

SIDE ONE

D-26,009

ORIGINAL

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

API NO. 15- 193-20,148-000
County Thomas
NW SE Sec. 31 Twp. 10 Rge. 32 East West

Operator: License # 5285

Name: The Dane G. Hansen Trust

Address P. O. Box 187

City/State/Zip Logan, Kansas 67646

Purchaser: _____

Operator Contact Person: Dane G. Bales

Phone (913) 689-4816

Contractor: Name: Galloway Drilling Co., Inc.

License: 5783

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Abd.
 Gas Inj Delayed Completion
 Dry Other (Core, Water Supply, etc.)

If **CMO**: old well info as follows: _____

Operator: The Dane G. Hansen Trust

Well Name: Hecker #4

Comp. Date 8/25/77 Old Total Depth 4610

Drilling Method: Mud Rotary Air Rotary Cable

Spud Date 8/11/77 Date Reached TD 8/26/77 Completion Date 8/26/77

1980 Ft. North from Southeast Corner of Section

1980 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

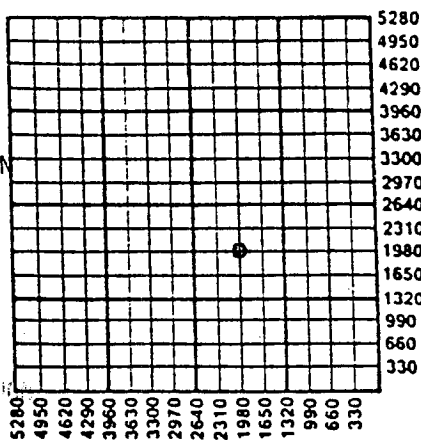
Lease Name Hecker Well # 4 SWD

Field Name U-Pac

Producing Formation Miss.

Elevation: Ground 3080 KB 3085

Total Depth 4755 PBD _____



Amount of Surface Pipe Set and Cemented at 303 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2564 Feet

If Alternate II completion, cement circulated from 2564

feet depth to 80' w/ 550 sx cmt.

RECEIVED
STATE CORPORATION COMMISSION
8-1-90
AUG - 1 1990

WICHITA, KANSAS

Wichita, Kansas

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 7/31/90

Subscribed and sworn to before me this 31 day of July, 1990.

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
8-2-90 SWD/Rep NGPA
 KCC Plug Other
 KGS (Specify)



Operator Name The Dane G. Hansen Trust Lease Name Hecker Well # 4
 County Thomas
 East
 Sec. 31 Twp. 10 Rge. 32 West

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Formation Description <input type="checkbox"/> Log <input type="checkbox"/> Sample Name Top Bottom
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 (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

See attached

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	12 1/4	8 5/8	28#	303.56	Common	180	2% Gel; 3% CC	
		5 1/2	14#	4650	Common	150	(Bottom)	
					60/40 Poz	550	7% Gel	(Top)
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record				
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth	
TUBING RECORD		Size	Set At	Tension Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
				4646				
Date of First Production	Producing Method <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

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 _____

ORIGINAL

DATE 8-22-77

SEC. 31 TWN 10S RG 32W

LEGAL DESCRIPTION NW SE



15-193-20148-0001

TICKET NO 15774

TESTING COMPANY

TEST NO 1

P. O. BOX 547 PHONE (316) 793-3370

GREAT BEND, KANSAS

COMPANY D. G. HANSEN Trust

ADDRESS Box 187 Logan, Kans. 67646

LEASE HECKER WELL NO. 4 COUNTY THOMAS STATE KS

INVOICES SENT TO: SAME AS ABOVE

DST COPIES SENT TO: " " "

GENERAL INFORMATION			
TOOL JT. 4 1/2 FH	HOLE SIZE 7 7/8	PACKER O.D. 6 3/4	
ELEV. _____	TOTAL DEPTH 4210		
TESTED FROM 4179	TO 4210		
ANCHOR LENGTH BELOW 31'	BETWEEN _____		
TOOL OPEN 1ST FLOW 9:55	A.M. _____	P.M. _____	
TOOL CLOSED INITIAL SHUT-IN 10:25	A.M. _____	P.M. _____	
TOOL OPEN 2ND FLOW 10:55	A.M. _____	P.M. _____	
TOOL CLOSED FINAL SHUT-IN 11:25	A.M. _____	P.M. _____	
MUD WT 9.6	VISCOSITY 44	W.L. 12	C.C. _____
SP. GRAVITY OIL ✓	BOTTOM HOLE TEMPERATURE 117		
LENGTH DRILL COLLAR ✓	I.D. _____		
LENGTH WEIGHT PIPE 930'	I.D. 2.76"		
SUCCESSFUL TEST NO. 1	MISRUN NO. ✓		
CHOKES: TOP 1/2"	BOTTOM 1/2"		

PRESSURE DATA & TIME		
	FIELD READINGS	CORRECTED READINGS
INITIAL HYDROSTATIC	2353	2260
INITIAL 1ST FLOW	48	26
FINAL 1ST FLOW	12	26
INITIAL SHUT-IN	48	36
INITIAL 2ND FLOW	12	24
FINAL 2ND FLOW	12	24
FINAL SHUT-IN	36	26
FINAL HYDROSTATIC	2329	2237
TOOL OPEN: 1ST FLOW	HR. 30	MIN. 30
INITIAL SHUT-IN	HR. 30	MIN. 30
2ND FLOW	HR. 30	MIN. 30
FINAL SHUT-IN	HR. 30	MIN. 30
TOP RECORDER NO. 2174	BOTTOM RECORDER NO. 905	

TYPE BLOW WEAK Blow Died in 10min - 2nd opening NO BLOW

RECOVERY: 10' Mud

Retard Bottom Chart

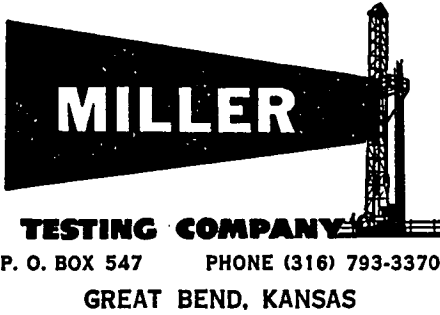
EXTRA EQUIPMENT [Signature] APPROVED BY: [Signature] TESTER: Bud [Signature] FORMATION TESTED: KC OPERATOR TIME: Thank you

MILLER TESTING COMPANY SHALL NOT BE LIABLE FOR ANY DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE. OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST WAS MADE.

CHARGES	
TEST CHARGE	\$ 400.00
EXTRA PACKERS	\$
JARS	\$
SAFETY JOINT	\$
HOOK WALL	\$
MISRUN CHARGE	\$
STAND-BY CHARGE	\$
DST EVALUATION	\$
STRADDLE	\$
TOTAL	\$ 400.00

CONSULTED 10/1/77 MILLER TESTING COMPANY

ORIGINAL



DATE 8-23-77

SEC. 31 TWN 10s RG 32

LEGAL DESCRIPTION NW-SE

TICKET No 15775

TEST NO. 2

P. O. BOX 547 PHONE (316) 793-3370
GREAT BEND, KANSAS

COMPANY D. G. HANSEN Trust

ADDRESS Box 187 Logan

LEASE HECKER WELL NO. 4 COUNTY THOMAS STATE KANS

INVOICES SENT TO: SAME AS ABOVE

DST COPIES SENT TO:

GENERAL INFORMATION

TOOL JT. 4 1/2 FT HOLE SIZE 7 7/8 PACKER O.D. 6 3/4
ELEV. _____ TOTAL DEPTH 4258
TESTED FROM 4218 TO 4258
ANCHOR LENGTH BELOW 40' BETWEEN _____
TOOL OPEN 1ST FLOW 3:30 A.M. _____ P.M.
TOOL CLOSED INITIAL SHUT-IN 4:00 A.M. _____ P.M.
TOOL OPEN 2ND FLOW 4:30 A.M. _____ P.M.
TOOL CLOSED FINAL SHUT-IN 5:00 A.M. _____ P.M.
MUD WT. 9.5 VISCOSITY 36 W.L. 16 C.C.
SP. GRAVITY OIL _____ BOTTOM HOLE TEMPERATURE 120
LENGTH DRILL COLLAR _____ I.D. _____
LENGTH WEIGHT PIPE 980 I.D. 2.76
SUCCESSFUL TEST NO. 2 MISRUN NO. _____
CHOKES: TOP 1/2" BOTTOM 1/2"

PRESSURE DATA & TIME

	FIELD READINGS	CORRECTED READINGS
INITIAL HYDROSTATIC	<u>2329</u>	<u>2221</u>
INITIAL 1ST FLOW	<u>68</u>	<u>58</u>
FINAL 1ST FLOW	<u>68</u>	<u>58</u>
INITIAL SHUT-IN	<u>329</u>	<u>326</u>
INITIAL 2ND FLOW	<u>79</u>	<u>67</u>
FINAL 2ND FLOW	<u>79</u>	<u>67</u>
FINAL SHUT-IN	<u>180</u>	<u>146</u>
FINAL HYDROSTATIC	<u>2329</u>	<u>2200</u>
TOOL OPEN: 1ST FLOW	_____ HR.	<u>30</u> MIN.
INITIAL SHUT-IN	_____ HR.	<u>30</u> MIN.
2ND FLOW	_____ HR.	<u>30</u> MIN.
FINAL SHUT-IN	_____ HR.	<u>30</u> MIN.
TOP RECORDER NO. <u>2774</u>	BOTTOM RECORDER NO. <u>905</u>	

TYPE BLOW WEAK Blow Drilled in 20 min - 2nd opening
NO BLOW

RECOVERY: 15' Mud

EXTRA EQUIPMENT None
APPROVED BY: [Signature]
TESTER: Bob Odell
FORMATION TESTED RC
OPERATOR TIME: Thank you

MILLER TESTING COMPANY

SHALL NOT BE LIABLE FOR ANY DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE. OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST WAS MADE.

CHARGES \$ 400.00

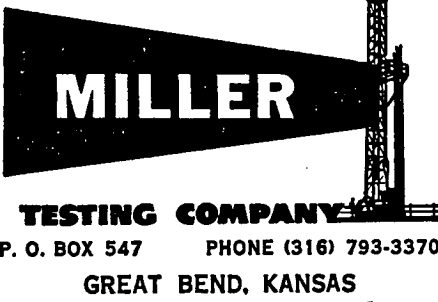
EXTRA PACKERS	\$ _____
JARS	\$ _____
SAFETY JOINT	\$ _____
HOOK WALL	\$ _____
MISRUN CHARGE	\$ _____
STAND-BY CHARGE	\$ _____
DST EVALUATION	\$ _____
STRADDLE	\$ _____
TOTAL	\$ <u>400.00</u>

ORIGINAL

DATE 8-28-77

SEC. 31 TWN 10S RG 32W

LEGAL DESCRIPTION: NW-SE



TICKET No 15726

TEST No. 3

COMPANY D.G. HANSEN TRUST

ADDRESS BOX 187 LOGAN

LEASE HECKER WELL No. 4 COUNTY THOMAS STATE Ks

INVOICES SENT TO: SAME AS ABOVE

DST COPIES SENT TO: " " "

GENERAL INFORMATION		PRESSURE DATA & TIME	
TOOL JT. <u>4 1/2 FH</u>	HOLE SIZE <u>7 7/8</u>	PACKER O.D. <u>6 3/4</u>	
ELEV. _____	TOTAL DEPTH <u>4317</u>	INITIAL HYDROSTATIC <u>2354</u>	CORRECTED READINGS <u>2362</u>
TESTED FROM <u>4266</u>	TO <u>4317</u>	INITIAL 1ST FLOW <u>68</u>	<u>65</u>
ANCHOR LENGTH BELOW <u>51'</u>	BETWEEN _____	FINAL 1ST FLOW <u>68</u>	<u>65</u>
TOOL OPEN 1ST FLOW _____	A.M. <u>9:10</u> P.M. _____	INITIAL SHUT-IN <u>114</u>	<u>90</u>
TOOL CLOSED INITIAL SHUT-IN _____	A.M. <u>9:40</u> P.M. _____	INITIAL 2ND FLOW <u>68</u>	<u>65</u>
TOOL OPEN 2ND FLOW _____	A.M. <u>10:10</u> P.M. _____	FINAL 2ND FLOW <u>68</u>	<u>65</u>
TOOL CLOSED FINAL SHUT-IN _____	A.M. <u>10:40</u> P.M. _____	FINAL SHUT-IN <u>102</u>	<u>78</u>
MUD WT. <u>9.5</u>	VISCOSITY <u>44</u>	FINAL HYDROSTATIC <u>2332</u>	<u>2340</u>
SP. GRAVITY OIL _____	BOTTOM HOLE TEMPERATURE <u>122</u>	TOOL OPEN: 1ST FLOW _____	HR. <u>30</u> MIN.
LENGTH DRILL COLLAR _____	I.D. _____	INITIAL SHUT-IN _____	HR. <u>30</u> MIN.
LENGTH WEIGHT PIPE <u>930'</u>	I.D. <u>2.76</u>	2ND FLOW _____	HR. <u>30</u> MIN.
SUCCESSFUL TEST NO. <u>3</u>	MISRUN NO. _____	FINAL SHUT-IN _____	HR. <u>30</u> MIN.
CHOKES: TOP <u>1/2"</u>	BOTTOM <u>1/2"</u>	TOP RECORDER NO. <u>2774</u>	BOTTOM RECORDER NO. <u>905</u>

TYPE BLOW WEAK Blow Dried in 15 min - 2nd opening
NO BLOW

RECOVERY: 5' DRILL mud

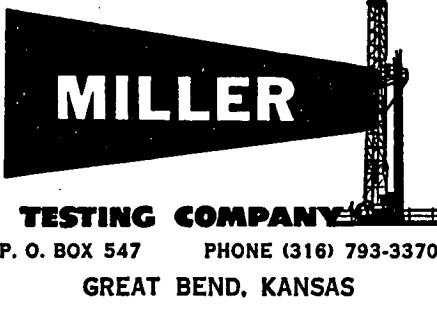
EXTRA EQUIPMENT NONE
APPROVED BY: [Signature]
TESTER: [Signature]
FORMATION TESTED Re
OPERATOR TIME: Thank you

MILLER TESTING COMPANY
SHALL NOT BE LIABLE FOR ANY DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST WAS MADE.

	CHARGES
TEST CHARGE	\$ <u>400.00</u>
EXTRA PACKERS	\$ _____
JARS	\$ _____
SAFETY JOINT	\$ _____
HOOK WALL	\$ _____
MISRUN CHARGE	\$ _____
STAND-BY CHARGE	\$ _____
DST EVALUATION	\$ _____
STRADDLE	\$ _____
TOTAL	\$ <u>400.00</u>

ORIGINAL

DATE 8-25-77
SEC. 31 TWN 10S RG 32W
LEGAL DESCRIPTION NW-SE



TICKET N^o 15823

TEST NO. 4

P. O. BOX 547 PHONE (316) 793-3370
GREAT BEND, KANSAS

COMPANY D. G. HANSEN Trust
ADDRESS Box 187 Logan 67646
LEASE Hecker WELL NO. #4 COUNTY Thomas STATE KANSAS
INVOICES SENT TO: Same as above
DST COPIES SENT TO: " " "

GENERAL INFORMATION

TOOL JT. 46EH HOLE SIZE 7 7/8 PACKER O.D. 6 3/4
ELEV. 3085 K.B. TOTAL DEPTH 4610
TESTED FROM 4575 TO 4610
ANCHOR LENGTH BELOW 35' BETWEEN
TOOL OPEN 1ST FLOW _____ A.M. 1:35 P.M.
TOOL CLOSED INITIAL SHUT-IN _____ A.M. 2:05 P.M.
TOOL OPEN 2ND FLOW _____ A.M. 2:35 P.M.
TOOL CLOSED FINAL SHUT-IN _____ A.M. 3:05 P.M.
MUD WT. 96 VISCOSITY 46 W.L. 10 C.C.
SP. GRAVITY OIL BOTTOM HOLE TEMPERATURE 116
LENGTH DRILL COLLAR I.D.
LENGTH WEIGHT PIPE 903' I.D. 2.76
SUCCESSFUL TEST NO. 4 MISRUN NO.
CHOKES: TOP 1/2" BOTTOM 1/2"

PRESSURE DATA & TIME

	FIELD READINGS	CORRECTED READINGS
INITIAL HYDROSTATIC	<u>3334</u>	<u>2380</u>
INITIAL 1ST FLOW	<u>34</u>	<u>41</u>
FINAL 1ST FLOW	<u>34</u>	<u>41</u>
INITIAL SHUT-IN	<u>34</u>	<u>41</u>
INITIAL 2ND FLOW	<u>34</u>	<u>41</u>
FINAL 2ND FLOW	<u>34</u>	<u>41</u>
FINAL SHUT-IN	<u>34</u>	<u>41</u>
FINAL HYDROSTATIC	<u>3334</u>	<u>2357</u>
TOOL OPEN: 1ST FLOW		HR. <u>30</u> MIN.
INITIAL SHUT-IN		HR. <u>30</u> MIN.
2ND FLOW		HR. <u>30</u> MIN.
FINAL SHUT-IN		HR. <u>30</u> MIN.
TOP RECORDER NO. <u>6234</u>	BOTTOM RECORDER NO. <u>1134</u>	

TYPE BLOW weak blow died in 11 minutes

RECOVERY: 5' mud

EXTRA EQUIPMENT NONE
APPROVED BY: _____ MILLER TESTING COMPANY
TESTER: Jessie W. [Signature]
FORMATION TESTED Johnson
OPERATOR TIME: NONE

SHALL NOT BE LIABLE FOR ANY DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE. OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST WAS MADE.

CHARGES	
TEST CHARGE	\$ <u>400⁰⁰</u>
EXTRA PACKERS	\$ _____
JARS	\$ _____
SAFETY JOINT	\$ _____
HOOK WALL	\$ _____
MISRUN CHARGE	\$ _____
STAND-BY CHARGE	\$ _____
DST EVALUATION	\$ _____
STRADDLE	\$ _____
TOTAL	\$ <u>400⁰⁰</u>

ORIGINAL

The Dane G. Hansen Trust
Hecker #4
NW SE, 31-10-32,
Thomas County, Kansas

Information from original well drilled in 1977.

Drill Stem Tests	Sample Tops	
DST #1 - 4179-4210. 30-30-30-30. Very Weak Blow for 10 Minutes. Rec. 10' Mud. SIP's 48/36 FP's 48-12/12-12.	Anhydrite B/Anhydrite Heebner Toronto Lansing Stark Shale BKC Marmaton Pawnee U. Cherokee Fort Scott L. Cherokee Johnson Zone RTD	2584 (+501) 2629 (+456) 4006 (-921) 4028 (-943) 4045 (-960) 4261 (-1176) 4326 (-1241) 4351 (-1266) 4430 (-1345) 4511 (-1426) 4514 (-1429) 4545 (-1460) 4589 (-1504) 4610
DST #2 - 4218-58. 30-30-30-30. Very Weak Blow for 20 Minutes. Rec. 15' Mud. SIP's 329/180. FP's 68-68/79-79.		
DST #3 - 4266-4317. 30-30-30-30. Very Weak Blow for 15 Minutes. Rec. 5' Mud. SIP's 114/102. FP's 68-68/68-68.		
DST #4 - 4575-4610. 30-30-30-30. Rec. 5' Mud. SIP's 34/34. FP's 34-34/34-34.	New Sample Tops: Mississippi RTD	4648 (-1563) 4755

RECEIVED
STATE COMMISSION

AUG - 1 1990

CONSERVATION DIVISION
Wichita, Kansas

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

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

new

ALLIED CEMENTING CO., INC.

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

No. 9804
 ORIGINAL

Date	6-8-90	Sec.	31	Twp.	10	Range	32	Called Out	On Location	Job Start	Finish
									2:30 PM		7:00 PM
Lease	Hecker	Well No.	#4	Location	Oakley 4W-1N-1/2W-1/4N			County	Thomas	State	Kan

Contractor	Galloway Digs #1	
Type Job	Prod String (Bottom)	
Hole Size	7 7/8	T.D. 4755'
Csg.	5 1/2	Depth 4650'
Tbg. Size		Depth
Drill Pipe		Depth
Tool	D-V	Depth 2564'
Cement Left in Csg.	31'	Shoe Joint 3110'
Press Max.		Minimum
Meas Line	✓	Displace

Owner
 To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.

Charge To D.G. Hansen Trust
 Street Box 187
 City Logan State Kansas
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X *P-B-20*
 CEMENT

Amount Ordered 150 COM

Consisting of
 Common 150 SKs @ 6.00 900.00
 Poz. Mix
 Gel.
 Chloride
 Quickses

1990 Sales Tax
 Handling 9.00 135.00
 Mileage 3.00 40.00

Sub Total
 Total 1075.00

Perf. EQUIPMENT

No.	Cementer	Helper
Pumptrk 177	Walt	Will
Pumptrk 156	Mark	
Bulktrk 96	John	
Bulktrk 213	Jim	

DEPTH of Job

Reference:	Pumptruck	838.00
	1.00 per mile	6.00
	Sub Total	
	Tax	
	Total	844.00

Remarks:

Floating Equipment 5 1/2

1- Guide Shoe	119.00
1- Baker insert	180.00
7- Centralizers @ 44.00 ea	308.00
2- Baskets @ 121.00 ea	242.00
1- D-V Tool	2608.00
	3457.00

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. No. 9805

Home Office P. O. Box 31

Russell, Kansas 67665

ORIGINAL

Date	6-8-90	Sec.	31	Twp.	10	Range	32	Called Out		On Location		Job Start		Finish	9:00 PM
Lease	Hecker	Well No.	#4	Location	Oakley 9W-1N-1/2W-1/4N				County	Thomas	State	Kan			
Contractor	Galloway Dels #1														
Type Job	Prod string (Top)														
Hole Size	7 7/8	T.D.	4755'												
Csg.	5 1/2	Depth	4650'												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool	DV	Depth	2564'												
Cement Left in Csg.	31'	Shoe Joint	31.10												
Press Max.		Minimum													
Meas Line	✓	Displace													
Perf.															

Owner SAME

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 Box 187

City LOGAN State Kansas

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

Purchase Order No. _____

X *[Signature]*

CEMENT

Amount Ordered 550 SKS 60/40 per, 7% bel

Consisting of

Common	330 SKS @ 6.00	1980.00
Poz. Mix	220 SKS @ 2.40	528.00
Gel.	23 SKS @ 6.75	155.25
Chloride		
Quickset		

Sales Tax

Handling 90¢

Mileage 3¢

Sub Total

Total 3257.25

RECEIVED

STATE OF KANSAS CONSERVATION DIVISION
Floating Equipment

AUG - 1 1990

CONSERVATION DIVISION
Wichita, Kansas

EQUIPMENT

No.	Cementer	Walt
Pumptrk 177	Helper	Will
No.	Cementer	
Pumptrk	Helper	
156	Driver	mark
Bulktrk 213		Jim
Bulktrk 96	Driver	John

DEPTH of Job		
Reference:	Pumptruck	450.00
	Sub Total	
	Tax	
	Total	450.00

Remarks:

STATE OF KANSAS CONSERVATION DIVISION
Floating Equipment

AUG - 1 1990

CONSERVATION DIVISION
Wichita, Kansas