

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 # 6039
Name: L.D. Drilling, Inc.
Address RR 1 Box 183B
City/State/Zip Great Bend, KS 67530
Purchaser:
Operator Contact Person: L. D. Davis
Phone (316) 793-3051

Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Todd Morgenstern

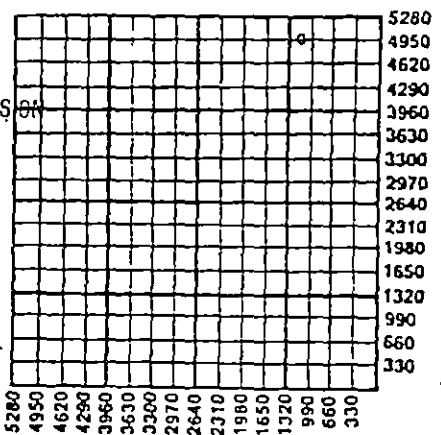
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWWO: old well info as follows:
Operator:
Well Name:
Comp. Date Old Total Depth
Drilling Method:
 Mud Rotary Air Rotary Cable
04-17-91 04-23-91
Spud Date Date Reached TD Completion Date

API NO. 15- 185-22,766-0000
County Stafford
160' W of East
NW NE NE Sec. 30 Twp. 21 Rge. 12 West
4950 Ft. North from Southeast Corner of Section
1150 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Wayne Fischer Well # 1
Field Name Mueller
Producing Formation
Elevation: Ground 1863 KB 1871
Total Depth 3631 PBDT

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STATE CORPORATION COMMISSION OF
JUN 05 1991
CONSERVATION DIVISION
Wichita, Kansas



Amount of Surface Pipe Set and Cemented at 333 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 cmt.

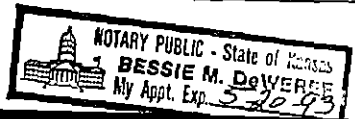
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 L. D. Davis L. D. Davis
Title President Date 5-30-91

Subscribed and sworn to before me this 30 day of May
19 91.
Notary Public Bessie M. Dewerff
Date Commission Expires 5-20-93 Bessie M Dewerff

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)



P1

SIDE TWO

Operator Name L. D. Drilling, Inc. Lease Name Wayne Fischer Well # 1
 Sec. 30 Twp. 21 Rge. 12 East West
 County Stafford

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) 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 (Submit Copy.) DST on separate sheet	<p style="text-align: center;">Formation Description</p> <p><input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Bottom</td> <td style="width:30%;"></td> </tr> <tr> <td>Anhy.</td> <td>682-704</td> <td>(+1186)</td> <td>Arbuckle</td> </tr> <tr> <td>Topeka</td> <td>2854</td> <td>(-983)</td> <td>3611 (-1740)</td> </tr> <tr> <td>Heebner</td> <td>3131</td> <td>(-1260)</td> <td></td> </tr> <tr> <td>Toronto</td> <td>3150</td> <td>(-1279)</td> <td></td> </tr> <tr> <td>Douglas</td> <td>3168</td> <td>(-1297)</td> <td></td> </tr> <tr> <td>Brn Lime</td> <td>3266</td> <td>(-1395)</td> <td></td> </tr> <tr> <td>LKC</td> <td>3266</td> <td>(-1408)</td> <td></td> </tr> <tr> <td>B K/C</td> <td>3501</td> <td>(-1630)</td> <td></td> </tr> <tr> <td>Cong</td> <td>3508</td> <td>(-1637)</td> <td></td> </tr> <tr> <td>Viola</td> <td>3530</td> <td>(-1659)</td> <td></td> </tr> <tr> <td></td> <td>Simp.</td> <td>3561</td> <td>(-1690)</td> </tr> </table>	Name	Top	Bottom		Anhy.	682-704	(+1186)	Arbuckle	Topeka	2854	(-983)	3611 (-1740)	Heebner	3131	(-1260)		Toronto	3150	(-1279)		Douglas	3168	(-1297)		Brn Lime	3266	(-1395)		LKC	3266	(-1408)		B K/C	3501	(-1630)		Cong	3508	(-1637)		Viola	3530	(-1659)			Simp.	3561	(-1690)
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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 1/2"	8-5/8"	23#	333'	60/40poz	225	2% gel 3% cc.

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD Size _____ Set At _____ 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
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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 _____

ATTACHMENT FOR ACO-1

Operator:L. D. Drilling, Inc.
 RR 1 Box 183 B
 Great Bend, Kansas
 67530

Lease: Wayne Fischer
 County: Stafford
 160' W NW NE NE sec. 30-21-12

DST #1 3271-3357

Times: 45-45-45-45

Blow: 1st open: strong blow in 8 min.

2nd open: fair 4" blow

Recovery: 60' gip, 60' gassy mud, 180' socgm 3% oil, 15% gas, 82% mud

IFP: 60-70

FFP: 122-124

ISIP: 1388

FSIP: 1300

DST #2 3396-3432

Times: 15-15-15-15

Blow: 1st open: weak blow

2nd open: very weak blow

Recovery: 15' heavy drilling mud

IFP: 72-76

FFP: 98-98

ISIP: 1309

FSIP: 1172

DST #3 3436-3450

Times: 45-45-45-45

Blow: 1st open: strong blow in 5 min.

2nd open" strong blow in 7 min.

Recovery: 60' gip, 800' gassy water

IFP: 109-250

FFP: 335-405

ISIP: 1456

FSIP: 1407

DST #4 3458-3502

Times: 45-45-45-45

Blow: 1st open: strong blow off bb in 25 min.

2nd open: good 7" blow thru-out very weak, shut in

Recovery: 300' gip, 40' ocgm

IFP: 34-32

FFP: 34-34

ISIP: 120

FSIP: 90

DST #5 3613-3618 Arbuckle

Times: 30-30-15-30

Blow: 1st open: weak blow

2nd open: no blow

Recovery: 10' Heavy Drilling Mud

IFP: plugging

FFP: plugging

ISIP: 1054

FSIP: 957

DST #6 3612-3622 Arbuckle

Times: 30-30-30-30

Blow: 1st open: weak blow slowly blt to 1" & died

2nd open: 1" blow decreased to 1/4"

Recovery: 40' thin mud W/few specks of oil

IFP: 30-30

FFP: 34-34

ISIP: 46

ISIP: 38

RECEIVED
 STATE CORPORATION COMMISSION

JUN 05 1991

CONSERVATION DIVISION
 Wichita, Kansas

ALLIED CEMENTING CO., INC.

No 1658

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	4-23-91	Sec.	30	Twp.	21	Range	12	Called Out	6:30 P.M.	On Location	9:30 P.M.	Job Start	10:00 A.M.	Finish	11:15 P.M.	
Lease	Wayne Fisher	Well No.	#1	Location				Dunmouth	County	Stafford	State	Ks.				
Contractor	Duke Ditz #2											Owner	Same			
Type Job	Rotary Plug											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.				
Hole Size	7 7/8		T.D. 3631'													
Csg.												Charge To				
Tbg. Size												Davis Petroleum Inc.				
Drill Pipe	4 1/2 x-hole		Depth 700'													
Tool												Street RR 1 Box 183 B				
Cement Left in Csg.												City Great Bend State Ks 67530				
Press Max.												The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line												Purchase Order No.				
Perf.												X <i>John J. Lamberton</i>				

EQUIPMENT

No.	Cementor	
Pumptrk #63	Helper	Don Dearing
Pumptrk	Helper	John H.
Bulktrk #101	Driver	Steve Klopfer
Bulktrk	Driver	

DEPTH of Job

Reference:		
15	Dump Truck	380.00
	Mileage	30.00
	Plug	20.00
	Total	430.00

Remarks:

50sk @ 700'
 50sk @ 360'
 10sk @ 40'
 15sk Rathole
 10sk mouse hole

CEMENT			
Amount Ordered	135 sk	60/40	60/ogel
Consisting of			
Common	81	5.25	425.25
Poz. Mix	54	2.25	121.50
Gel.	8	6.75	54.00
Chloride			
Quickset			
Handling	135	1.00	135.00
Mileage	15		81.00
			Total
			816.75

Floating Equipment

Thank You! Total \$ 1246.75
 Disc - 249.35
 \$ 997.40

RECEIVED
 STATE CORPORATION COMMISSION

JUN 05 1991

CONSERVATION DIVISION
 Wichita, Kansas

HALLIBURTON SERVICES
Duncan, Oklahoma 73536

ORIGINAL

TICKET NO. 125500-1

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME 1 Wayne Fisher		COUNTY Stafford	STATE Ks.	CITY/OFFSHORE LOCATION	DATE 4-17-91
CHARGE TO L. D. Drilling, Inc		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 Drilling Rig # 2	LOCATION 1 Great Bend, Ks.	CODE 35536	
CITY, STATE, ZIP		SHIPPED VIA Co Trk	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	LOCATION 2	CODE
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO. 15-185-22766	DELIVERED TO Location	LOCATION 3	CODE
TYPE AND PURPOSE OF JOB 010		B-918129	ORDER NO.	REFERRAL LOCATION	

In 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		1		MILEAGE	16	mi			2.60	41	60
001 016		1		Pump Charge	8	hr	333	ft	515.	515	00
030 503		1		Plug	1	ea	8 7/8		90.00	90	00

THIS IS AN INVOICE

RECEIVED
STATE CORPORATION COMMISSION

JUN 05 1991

CONSERVATION DIVISION
Wichita, Kansas

NOT

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-918129** 153279

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

J. P. O. [Signature]
CUSTOMER OR HIS AGENT (PLEASE PRINT)

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.

Jerry Bennett
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

CUSTOMER

SUB TOTAL
APPLICABLE TAXES WILL BE ADDED ON INVOICE.



HALLIBURTON SERVICES
Cotton, Oklahoma 73020

BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND
TICKET NO. 125500

ORIGINAL

A Division of Halliburton Company

DATE 4-17-91	CUSTOMER ORDER NO.	WELL NO. AND FARM Wayne Fisher #1	COUNTY Stafford	STATE Ks.
CHARGE TO L. D. Davis Drilling, Inc.	OWNER L. D. Davis	CONTRACTOR Duke Drlg.		NO. B 918129
MAILING ADDRESS	DELIVERED FROM Great Bend, Ks.	LOCATION CODE 25520	PREPARED BY S.C. Henry	
CITY & STATE	DELIVERED TO Location	TRUCK NO. 4604-8206	RECEIVED BY J. Bennett	

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT		
		L	D		QTY.	MEAS.	QTY.	MEAS.				
				225 40%pozmix/60%Cement								
504-308	516.00261	1	B	Standard Cement	135	sk			5.35	722	25	
506-105	516.00286	1	B	Pozmix A	90	sk			2.79	251	10	
506-121	516.00259	1	B	4 Halliburton Gel 2% Allowed							NC	
509-406	809.508	121	B	Calcium Chloride 3%w/225	6	sk			26.25	157	50	
RECEIVED STATE CORPORATION COMMISSION JUN 05 1991 CONSERVATION DIVISION Wichita, Kansas												
				Returned Mileage Charge								
				TOTAL WEIGHT		LOADED MILES		TON MILES				
				SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET				
500-207		1	B	SERVICE CHARGE				CU. FEET 237	1.15	272	55	
500-306		1	B	Mileage Charge	20,217	16		161.74	.80	129	39	
No. B 918129				CARRY FORWARD TO INVOICE					SUB-TOTAL		1532.79	



**WORK ORDER CONTRACT
AND PRE-TREATMENT DATA**

ORIGINAL

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 125500

DISTRICT Peach, Ks. DATE 4-17-91

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: h D Drilling, Inc (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. #1 LEASE Wayne Fisher SEC 30 TWP. 21 RANGE 12
FIELD Mueller COUNTY St. Charles STATE Ks OWNED BY Same

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

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	N	23	8 5/8	KB	333	
LINER						
TUBING						
OPEN HOLE			12 1/4	333	335	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____
TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____

Set 8 5/8" + 333' w/ 225 SKS 40-60 Permiox 2% gel, 3% cc

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

- As consideration, the above-named Customer agrees. THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED.
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 15th of the following month after date of invoice. Upon Customer's failure to pay, Halliburton shall have the right to suspend service until payment of Customer's account by the 15th day of the month following the month in which the invoice is dated. Customer agrees to pay interest thereon after default at the rate of 12% per annum, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of such account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
 - 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:
 - 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, the term "well owner" shall include working and royalty interest owners.
 - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - 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.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section (b) and Section (c) below shall apply to claims of liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacturing, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections (b) and (c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
 - 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 its products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job report or other data furnished by Halliburton. Halliburton in return will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees to hold Halliburton harmless from and against any damages arising from the use of such information.
 - 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. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials shall be 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 products, supplies or materials. Halliburton shall be liable for special, incidental, indirect, punitive or consequential damages only if such products, supplies or materials are not recovered. Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the event of damage to or loss of any equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
 - To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
 - That this contract shall be governed by the law of the state where services are performed or materials are furnished.
 - 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.

RECEIVED
STATE CORPORATION COMMISSION
JUN 5 1991

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 4-17-91
TIME 2:00 A.M. P.M.

We certify 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.

CUSTOMER

WELL DATA

FIELD _____ SEC. 30 TWP. 21 RING. 12 COUNTY Stafford 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	N	33	8 7/8	KB	333	
LINER						
TUBING						
OPEN HOLE			12 1/4	333	335	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 4-17	DATE 4-17	DATE 4-17	DATE 4-17
TIME 1830	TIME 2015	TIME 2130	TIME 2300

TOOLS AND ACCESSORIES

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

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO & TYPE	LOCATION
J Bennett	C-umb	
D Smith	3212	25520
	B-1K	
D Roussey	4604	25520

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 Grant

DESCRIPTION OF JOB 8 7/8 Surface

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR Jerry Bennett COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS/GAL
	225	40-60	Pozmix	B	2% set, 3% lcc	1.27	14.3

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL-GAL _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL-GAL _____ PAD. BBL-GAL _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL _____ DISPL (BBL-GAL) 31

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY (BBL-GAL) 50.9

ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL-GAL _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 15 REASON Request

REMARKS
STATE CORPORATION COMMISSION

JUN 05 1991

CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER
10 Drilling
LEASE
10-10-1988
WELL NO.

JOB TYPE
8 7/8 Surface
DATE
4-17-91

JOB LOG

WELL NO. 1 LEASE Wayne Fischer TICKET NO. 12550
 CUSTOMER LD Drilling, Inc. PAGE NO. ORIGINAL
 JOB TYPE 8 5/8 Surface DATE 4-17-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1830							Called out
	2015							On location
	2030							Set up truck
	2130							Break circulation
	2140	6	1		✓	250		Start mixing cement
	2151	6	51		✓	100		Finish mixing cement
	2153		—			—		Release Plug
	2155	1	1		✓	40		Start displacement
	2200	6	20.9		✓	250 NO		Plug down at 318' By wireline
						OK		Good cement returns Cellar was full
	2215							Wash + Rack up
	2230							Job complete
								Thank You
								3242-P
								81870 Jerry Bennett
								89475 David Scott
								Denise Ramsey
								RECEIVED STATE CORPORATION COMMISSION
								JUN 05 1991
								CONSERVATION DIVISION Wichita, Kan 67202