:30 pm	Finish	4:00 pm
Lease	Weber	Well No.	16	Location				Norton 65-4W	County		Norton	State		KS	

Contractor	Chit Dils		
Type Job	Surface		
Hole Size	12 1/4	T.D.	270
Csg.	8 5/8 24"	Depth	283
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	15 ft	Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	17 Bbls
Perf.			

Owner	Dane G Hansen Trust		
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 listed.			
Charge To	Dane G Hansen Trust		
Street	Box 187		
City	Logansport	State	Kansas
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.			
X			

**EQUIPMENT**

No.	Cementer	Fitz
Pumptrk 300	Helper	Terry
No.	Cementer	
Pumptrk	Helper	
	Driver	Steve
Bulktrk 305		
Bulktrk	Driver	

<b>CEMENT</b>			
Amount Ordered	190 sk	60/40 Poz	32cc 226 gal
Consisting of			
Common	114 sk	2	6 55
Poz. Mix	76 sk	2	3 00
Gel.	3 sk	2	7 00
Chloride	6 sk	2	25 00
Quickset			150 00

**DEPTH of Job**

Reference:	1	8 5/8 Surface Plug	42 00
		Pumptruck	430 00
		2 25 per mile	87 25
		Sub Total	
		Tax	
		Total	559 25

Handling	1 00 per sk	190 00
Mileage	4¢ per sk mile	296 40
	39 mile	
	Sub Total	1,645 30
	Total	

Remarks: Mix Cement - Displac plug to within 15ft from bottom  
 Cement did Circulate  
 Thanks Fitz + Crew

RECEIVED  
 STATE CONCRETE COMMISSION  
 DEC 27 1993  
 CONSERVATION DIVISION  
 WASHINGTON, KANSAS

**JOB SUMMARY**

HALLIBURTON DIVISION MID CONT

HALLIBURTON LOCATION Oberlin KS ORIGINAL

BILLED ON TICKET NO. 508238

FIELD S. Norton KS SEC. 30 TWP. 3S RNG. 23W COUNTY Norton STATE KS

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
 FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
 INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
 PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
 COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_  
 PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
 BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
 MISC. DATA \_\_\_\_\_ TOTAL DEPTH 3890

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	U	14	5 1/2	KB	3839	
LINER						
TUBING						
OPEN HOLE					3840	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**JOB DATA**

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>Insert Float 5 1/2"</u>	<u>1EA</u>	<u>Howco</u>
FLOAT CHISEL <u>Auto Fill Tube 1"</u>	<u>1EA</u>	
GUIDE SHOE <u>Reg 5 1/2</u>	<u>1EA</u>	
CENTRALIZERS <u>S-4 5 1/2</u>	<u>10EA</u>	
BOTTOM PLUG		
TOP PLUG <u>SW 5 1/2</u>	<u>1EA</u>	
HEAD <u>Rotating 5 1/2</u>	<u>1EA</u>	
PACKER <u>Howco Weld 1 1/2</u>	<u>1EA</u>	
OTHER <u>Cmt Baskets 5 1/2"</u>	<u>4EA</u>	

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>8-15-93</u>	DATE <u>8-15-93</u>	DATE <u>8-15-93</u>	DATE <u>8-15-93</u>
TIME <u>0715</u>	TIME <u>0930</u>	TIME <u>1110</u>	TIME <u>1715</u>

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Moore</u>	<u>38422</u>	
<u>B4685</u>	<u>P.U.</u>	<u>Oberlin KS</u>
<u>J. Alstrom</u>	<u>2591</u>	
<u>66382</u>	<u>4T-400RCM</u>	<u>Oberlin KS</u>
<u>M. Jones</u>	<u>3846</u>	
<u>52046</u>	<u>Bulk TK</u>	<u>Oberlin KS</u>
<u>J. Keenan</u>	<u>4718</u>	
<u>63503</u>	<u>Bulk TK</u>	<u>Oberlin KS</u>
<u>S. Dulan</u>	<u>40085</u>	
<u>82075</u>	<u>Supp.</u>	<u>Oberlin KS</u>

**MATERIALS**

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API  
 DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API  
 PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
 PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
 ACID TYPE \_\_\_\_\_ GAL. %  
 ACID TYPE \_\_\_\_\_ GAL. %  
 ACID TYPE \_\_\_\_\_ GAL. %  
 SURFACTANT TYPE \_\_\_\_\_ GAL. IN  
 NE AGENT TYPE \_\_\_\_\_ GAL. IN  
 FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. IN  
 GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. IN  
 FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. IN  
 BREAKER TYPE \_\_\_\_\_ GAL.-LB. IN  
 BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB.  
 PERFPAC BALLS TYPE \_\_\_\_\_ QTY.  
 OTHER \_\_\_\_\_  
 OTHER \_\_\_\_\_

DEPARTMENT Cmt  
 DESCRIPTION OF JOB Cmt. Prod. Csg  
 JOB DONE THRU: TUBING  CASING  ANNULUS  TEG. ANN.   
 CUSTOMER REPRESENTATIVE [Signature]  
 HALLIBURTON OPERATOR Jack Moore COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>450</u>	<u>90</u>	<u>HLC</u>			<u>4% AddGel, 1/4# Floccle</u>	<u>2.25</u>	<u>11.94</u>
		<u>EA-2</u>			<u>5% Cal-Seal, 10% Salt, 5% H-322</u>	<u>1.39</u>	<u>15.11</u>
					<u>25% D-A, 5% G. Isenite</u>		
<u>35</u>	<u>Std</u>				<u>10% Cal-Seal, 10% Salt, 5% H-322</u>	<u>1.35</u>	<u>15.62</u>
					<u>25% D-A + 1% CC</u>		

**PRESSURES IN PSI**

**SUMMARY**

**VOLUMES**

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL.-GAL. 40 Salt Flush TYPE 26W Super Flush  
 BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. \_\_\_\_\_  
 SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. \_\_\_\_\_  
 HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_  
 ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
 AVERAGE RATES IN BPM \_\_\_\_\_  
 TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
 CEMENT LEFT IN PIPE \_\_\_\_\_  
 FEET 18.65 REASON Shoe Joint

**RAMARKS**

See Job Log  
Thank you

RECEIVED  
 STATE COOPERATION COMM  
 DEC 27 1993

CUSTOMER D.G. Hansen Trust  
 LEASE Webber  
 WELL NO. 16  
 JOB TYPE Cmt. Prod. Csg  
 DATE 8-15-93