

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

Operator: License # 5614

Name: Hutchinson Oil Co.

Address 105 S. Broadway, Suite 470

City/State/Zip Wichita, KS 67202

Purchaser: Texaco Trading & Transportation

Operator Contact Person: Steve Hutchinson

Phone (316) 262-1525

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: James C. Musgrove

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, MSW, 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 _____ PBTB
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

03-03-92 03-10-92 03-18-92
Spud Date Date Reached TD Completion Date

API NO. 15- 185-22,828-0000

County Stafford

100'E of SW SE SW Sec. 17 Twp. 22 Rge. 12 E
XW

4950 Feet from S (circle one) Line of Section

3530 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 Daniels Well # 1

Field Name Wildcat

Producing Formation Conglomerate

Elevation: Ground 1870 KB 1878

Total Depth 3800' PBTB 3765'

Amount of Surface Pipe Set and Cemented at 690' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan alt II 690's.c.
(Data must be collected from the Reserve Pit) 8-13-93 C.B.
Bond log was sent

Chloride content 5,000 ppm Fluid volume 840 bbls

Dewatering method used N/A

Location of fluid disposal if hauled offsite: _____

Operator Name Bob's Oil Service

Lease Name Teichmann SWDW License No. 30610

SW Quarter Sec. 16 Twp. 22 S Rng. 12 E/W

County Stafford Docket No. D-23,722

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado
Darby 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. **RECEIVED**
MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.
KANSAS CORPORATION COMMISSION

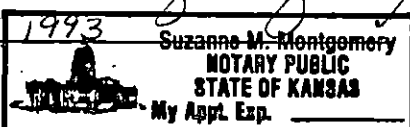
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied
with and the statements herein are complete and correct to the best of my knowledge.

Signature W.D. S. Stuber
Title Owner Date 4/20/92

Subscribed and sworn to before me this 20th day of April
19 92.

Notary Public Suzanne M. Montgomery

Date Commission Expires Sept. 15 1993



JUL 15 1992 7-15-92

K.C.C. OFFICE USE ONLY
F CONSERVATION DIVISION Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

JAN 1990

SIDE TWO

Operator Name Hutchinson Oil Co. Lease Name Daniels Well # 1
 Sec. 17 Twp. 22 Rge. 12 East County Stafford
 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	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	673	+1205
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3185	-1307
List All E.Logs Run: DIGL CDL/DSN CAL	(See attached for DSTS.)	Brown Lime	3325	-1447
		Lansing	3341	-1463
		Base Kansas City	3564	-1686
		Viola	3627	-1749
		Simpson Shale	3679	-1801
		Arbuckle	3733	-1855
		LTD	3797	-1919

CASING RECORD <input checked="" 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 1/2"	8-5/8"	23# new	690'	60/40poz	320	2% gel 3% cc.
Production	7-7/8"	5 1/2"	14# used	3790'	60/40poz	125	10% salt 3/4% Halid #322

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4 spf	3629'-34'		250 gals 7 1/2% MCA acid (dried up)	
2 spf	3617'-21'		None	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 7/8ths	3697'			
Date of First, Resumed Production, SWD or Inj.			Producing Method			
March 18th 1992			<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	
	50	-0-	5			

Disposition of Gas: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Dually Comp. <input type="checkbox"/> Conningled <input type="checkbox"/> Other (Spec.)	Production Interval 3617'-21'
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ORIGINAL

#1 DANIELS DRILL STEM TESTS

- DST #1 3334-3378' 30-30-30-30 w/b 1st opening, no blow 2nd opening.
Recv'd 10' mud no show ISIP 61# FSIP 61# IFP 52#-52# FFP 52#-52#
IHP 1733# FHP 1610# BHT 106°.
- DST #2 3473-3550' 20-20-20-20 w/b both openings Recv'd 15' mud no show
ISIP 227# FSIP 106# IFP 52#-52# FFP 61#-61# IHP 1780#FHP 1716#
BHT 104°.
- DST #3 3600-3655' 30-45-10-65 SB OBOB in 10 sec. Fluid to surface in
28 minutes on 1st opening, 2nd opening flowed oil. Reversed out
3655' clean oil and 120' of water oil gravity 36°, chlorides 5500
PPM ISIP 1246# FSIP 1241# IFP 1047#-1184# FFP 1177#-1206# IHP
1834# FHP 1694# BHT 110°.
- DST #4 3736-3742' 30-45-45-60 SB OBOB on both openings Recv'd 744' SW
ISIP 1279# FSIP 1279# IFP 61#-170# FFP 206#-318# IHP 1906# FHP
1866# BHT 114°.

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 15 1992

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL



HALLIBURTON SERVICES

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

INVOICE NO.	DATE
15-185-22828-0000	211575 03/03/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
DANIELS 1		STAFFORD		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
GREAT BEND		DUKE DRILLING CO	CEMENT SURFACE CASING		03/03/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
417150	JOHN J ARMERUSTER			COMPANY TRUCK	30826

HUTCHINSON'S OIL CO
105 S BROADWAY STE 470
WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - EASTERN AREA1					
000-117	MILEAGE	22	MI	2.60	57.20
		1	UNT		
001-016	CEMENTING CASING	690	FT	680.00	680.00
		1	UNT		
030-503	WOODEN TOP PLUG	8 5/8	IN	90.00	90.00
		1	EA		
504-308	STANDARD CEMENT	192	SK	5.88	1,128.96
506-105	POZMIX A	128	SK	3.29	421.12
506-121	HALLIBURTON-GEL 2%	6	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	26.50	212.00
500-207	BULK SERVICE CHARGE	336	CFT	1.15	386.40
500-306	MILEAGE CMTG MAT DEL OR RETURN	315.81	TMI	.80	252.65
INVOICE SUBTOTAL					3,228.33
DISCOUNT-(BID)					726.36-
INVOICE BID AMOUNT					2,501.97
*-KANSAS STATE SALES TAX					79.09
*-BARTON COUNTY SALES TAX					18.60
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,599.66

RECEIVED
KANSAS CORPORATION COMMISSION
JUL 15 1992
CONSERVATION DIVISION
WICHITA, KS

Handwritten notes:
4-9-92
OK # 10-2-94

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT

FORM 1906 R-11

15-185-22828-0000

WELL NO.—FARM OR LEASE NAME #1 Daniels		COUNTY Stallford	STATE KS	CITY / OFFSHORE LOCATION	DATE 3-3-92
CHARGE TO Hutchinson Oil Co		OWNER Same		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR Duke Dry		LOCATION 1 Gr. Bend, KS	CODE 24570
CITY, STATE, ZIP		SHIPPED VIA HALCO	FREIGHT CHARGES <input type="checkbox"/> FPD <input type="checkbox"/> COLLECT	LOCATION 2	CODE
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO. 185-20,828	DELIVERED TO LOC	LOCATION 3	CODE
TYPE AND PURPOSE OF JOB 010		B-118156	ORDER NO.	REFERRAL LOCATION	

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum, in the event it becomes necessary to employ an attorney to enforce collection of said account. Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-117				MILEAGE	22	mi			2.60	57.20
001-016				Pump Change 600'	1	ea	8	hr		6.00 00
030-503				Top Plug	1	ea	5	hr		90.00

THIS IS NOT AN INVOICE

RECEIVED
 KANSAS CORPORATION COMMISSION
 JUL 15 1992
 CONSERVATION DIVISION
 WICHITA, KS

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-118156** 2401 13

WAS JOB SATISFACTORILY COMPLETED? _____
 WAS OPERATION OF EQUIPMENT SATISFACTORY? _____
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____
 John J. Armbruster
 CUSTOMER OR HIS AGENT (PLEASE PRINT)
 John J. Armbruster
 CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.
Jim W. Brown 49861
 HALLIBURTON OPERATOR
 HALLIBURTON APPROVAL
CUSTOMER

SUB TOTAL 2401.13
 APPLICABLE TAXES WILL BE ADDED ON INVOICE.



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ORIGINAL

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 211575

DISTRICT North KS

DATE 3-3-92

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Hutchinson Oil Co (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1 LEASE Daniels SEC. 17 TWP. 22s RANGE Raw

FIELD _____ COUNTY Sealed STATE KS OWNED BY _____

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____ FORMATION THICKNESS _____ FROM _____ TO _____ PACKER: TYPE _____ SET AT _____ TOTAL DEPTH _____ MUD WEIGHT _____ BORE HOLE _____ INITIAL PROD: OIL _____ BPD, H2O _____ BPD, GAS _____ MCF PRESENT PROD: OIL _____ BPD, H2O _____ BPD, GAS _____ MCF

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I., SHOTS/FT. Rows include CASING, LINER, TUBING, OPEN HOLE, and PERFORATIONS.

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER RECEIVED KANSAS CORPORATION COMMISSION

JUL 15 1992

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS CONSERVATION DIVISION WICHITA, KS

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice.
b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage.
2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
3. Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.
c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton.
d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE.
e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton.
f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED [Signature] CUSTOMER

DATE 3-3-92

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

TIME 2:00 A.M. P.M.

CUSTOMER

ORIGINAL

WELL DATA
 FIELD 17 SEC. 225 TWP. 12 RING. Stallard COUNTY KS 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 _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	1	25	8 7/8	0	627	
LINER						
TUBING						
OPEN HOLE			12 1/4	0	640	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>3-3</u>	DATE <u>3-3</u>	DATE <u>3-3</u>	DATE <u>3-3</u>
TIME <u>1815</u>	TIME <u>930</u>	TIME <u>2130</u>	TIME <u>2300</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Reno</u>	<u>49861</u>	<u>35330 PU 25520</u>
<u>S. Gussner</u>	<u>79501</u>	<u>3244 COMB 11</u>
<u>K. Goodley</u>	<u>69400</u>	<u>2656 BULK 11</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-API
 DISPL. FLUID _____ DENSITY _____ LB/GAL-API
 PROP. TYPE _____ SIZE _____ LB.
 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 _____

DEPARTMENT Cement

DESCRIPTION OF JOB Surf Pipe

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X John Flombrustar

HALLIBURTON OPERATOR J. Reno COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>320</u>	<u>440160</u>		<u>B</u>	<u>3700</u>	<u>126</u>	<u>14.15</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 13 REASON Request

PRESLUSH: BBL-GAL 10 TYPE Flush
 LOAD & BRDN: BBL-GAL _____ PAD: BBL-GAL _____
 TREATMENT: BBL-GAL _____ DISPL: BBL-GAL 4325
 CEMENT SLURRY: BBL-GAL 77
 TOTAL VOLUME: BBL-GAL _____

RECEIVED
 KANSAS CORPORATION COMMISSION

JUL 15 1992

CONSERVATION DIVISION
 WICHITA, KS

CUSTOMER Hartman & Sons Oil Co
 LEASE PANVELS
 WELL NO. 1
 JOB TYPE Surf
 DATE 3-3-92

JOB LOG ORIGINAL

WELL NO. 1

LEASE WYVINGUS

TICKET NO. 11-12

CUSTOMER

Hutchinson Oil Co

PAGE NO. 1

JOB TYPE

Surf

DATE

3-3-92

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								ON LOC - Rig drilling
	2130							BREAK CIRC
	2130	6	10			300		Pump 100% Fresh H2O
	2152	6	0			300		Sti Cement
	2204	6	69			300		Finish Mixing
	2205	—	—			—		Drop Plug
	2206	7	0			300		START DISA.
	2203	7	44			450		Plug down - Cement in collar
								Job Complete Thank You Jim Reno Shawn Guesnier Kevin Gordley

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