

ORIGINAL

FORM MUST BE TYPE

SIDE ONE

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

API NO. 15- 185-22,855-0000

County Stafford
100' E 50' N
SE SW NW Sec. 18 Twp. 25S Rge. 13 W

Operator: License # 5418

2260' Feet from S (circle one) Line of Section

Name: Allen Drilling Company

1090' Feet from E (circle one) Line of Section

Address 6565 S. Dayton

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

Suite 3800

City/State/Zip Englewood, Colorado 80111

Lease Name Fisher Well # 1-18

Purchaser: Koch Oil Company

Field Name Kachelman

Operator Contact Person: Doug Hoisington

Producing Formation Mississippi

Phone (303) 799-6660

Elevation: Ground 1958' KB 1963'

Contractor: Name: Allen Drilling Company

Total Depth 4360' PBD 4200'

License: 5418

Amount of Surface Pipe Set and Cemented at 433 Feet

Wellsite Geologist: Jeffrey R. Zoller

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

X New Well Re-Entry Workover

X Oil SWD SLOW Temp. Abd.

 Gas EXHR SIGW

 Dry Other (Core, NSW, Expl., Cathodic, etc)

If yes, show depth set Feet

If Alternate II completion, cement circulated from N/A

feet depth to w/ ex cnt.

If Workover/Re-Entry: old well info as follows:

Operator: N/A

Drilling Fluid Management Plan ALT 1 OP 11-11-92
(Data must be collected from the Reserve Pit)

Well Name:

Chloride content 47000 ppm Fluid volume 1200 bbls

Comp. Date Old Total Depth

Dewatering method used Haul offsite

 Deepening Re-perf. Conv. to inj/SWD

Location of fluid disposal if hauled offsite:

 Plug Back PBD

Operator Name Allen Drilling Company

 Commingled Docket No.

Lease Name Mansel License No. 5418

 Dual Completion Docket No.

SE Quarter Sec. 31 Twp. 23S Rng. 13 W

 Other (SWD or Inj) Docket No.

8/6/92 8/14/92 9/14/92
Spud Date Date Reached TD Completion Date

County Stafford Docket No. D-24,666

RECEIVED
STATE CORPORATION COMMISSION
10-9-92

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado
Dorcy Building, Wichita, Kansas 67202, within 120 days of the spud date of completion, 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 submitted 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 [Signature]

Title Vice President Date 10-06-92

Subscribed and sworn to before me this 6th day of October

19 92
Notary Public Cynthia L. Woolery 1-17-94

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC SWD/Rep HSPA

PI

Operator Name Allen Drilling Company Lease Name Fisher Well # 1-18

Sec: 18 Twp. 25S Rge. 13 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 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: Comp. SSD, Comp. Neutron DIL, FEL, ACBL

Log Formation (Top), Depth and Datum Sample Name Top Datum
 See Attached

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	24	433	40/60 poz mix	240	2% gel 3% CaCl
Production	7-7/8	5-1/2	15.5	4363	40/60 poz mix	160	2% gel, 18% NaCl 1/4# Flocele, 6# gilsonite 5% Halad 322, 5% gasstop

ADDITIONAL CEMENTING/SQUEEZE RECORD N/A

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
1	4210', 4216', 4225-4242'	1500 gal 15% DSFE	4210-4242'
	CIBP @ 4200' w/2 sx cement		
1	4063', 4065', 4067', 4074', 4076', 4078', 4079', 4082', 4086', 4089', 4094', 4097', 4125', 4127'	750 gal 15% DSFE, Frac w/30000 gal & 415 sx	4063- 4127'

TUBING RECORD

Size <u>2-3/8</u>	Set At <u>4053</u>	Packer At <u>NONE</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 9-14-92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Sbls.	Gas	Mcf	Water	Sbls.	Gas-Oil Ratio	Gravity
		5.48		70		90.48	N/A	36.77

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

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Cemented Other (Specify)

Production Interval 4063 - 4127'
Mississippi

DRILL STEM TESTS

ORIGINAL
ORIGINAL

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	3749 - 3791 Lous D-F	20 - 62 30	1246 30	41 - 62 45	1236 45	1817 - 1817	60' M(15% W, 85% M) trace oil, 60' MW (60% W, 40% M) weak blow 22,000 ppm
2	4048 - 4084 Cong-Miss		MISRUN (hit bridge @ 3600')				IF GTS 17 min. 20 min. 73,100 CFGPD 40 min. 31,900 CFGPD
3	4048 - 4084 Cong-Miss	41 - 31 45	1184 60	41 - 41 60	1070 90	2056 - 2045	FF 5 min. 82,000 CFGPD Stab 35 min. 31600 CFGPD 80' M (3%G, 97%M) show of oil, BHP 115°
4	4084 - 3104 Miss	31 - 31 45	239 45	31 - 31 60	458 60	245 - 2025	IF weak bldg to strong 25", FF strong blow 320' GIP 45' HOCM (4%G, 14%O, 82%M) BHT 117°

#1-18 FISHER
STRATIGRAPHIC SUBJECT WELL

MARKERS	SAMPLE	F. LOG	DATUM
Anhydrite	840	833	+1130
Base Anhyd.	858	852	+1111
Admire	2678	2675	-712
Wabaunsee	2760	2757	-794
Tarkio	2892	2889	-926
Elmont	2948	2945	-982
Howard	3102	3100	-1137
Topeka	3191	3189	-1226
King Hill	3312	3310	-1347
Queen Hill	3402	3408	-1445
Heebner	3521	3521	-1558
Toronto	3540	3543	-1580
Douglas Sh.	3560	3561	-1598
Brown Lime	3678	3678	-1715
Lansing	3707	3708	-1745
'H' Zone	3842	3843	-1880
Stark Sh.	3916	3912	-1949
Base KC	3996	3994	-2031
Mississippi	4073	4074	-2111
Kinderhook Sh.	4103	4119	-2156
Viola	4193	4194	-2231
Simpson Sh.	4254	4258	-2295
Arbuckle	4309	4312	-2349

DISTRICT PAH K DATE 8-7-92

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

WELL NO. 1-18 LEASE FISHCO? SEC. 18 TWP. 25 RANGE 13W
FIELD STACCO COUNTY KS 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	<u>N</u>	<u>24</u>	<u>8 7/8</u>	<u>123</u>	<u>433</u>	
LINER						
TUBING						
OPEN HOLE				<u>433</u>	<u>40</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____
TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
Set (433) 8 7/8 1225 SKS 44/60/102 2460
37500
AUG 24 1992

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
- 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. 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 attorneys 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.
 - 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, expense, 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. The term "well owner" shall include working and royalty interest owners.
 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.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or 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, manufacture, 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.
 - 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. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
 - 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. 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 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.
 - 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. 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 case of equipment, tools or instruments for landing 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 the landing unit returned to the landing, unless such loss or damage is caused by 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 DIVISION
Mike Kern Wichita, Kansas
SIGNED _____ DATE 8-7-92 TIME 1:30 A.M. P.M.
CUSTOMER

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.

CUSTOMER

JOB LOG

ORIGINAL

WELL NO.

1-10 LEASE FISHER

TICKET NO.

253776

CUSTOMER

Allen Delc

PAGE NO.

JOB TYPE

8 3/4

DATE

8-7-92

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2330							Called out
	2330							on hole
	2345							BREAK CIRC
	2347	8	-			400		START MIXING Cmt
	2353	5	50.89			200		FINISH MIXING Cmt
	2354		-					RELEASE PLUG
	2355	8	-			100		START DISP
	2359	4	26.77			350		PLUG DOWN
	2357							CIRC'D (GWD) Cmt to At
	2359							CLOSE IN
	2440							Job Complete

THANK YOU
TAMIE
BILL
DANNEY

RECEIVED
STATE COMMISSION
OCT 19 1992
CONSERVATION DIVISION
Wichita, Kansas

FRANKS

BILLED ON TICKET NO. 253796

ORIGINAL

WELL DATA

FIELD: _____ SEC. 18 TWP. 25 RNG. 13W 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	U	24	8 7/8	R13	433	
LINER						
TUBING						
OPEN HOLE				433	470	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG	1	Howco
HEAD		
PACKER		
OTHER		

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 8-6	DATE 8-7	DATE 8-7	DATE 8-7
TIME 2330	TIME 0130	TIME 345	TIME 0440

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
24221 WICKLIFF	59603 P/A	25555
132663 MAUSER	4410 2CM	
136633 ENG	3734 BULK	

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 _____ IN

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT: CMT

DESCRIPTION OF JOB: SET 433 8 7/8

JOB DONE THRU: TUBING CASING ANNULUS TBO/ANN

CUSTOMER REPRESENTATIVE: X Mike Kern

HALLIBURTON OPERATOR: G. M. ... COPIES REQUESTED: _____

CEMENT DATA

STAGE	NUMBER OF BAGS	CEMENT	BRAND	BULK BACKED	ADDITIVES	YIELD CU FT./BK.	MIXED LBS/GAL.
	225	102	41000	D	310CC	1.27	14.15

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN INSTANT _____ 0-MIN _____ 15-MIN _____

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET: 15 REASON: ROQ

SUMMARY

PRESLUSH: BBL-GAL _____ TYPE _____

LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____

TREATMENT: BBL-GAL _____ DISPL: BBL-GAL _____

CEMENT SLURRY: BBL-GAL _____

TOTAL VOLUME: BBL-GAL _____

REMARKS: _____

OCT 19 1992

CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER: 1115-1016-6
 LEASE: 55118
 WELL NO.: 1-18
 JOB TYPE: 6/8/3



HALLIBURTON SERVICES

BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND TICKET NO.

253796

A Division of Halliburton Company

DATE 8-6-92	CUSTOMER ORDER NO.	WELL NO. AND FARM Fisher 1-18	COUNTY Stafford	STATE Ks.
CHARGE TO Allen Drilling Company		OWNER Allen Drig. Co.	CONTRACTOR Co Tools	No. B 118354
MAILING ADDRESS		DELIVERED FROM Pratt, Ks.	LOCATION CODE 25555	PREPARED BY S.C. Henry
CITY & STATE		DELIVERED TO Location	TRUCK NO. 3734-5621	RECEIVED BY <i>Jm</i>

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			Standard Cement	135	sk			6.06	818.10	
506-105	516.00286			Pozmix A	90	sk	6660	lb.	.048	319.68	
506-121	516.00259			Halliburton Gel 2% W/225	4	sk				NC	
509-406	890.50812			Calcium Chloride 3% W/225	6	sk			26.50	159.00	
					Returned Mileage Charge	TOTAL WEIGHT		LOADED MILES	TON MILES		
					SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET			
500-207				SERVICE CHARGE			CU. FEET 237		1.15	272.55	
500-306				Mileage Charge	20.217	TOTAL WEIGHT	15	LOADED MILES	151.64	TON MILES	
No. B 118354					CARRY FORWARD TO INVOICE				SUB-TOTAL		1690.64

THIS IS NOT AN INVOICE

Wichita Kansas

ORIGINAL



HALLIBURTON SERVICES

REMIT TO:

P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

INVOICE NO.	DATE
253796	08/07/1992

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
FISHER 1-18	STAFFORD	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
PRATT	CO TOOLS	CEMENT SURFACE CASING	08/07/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
013278	MIKE KERN		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	38050

DIRECT CORRESPONDENCE TO:

ALLEN DRILLING CO
BOX 1389
GREAT BEND, KS 67530

FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REFERENCE	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	15	MI	2.60	39.00
001-016	CEMENTING CASING	433	FT	515.00	515.00
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8.625	IN	90.00	90.00
504-308	STANDARD CEMENT	135	SK	6.06	818.10
506-105	POZMIX A	6660	LB	.048	319.68
506-121	HALLIBURTON-GEL 2X	4	LB	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	26.50	159.00
500-207	BULK SERVICE CHARGE	237	CFT	1.15	272.55
500-306	MILEAGE CMTG MAT DEL OR RETURN	151.64	TMI	.80	121.31
INVOICE SUBTOTAL					2,334.64
DISCOUNT-(BID)					468.48
INVOICE BID AMOUNT					1,866.16
*-KANSAS STATE SALES TAX					63.63
*-PRATT COUNTY SALES TAX					12.98
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					2,342.27

RECEIVED
OCT 19 1992
DIVISION

8-17-92

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

ORIGINAL WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 253627

FORM 1908 R-7 A Division of Halliburton Company

DISTRICT PRATT, KS DATE 8-15-92

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO: ALLEN DRILLING CO (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1-18 LEASE FISHER SEC 18 TWP. 25S RANGE 13W

FIELD COUNTY STAFFORD 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 4360' MUD WEIGHT 9.2 BORE HOLE 7 7/8 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. Rows include CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED

Cement 5/8 production GSG/lead cement/pumps 4 1/2" 181 SALT, 1/4" PROCELE 6" SILSOWITE, .57 MUD-322 1" Tail End cement/100 SKS 4 1/2" 181 SALT, 1/4" PROCELE, 167 MUD-322 .57 GAS STOP

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

- 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.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or 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, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect.

- 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.

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

SIGNED DATE TIME 8-15-92 1:00 P.M. CUSTOMER

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.

CUSTOMER

JOB LOG

WELL NO. 1-11 LEASE F. 1100 TICKET NO. 253827

CUSTOMER ALLEN DRIC PAGE NO. 1

FORM 2013 R-2

JOB TYPE 5 1/2 LONG STRING DATE 8-15-72

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1700							JOB READY
	0630							CALLED OUT FOR JOB
	0745							PUMP TRUCK ON LOCATION BE LAYING DOWN DOWN PIPE SET UP PUMP TRUCK
	1130							OUT OF HOLE WITH D.P START RUNNING 5' CSG WITH EQUIP CASING TO BOTTOM HOOK UP ROTATING HEAD & CONNECTION IRON
	1425							START CIRCULATING WITH PIG PUMP
	1455							FINISH CIRCULATING
	1505	8.0	200			20		HOOK UP TO PUMP TRUCK
		8.0	5.0			200'		PUMP 20 BBL SALT FLUID
						300'		PUMP 5 BBL FRESH WATER SPACER
	1515							DIRK ELEMENT / PLUG P.H WITH 10 STS HOOK BACK UP TO 5' CSG
	1515	7.0				950'		START MIXING GEL THROUGH MIXING GEL SHUT DOWN
		10.0						RELEASE PLUG
						250'		START DISPLACING MOVE TO BBL IN CASING TORQUE UP SHUT DOWN ROTATION FINISH DISPLACING
	1530		102			1500'		PLUG DOWN RELEASE FLOAT FLOAT UP

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STATE COMMISSION

OCT 19 1972

CONSERVATION DIVISION
Wichita, Kansas

WELL DATA

FIELD _____ SEC. 18 TWP. 25S RNG. 13E COUNTY TARRANT STATE KS

FORMATION NAME 19-151pp1 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 4360

JOB DATA

CALLED OUT <u>7:15 '72</u> DATE TIME <u>0630</u>	ON LOCATION <u>8:15 '72</u> DATE TIME <u>0745</u>	JOB STARTED <u>8:15 '72</u> DATE TIME <u>1500</u>	JOB COMPLETED <u>8:15 '72</u> DATE TIME <u>1530</u>
---	--	--	--

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>RFD 5/8</u>	<u>1</u>	<u>MICO</u>
CENTRALIZERS <u>S-4</u>	<u>1</u>	<u>"</u>
BOTTOM PLUG		
TOP PLUG <u>35 W</u>	<u>1</u>	<u>"</u>
HEAD <u>ROTARY</u>	<u>1</u>	<u>"</u>
PACKER		
OTHER <u>AIF</u>	<u>1</u>	<u>"</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. WOODSON 62573</u>	<u>37537</u>	<u>DEATH KS</u>
<u>R. MURPHY</u>	<u>4410</u>	<u>"</u>
<u>C. PARKER</u>	<u>21808</u>	<u>"</u>
	<u>34410K</u>	<u>"</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. _____ IN

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

DEPARTMENT CEMENT

DESCRIPTION OF JOB CEMENT 2 1/2" PRODUCTION 536

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X [Signature]

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>70</u>	<u>40/60 po2</u>	<u>MICO</u>	<u>B</u>	<u>2.0 GAL 141 SAID 1/4 PROPER, 1/4 SAID 51 MUD-322</u>	<u>143</u>	<u>190</u>
	<u>100</u>	<u>40/60 po2</u>	<u>"</u>	<u>B</u>	<u>1.0 GAL 141 SAID 1/4 PROPER 10 GAL SAID 1/4 168 MUD-322</u>	<u>152</u>	<u>137</u>

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 103

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL-GAL 44.2

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

TREATING _____ DISPL _____ OVERALL _____ REMARKS _____

FEET 40 REASON INSERT NCA

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OCT 19 1992
CONSERVATION DIVISION
Wichita, Kansas



TICKET

NO. 253827-2

HALLIBURTON SERVICES

Duncan, Oklahoma 73536

A Division of Halliburton Company

ORIGINAL

PAGE 1 OF PAGES

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME 118 FISHER		COUNTY STAFFORD	STATE KS	CITY / OFFSHORE LOCATION	DATE 8-15-72
CHARGE TO ALLEN DRILLING		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 CO TOOLS	1 LOCATION 1 PMT. KS		CODE 25355
CITY, STATE, ZIP		SHIPPED VIA 4470	2 LOCATION 2		CODE
WELL TYPE 02 GAS		WELL CATEGORY 01 DEVELOPMENT	3 LOCATION 3		CODE
TYPE AND PURPOSE OF JOB 035 5 1/2 LOG STRING		WELL PERMIT NO. B-118374	DELIVERED TO LOCATION		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 15% 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.	LOC	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
000-117		1		MILEAGE	15	MI			2.60	159	00
001-016		1		PUMP CHARGE	4365	FT			4300.00	1300	00
030-016		1		5" W TOP PLUG	1	EA	5 1/2	IN	50.00	50	00
12A	235-203	1		REG GUIDE SHOE	1	EA	5 1/2	IN	105.00	105	00
24A	275-17251	1		INSERT FLOAT	1	EA	5 1/2	IN	83.00	83	00
27	815-19315	1		Fill up Assy	1	EA	1.50	IN	30.00	30	00
40	207-93022	1		5-4 COMM 1200	7	EA	5 1/2	IN	44.00	396	00
015-550				ENTRUSTING							

THIS IS NOT AN INVOICE

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-118374**

WAS JOB SATISFACTORILY COMPLETED? **YES**
 WAS OPERATION OF EQUIPMENT SATISFACTORY?
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY?
 X **Cliff Amicus**
 CUSTOMER OR HIS AGENT (PLEASE PRINT)
 X
 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.

HALLIBURTON OPERATOR
 HALLIBURTON APPROVAL

CUSTOMER

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 OCT 19 1972
 SUBSIDIARY TOTALS
 DIVISION
 KANSAS
 APPLICABLE TAXES WILL BE ADDED ON INVOICE

