

ORIGINAL

SIDE ONE

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

Operator: License # 5285  
Name: The Dane G. Hansen Trust  
Address P. O. Box 187  
Logan, Kansas 67646  
Purchaser: FARMLAND INDUSTRIES  
Operator Contact Person: Dane G. Bales  
Phone (913) 689-4816

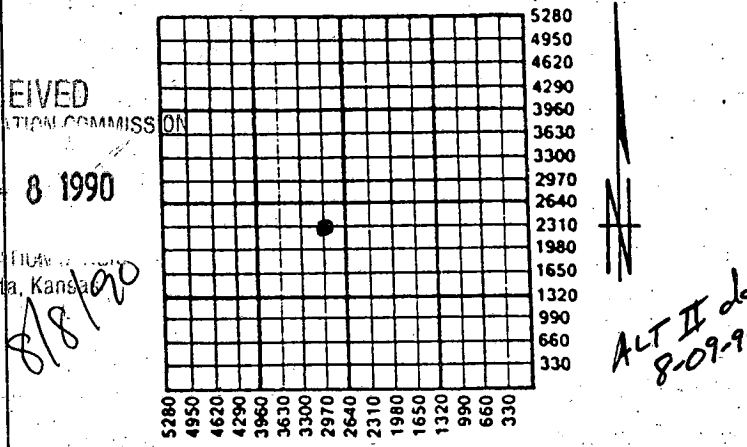
Contractor: Name: Galloway Drilling Co., Inc.  
License: 5783  
Wellsite Geologist: J. E. Jespersen

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  Wichita, Kansas  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If OWO: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
5/8/90 5/22/90 6/29/90  
Spud Date Date Reached TD Completion Date

API NO. 15- 193-20,518-00-00  
County Thomas  
NE NE SW Sec. 28 Twp. 8s Rge. 32  East West  
2310 Ft. North from Southeast Corner of Section  
2970 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)  
Lease Name Weyand Well # 1  
Field Name North Randall NP 8905  
Producing Formation Lansing/Kansas City  
Elevation: Ground 3092 KB 3097  
Total Depth 4635 PBTD \_\_\_\_\_



Amount of Surface Pipe Set and Cemented at 366 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2655 Feet  
If Alternate II completion, cement circulated from 2655  
feet depth to surf. w/ 500 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Date August 2, 1990  
Subscribed and sworn to before me this 2nd day of August,  
19 90.  
Notary Public Betty Jane Bittel  
Date Commission Expires July 17, 1992

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)



SIDE TWO

Operator Name The Dane G. Hansen Trust

Lease Name Weyand Well # 1

Sec. 28 Twp. 8S Rge. 32  
 East  
 West

County Thomas

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.)

Formation Description	
Name	Top Bottom
Anhydrite	2688 ( +409)
B/Anhydrite	2716 ( +381)
Chase Group	3087 ( +10 )
Neva Lime	3342 ( -245)
Foraker	3410 ( -313)
Americus	3482 ( -385)
Wabaunsee	3616 ( -519)
Elmont	3758 ( -661)
Howard	3782 ( -685)
Topeka	3842 ( -745)

**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"	20#	366'	60/40 Poz.	190	3% Gel, 3% CC
Production		5 1/2"	14#	4633'	Common	150	Salt Sat. (Bottom)
					60/40 Poz	500	7% Gel (Top)

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
Shots Per Foot	Specify Footage of Each Interval Perforated		
4	4562-66; 4573-75; 4578-80	300 Gal. MCA	4562-66; 4573-75 4578-80
4	4263-69	2000 Gal. NE 15% w/balls	4562-66; 4573-75 4578-80
		250 Gal. MCA = 1250 Gal. NE 15%	4263-69
Bridge Plug set at 4350'			

TUBING RECORD Size 2 7/8" Set At 4332 Packer At \_\_\_\_\_ Liner Run  Yes  No

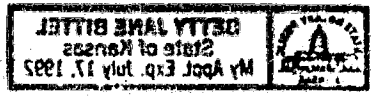
Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<u>102</u>				<u>38°</u>

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

METHOD OF COMPLETION  Open Hole  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_



15-193-20518-00-50

ORIGINAL

The Dane G. Hansen Trust - Weyand #1 - NE NE SW, 28-8-32, Thomas County, Kansas

Additional Log Tops:

Heebner	4038 (-941)
Toronto	4059 (-962)
Lansing	4074 (-977)
Muncie Creek	4200 (-1103)
Stark Shale	4281 (-1184)
Hushpuckney	4320 (-1223)
B/Kansas City	4349 (-1252)
Marmaton	4373 (-1276)
Pawnee	4454 (-1357)
Fort Scott	4525 (-1428)
Cherokee	4556 (-1459)
Johnson Zn.	4602 (-1505)
B/ Cherokee Lm.	4619 (-1522)
LTD	4634 (-1537)

RECEIVED  
STATE GEOLOGICAL COMMISSION

AUG - 8 1990

8/8/90

CONSERVATION DIVISION  
Wichita, Kansas

DRILL STEM TESTS:

DST #1 - 3619-92. 15-45-15-45. Rec. 15' SOCM. SIP's 760/666. FP's 31-31/31-31.

DST #2 - 3725-95. 15-45-30-45. Rec. 80' Mud W/SSO; 120' MW; 700' SW.  
SIP's 1104/1094. FP's 52-197/260-406.

DST #3 - 4037-85. 15-45-60-45. Rec. 60' VSOSM; 90' SW. SIP's 1158/968.  
FP's 31-31/52-52.

DST #4 - 4096-4135. 15-45-15-45. Rec. 3' OSM. SIP's 614/385. FP's 20-20 /20-20.

DST #5 - 4207-85. 15-45-30-45. Rec. 300' GIP; 60' SOCM; 190' MGO; 420' CGO.  
SIP's 1251/1188. FP's 72-125/187-229.

DST #6 - 4283-4315. 15-45-15-45. Rec. 20' SOSM. SIP's 947/416. FP's 31-31/34-34.

DST #7 - 4374-4415. 15-45-15-45. Rec. 20' SOCM. SIP's 62/46. FP's 31-31/31-31.

DST #8.- 4422-70. 15-45-15-45. Rec. 4' SOCM. SIP's 166/62. FP's 31-31/31-31.

DST #9 - 4547-87. 15-45-90-45. Rec. 30' HOCCM. SIP's 187/130. FP's 52-52/52-52.

DST #10 - 4597-4635. 15-45-15-45. Rec. 2' OCM. SIP's 67/62. FP's 52-52/52-52.

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

15-193-20578-0000

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

new ORIGINAL

# ALLIED CEMENTING CO., INC. No. 10195

Home Office P. O. Box 31 Russell, Kansas 67665

Date	5-8-90	Sec.	28	Twp.	8	Range	32	Called Out	4:00 PM	On Location	7:00 PM	Job Start	8:30 PM	Finish	9:00 PM
Lease	Weyand	Well No.	#1	Location	Oakley 2 1/2 to EXTION 1 1/2	County	THOMAS	State	Kansas						
Contractor	Galloway Polg Rig 1														
Type Job	Surface														
Hole Size	12 1/4"														
Csg.	8 3/4"														
Tbg. Size	3 1/2"														
Drill Pipe	3 1/2"														
Tool	3 1/2"														
Cement Left in Csg.	15'														
Press Max.															
Meas Line															
Perf.															

**EQUIPMENT**

#153 No.	Cementer	M Kaufman
Pumptrk	Helper	Gerald K.
No.	Cementer	
Pumptrk	Helper	
#213	Driver	Lawrence H.
Bulktrk	Driver	

<b>DEPTH of Job</b>		
Reference:	#	
	PUMP Trk	360.00
	1-8 3/4" PLUG	40.00
	100 pc MIL.	15.00
	Sub Total	
	Tax	
	Total	415.00

Remarks: CEMENT Circulated

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: D. G. HANSEN TRUST  
 Street: P.O. Box 187  
 City: Logan State: Kan 67646

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *Carl G. Reier*

**CEMENT**

Amount Ordered	190 SKS 60/40 Poz 3% cc 2 3/8 gel		
Consisting of			
Common	114	SKS @ 6.00	684.00
Poz. Mix	76	SKS @ 2.40	182.40
Gel.	3	SKS @ 6.75	N/C
Chloride	5	SKS @ 20.00	100.00
Quickset			
Sales Tax			
Handling	904		171.00
Mileage	3¢		85.50
	15 mile - 8.1990		
	Sub Total		
	Total		1,222.90

Floating Equipment

*Thanks*

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ORIGINAL

15-193-20518-00-000

# ALLIED CEMENTING CO., INC. No. 10020

Home Office P. O. Box 31 Russell, Kansas 67665

New

Date	5-22-90	Sec.	28	Twp.	85	Range	32 <sup>W</sup>	Called Out		On Location		Job Start		Finish	8:30 PM
Lease	Weyand	Well No.	1	Location	Oakley T-70 2nd Exit.			County	Thomas	State	Ks				
Contractor	Galloway Doly														
Type Job	Production String (2 stage)														
Hole Size	7 7/8	T.D.	4635												
Csg.	5 1/2	Depth	4633												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool	Arrow	Depth	2655												
Cement Left in Csg.		Shoe Joint	44.38												
Press Max.		Minimum													
Meas Line		Displace													
Perf.															

Owner 10N 25W 1/2 S  
 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 D.G. Hansen Trust  
 Street P.O. Box 187  
 City Logan State Kan 67646

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. [Signature]  
 X [Signature]

5 salt flush CEMENT  
 Amount Ordered 150 com 10% salt

### EQUIPMENT

Pumptrk	No.	Cementor	<u>Bell</u>
	<u>153</u>	Helper	
Pumptrk	No.	Cementor	<u>Dave</u>
		Helper	
Bulktrk		Driver	<u>Gerald</u>
		Driver	

Consisting of		
Common	<u>150 SKS @ 6.00</u>	<u>900.00</u>
<del>Common</del> Salt	<u>19 SKS @ 4.75</u>	<u>90.25</u>
Gel.		
Chloride		
Quickset		
Sales Tax		

DEPTH of Job		
Reference:	<u>Pump truck</u>	<u>838.00</u>
	<u>1.00 per mile</u>	<u>15.00</u>
Sub Total		
Tax		
Total		<u>853.00</u>

Handling	<u>904</u>	<u>135.00</u>
Mileage	<u>34</u>	<u>67.50</u>
	<u>15 miles - 8 1990/8/8/90</u>	
Sub Total		
Total		<u>1,192.75</u>

Remarks: Float Held

Floating Equipment	<u>52</u>	
1 Guide Shoe	<u>119.00</u>	
1 Basket	<u>121.00</u>	
1 Baker AFW	<u>180.00</u>	
9 <del>cent</del> centralizers	<u>396.00</u>	
1 D.V. Tool	<u>2,608.00</u>	
Total =		<u>3,424.00</u>



18-193-20518-00-00  
 STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: \_\_\_\_\_

Company: The Dane G. Hansen, Trust. Lease: Weyand Well No.: 1

County: Thomas Location: NE-NE-SW Section: \_\_\_\_\_ Township: 28 Range: 8 Acres: 160

Field: North Randall Reservoir: LKC. Pipeline Connection: Koch

Completion Date: 6-27-90 Type Completion (Describe): Pumping Plug Back T.D.: 4340 Packer Set At: \_\_\_\_\_

Production Method: \_\_\_\_\_ Type Fluid Production: Crude API Gravity of Liquid/Oil: 38

Flowing: Pumping Gas Lift \_\_\_\_\_ Casing Size: 5 1/2 Weight: \_\_\_\_\_ I.D.: \_\_\_\_\_ Set At: 4633 Perforations: 4263 - 4269

Tubing Size: 2 1/2 Weight: \_\_\_\_\_ I.D.: \_\_\_\_\_ Set At: 4332 Perforations: \_\_\_\_\_

Pretest: \_\_\_\_\_ Duration Hrs.: \_\_\_\_\_

Starting Date: \_\_\_\_\_ Time: \_\_\_\_\_ Ending Date: \_\_\_\_\_ Time: \_\_\_\_\_

Test: \_\_\_\_\_ Duration Hrs.: \_\_\_\_\_

Starting Date: 10:30 AM Time: 7-28-90 Ending Date: 7-29-90 Time: 2:30 PM Duration Hrs.: 4

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size			
Casing:		Tubing:							
Bbls./In.	Tank	Starting Gauge	Ending Gauge		Net Prod. Bbls.				
Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
<u>1.67</u>									
Pretest:	<u>250</u>	<u>S-Tank</u>	<u>1</u>	<u>1</u>	<u>21.76</u>	<u>1</u>	<u>10</u>	<u>36.82</u>	<u>0</u>
Test:							<u>21.76</u>		
Test:							<u>17.06</u>	<u>X 6 =</u>	<u>102.36</u>

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:	Flange Taps:	Differential:	Static Pressure:					
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure In. Water	In. Merc.	Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter								
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fv)	Chart Factor (Fd)

Gas Prod. MCFD \_\_\_\_\_ Oil Prod. Bbls./Day: \_\_\_\_\_ Gas/Oil Ratio (GOR) = \_\_\_\_\_ Cubic Ft. per Bbl. \_\_\_\_\_

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the \_\_\_\_\_ day of \_\_\_\_\_ 19 \_\_\_\_\_

Gilbert Balthazar  
For Offset Operator
Harold Hanson  
For State
Harold Hanson  
For Company

RECEIVED  
 STATE CORPORATION COMMISSION  
 VICTORIA, KANSAS  
 7/31/90

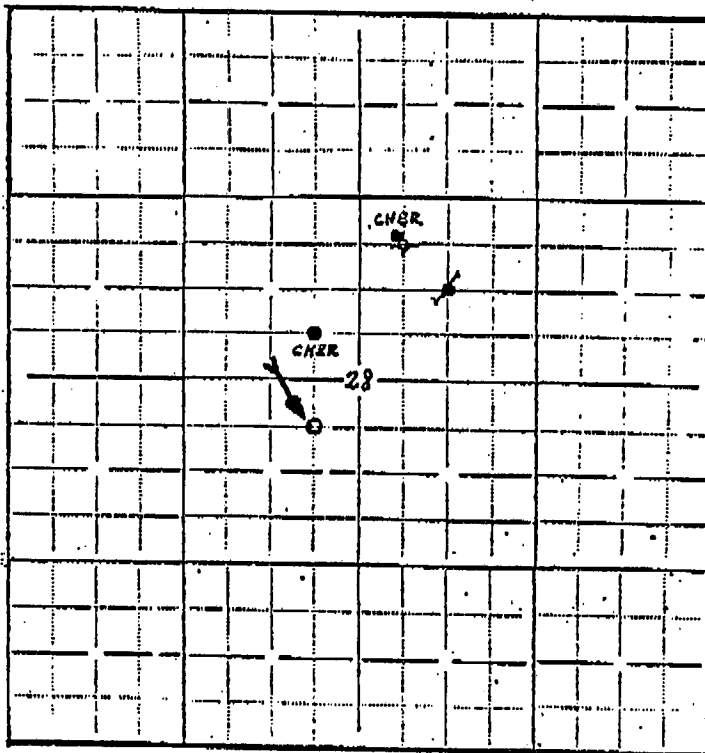
PLAT OF ACREAGE ATTRIBUTABLE TO A WELL

State Corporation Commission, Conservation Division  
200 Colorado Derby Bldg. Wichita, Kansas 67202

OPERATOR The Dane G. Hansen Trust LOCATION OF WELL: NE NE SW, 28-8-32,  
LEASE Weyand 2310 feet north of SE corner  
WELL NUMBER 1 2970 feet west of SE corner  
FIELD North Randall SW/4 Sec. 28 T 8 R 32 E/W  
COUNTY Thomas  
NO. OF ACRES ATTRIBUTABLE TO WELL 20 IS SECTION X REGULAR IRREGULAR?  
DESCRIPTION OF ACREAGE SW/4 IF IRREGULAR, LOCATE WELL FROM NEAREST  
CORNER BOUNDARY.

NOTE: If plat depicted is insufficient for your circumstances, you may attach your own scaled or surveyed plat.

PLAT



Section 28, Township 8 South, Range 32 West

In plotting the proposed location of the well, you must show:

- 1) The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding partial sections, 4 sections, 16 sections, etc.;
- 2) the well's location relative to the location of other wells producing from the same common source of supply in adjoining drilling units, pursuant to K.A.R. 82-3-108, 82-3-207, 82-3-312, or special orders of the Commission;
- 3) the distance of the proposed drilling location from the section's east and south lines; and
- 4) the distance to the nearest lease or unit boundary line.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.

Signature of Operator or Agent [Signature]  
Date 05/03/90 Title GALLOWAY DRILG., CO. INC./AS AGENT

RECEIVED  
STATE CORPORATION COMMISSION  
MAY 3 1990  
CONSERVATION DIVISION  
Wichita, Kansas

5/3/90

15-193-20,518-0-00