

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- 007-227394-0000

County Barber

-NE- NW- SE Sec. 11 Twp. 34 Rge. 12 X E
W

2310' ✓ Feet from (S)W (circle one) Line of Section
1650' ✓ 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 KEESECKER ✓ Well # 1-11

Field Name Groendycke

Producing Formation D & A

Elevation: Ground 1487' KB 1492'

Total Depth 5100 PBTB --

Amount of Surface Pipe Set and Cemented at 221 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set ----- Feet

If Alternate II completion, cement circulated from N/A

_____ Depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan A I-I DYA
(_____ must be collected from the Reserve Pit)

Chloride content 12000 ppm Fluid volume 1800 bbls

Deaerating method used Evaporation

Location of fluid disposal if hauled offsite: N/A

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 5418

Name: ALLEN DRILLING COMPANY

Address 6565 S. Dayton, Suite 3800
Englewood, CO 80111

City/State/Zip _____

Purchaser: D & A

Operator Contact Person: Doug Hoisington

Phone (303) 799-6660

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: Jeffrey R. Zoller

Designate Type of Completion
X New Well Re-Entry Workover

Oil SWD SIGW
Gas ENHR SIGW
X Dry Other (Core, MSW, Expl., Cathodic, etc.)

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

Operator: N/A

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.

2/11/92 2/20/92 2/21/92
Spud Date Date Reached TD Completion Date

RECEIVED
STATE CORPORATION COMMISSION
MARCH 12 1992
3-12-92
CONSERVATION DIVISION
Wichita, Kansas

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby 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. 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 3/10/92

Subscribed and sworn to before me this 10th day of March, 1992.

Notary Public [Signature]
Cynthia L. Woolery
Date Commission Expires January 17, 1994

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

✓ KCC SWD/Rep NGPA
KGS Plug Other
(Specify)

Operator Name ALLEN DRILLING COMPANY Lease Name KEESECKER Well # 1-11

Sec. 11 Twp. 34S Rge. 12 East West
 County Barber

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:

DIL
 FDC/CNL
 FEL

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#	221'	60/40poz	140	2%gel 3%cc

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 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, Resumed Production, SWD or In]. Producing Method Flowing Pumping Gas Lift 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 Perf. Dually Comp. Commingled Other (Specify) Dry & Abandoned Production Interval _____

MARKERS	SAMPLE	E. LOG	DATUM
Pennsylvanian			
Lecompton	3518	3516	-2024
Kanwaka Sh.	3542	3541	-2049
Elgin S.S.	3592	3591	-2099
Oread	3728	3728	-2236
Heebner	3765	3765	-2273
Toronto	3787	3788	-2296
Douglas Sh.	3798	3796	-2304
Lansing	3951	3951	-2459
K. C.	4261	4259	-2767
Stark Sh.	4428	4428	-2936
Hushpuckney	4457	4458	-2966
BKC	4508	4509	-3017
Cherokee Sh.	4636	4638	-3146
Mississippian			
Miss.	4658	4661	-3169
Dev. - Miss.			
Kinderhook Sh.	4920	4922	-3430
Woodford Sh.	4929	5002	-3510
Ordovician			
Misener	5034	5036	-3544
Viola	5046	5048	-3556
Simpson Sh.	NP	NP	
Simpson S.S.	NP	NP	
Arbuckle	NP	NP	
TD	5100	5102	

ORIGINAL
15-007-22394-0000

RECEIVED
STATE CORPORATION COMMISSION B610

MAR 12 1992
3-12-92
CONSERVATION DIVISION
Wichita, Kansas

DRILL STEM TESTS							
NO	INTERVAL	IFF/TIME	ISIP/TIME	FFF/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	5015 - 5044 Misener	47-23 30	1958 30	23-23 45	1993 45	2526 - 2481	50' SGCM 1st opng, strong blow 2nd opng, gas to surface less than 1 min.
2	S.S.					GAUGED:	98.5 mcf/gpd - 10 min. 55.6 mcf/gpd - 20 min. 47.7 mcf/gpd - 30 min. 36.5 mcf/gpd - 45 min.



15-007-22394-0000
WORK ORDER CONTRACT

ORIGINAL

FORM 1808 R-7 A Division of Halliburton Company AND PRE-TREATMENT DATA ATTACH TO INVOICE & TICKET NO. 055286

DISTRICT Pittsboro DATE 4-12-92

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. 1-11 LEASE KEESECKER SEC. 11 TWP. 345 RANGE 12W
FIELD _____ COUNTY Willard 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 12 1/4 - 2 3/4
INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>N</u>	<u>20</u>	<u>5 7/8</u>	<u>15</u>	<u>221</u>	
LINER						
TUBING						
OPEN HOLE				<u>221'</u>	<u>1000'</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

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

Concrete 2 3/4 O.C. 4 1/2 5 1/2 4 1/2 2 3/4 6 1/2 5 1/2

RECEIVED
STATE CORPORATION COMMISSION
3-12-92
MAR 12 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
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Services 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.
 - 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 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.
 - 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.
 - 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.
 - 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 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.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT
SIGNED Mike Kern CUSTOMER
DATE 2-12-92
TIME _____ A.M. P.M.

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

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0230							Called out ready now
	0430							on hoc - set up - by cutting hole
	0545							Make mud - circulate -
	0615							Finish circulation -
	0630							Start drill pipe out of hole
	0700							Drill pipe out
								Rig up to run 3 1/8 CSB
	0712							Start casing in hole
	0705							Casing in hole
								Hook to rig used pump
								BREAK circulation
								Finish circulation
								Hook to Howco
								Cement as follows:
	0817	3.0	3.0	✓	✓		100	Pump fresh hzo spacer
	0823	6.5	0	✓	✓		200	Start mixing cement
	0829	6.6	31.6	✓	✓		300	Finish mixing cement
								RELEASE Plug
	0831	4.0	0	✓	✓		100	Start displacement
	0834	4.0	11.9	✓	✓		200	Plug Down -
	0905							Job Complete

Thank you
Call again
Doug

RECEIVED TO JET CELLAR TO END GOOD CEMENT
STATE CORPORATION COMMISSION

MAR 12 1992

CONSERVATION DIVISION
Wichita, Kansas



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

ORIGINAL
BILLED ON TICKET NO.

WELL DATA

FIELD _____ SEC. 11 TWP. 31 RNG. 19 COUNTY B. H. Co. 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 1400

	NEW USED	WEIGHT	SIZE	FR	TO	MAXIMUM PSI ALLOWABLE
CASING		20	2 3/4	19	221	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>2-12</u>	DATE <u>2-12</u>	DATE <u>2-12</u>	DATE <u>2-12</u>
TIME <u>12:00</u>	TIME <u>08:20</u>	TIME <u>08:17</u>	TIME <u>09:05</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG (1")	<u>1</u>	<u>Horn</u>
HEAD	<u>1</u>	<u>"</u>
PACKER	<u>1</u>	<u>"</u>
OTHER	<u>1</u>	<u>"</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>D. Simpson</u>	<u>1641</u>	<u>Burg.</u>
<u>C. ...</u>	<u>1641</u>	<u>(A) Burg.</u>
<u>A. ...</u>	<u>7188</u>	<u>"</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-API _____

DISPL. FLUID _____ DENISTY _____ LB/GAL-API _____

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. _____

PERFFAC BALLS TYPE _____ QTY. _____

OTHER _____

DEPARTMENT _____

DESCRIPTION OF JOB Gravel & ...

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Mike Kern

HALLIBURTON OPERATIONS _____ COPIES REQUESTED _____

RECEIVED
CEMENT CORPORATION COMMISSION

MAR 12 1992

CONSERVATION DIVISION
Wichita, Kans.

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>11</u>	<u>11</u>	<u>Horn</u>	<u>B</u>	<u>1.27</u>	<u>14.31</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. 119

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL-GAL. 216

TOTAL VOLUME: BBL-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____ CEMENT LEFT IN PIPE _____

FEET 412 REASON 37.5% ...

REMARKS

See ...
Thanks
1992

CUSTOMER _____ LEASE _____ WELL NO. _____ JOB TYPE _____ DATE _____



TICKET
ORIGINAL NO. 055286-0

FORM 1908 R-11

WELL NO. - FARM OR LEASE NAME 1-11 KEESEEKER		COUNTY Baker	STATE KS	CITY / OFFSHORE LOCATION	DATE 2-12-92
CHARGE TO ALLEN DRILLING Co.		OWNER S. Jones	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. 7 wells	LOCATION 1 Bart KS		CODE 25555
CITY, STATE, ZIP		SHIPPED VIA 3-2-5000	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		LOCATION 2
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO.	DELIVERED TO 1		LOCATION 3
TYPE AND PURPOSE OF JOB O/O		B- 115308	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			
000-477				MILEAGE	14	MILES	1	TRK	2.62	36	40
001-016				Drill MILEAGE	221	FT	8	MKS		475	00
030-503				Top Plug CP	1	EA	5/8	IN		90	00
320	800-5888P			Cement Bucket	1	EA	"	"		122	00
597	825-1269			BATTLE WARE	1	EA	"	"		45	00

NOT THIS IS AN INVOICE

RECEIVED
STATE CORPORATION COMMISSION
MAR 12 1992
CONSERVATION DIVISION
Wichita, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B- 115308

980 41

WAS JOB SATISFACTORILY COMPLETED?
 WAS OPERATION OF EQUIPMENT SATISFACTORY?
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY?
 CUSTOMER OR HIS AGENT (PLEASE PRINT)
 Mike Kern
 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.

Sperry Taylor
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

CUSTOMER

SUB TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE.



**BULK MATERIALS DELIVERY
AND
TICKET CONTINUATION**

ORIGINAL
FOR INVOICE AND
TICKET NO. 055286

DATE 2-12-92	CUSTOMER ORDR. NO.	WELL NO. AND FARM Keesseeker 1-11	COUNTY Barber	STATE Ks.
CHARGE TO Allen Drilling Company		OWNER Same	CONTRACTOR Co Tools	No. B 115308
MAILING ADDRESS		DELIVERED FROM Pratt, Ks.	LOCATION CODE 25555	PREPARED BY J.M. Sheets
CITY & STATE		DELIVERED TO Location	TRUCK NO. 7488	RECEIVED BY Bigler

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
				140 40% Pozmix 60% Cement 2% Gel							
504-308	516.00261	1	b	Standard Cement	84	sk			5.35	449.40	
506-105	516.00286	1	b	Pozmix A	56	sk			3.29	184.24	
506-121	516.00259	1	b	Halliburton Gel 2% allowed	2	sk				NC	
509-406	* (112)120 890.50812	1	b	Calcium Chloride 3% W/140	4	sk			26.50	106.00	
<p>THIS IS NOT AN INVOICE</p> <p>RECEIVED STATE CORPORATION COMMISSION MAR. 12 1992 CONSERVATION DIVISION Wichita, Kansas</p>											
		Returned Mileage Charge	TOTAL WEIGHT		LOADED MILES		TON MILES				
		SERVICE CHARGE ON MATERIALS RETURNED							CU. FEET		
500-207		1	b	SERVICE CHARGE			CU. FEET 148		1.15	170.20	
500-306		1	b	Mileage Charge	12,601	14	88.21	TON MILES	.80	70.57	
No. B 115308		CARRY FORWARD TO INVOICE							SUB-TOTAL		980.41

CUSTOMER

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

ORIGINAL

ATTACH TO INVOICE & TICKET NO. 055321

FORM 1908 R-7

DISTRICT PPAT 1

DATE 2-20-72

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 (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1-11 LEASE KELSENER SEC. 11 TWP. 34 S RANGE 12 W
 FIELD _____ COUNTY BARBER STATE KS OWNED BY _____

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
 THICKNESS _____ FROM _____ TO _____
 PACKER: TYPE _____ SET AT _____
 TOTAL DEPTH 5100 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>11</u>	<u>23'</u>	<u>3 1/2"</u>	<u>FD</u>	<u>620</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____
PLUG TO 4814200 WITH 175 #S 40/60 PSI 6.8 GPC
(PLUGGING NOTED ON JOB LOG)

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, 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. 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 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.
- 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 Richard Stawson CUSTOMER

DATE _____

TIME _____ A.M. P.M.

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

HALLIBURTON SERVICES
JOB LOG

WELL NO. 1-11 LEASE KFF S.I. EX-10 ORIGINAL
 TICKET NO. 055321
 CUSTOMER ALLEN DRUG PAGE NO. 1
 JOB TYPE PLUG TO ARANDOLL DATE 2-20-92

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2100							JOB READY
	1930							CALLED JOE FOR JOB
	2130							PUMP TRUCK & BULK TRUCK ON LOCATION
								RIG WINDING DOWN DRILL PIPE
								SET UP PUMP TRUCK
	2330							DRILL PIPE LAYED DOWN
	2400							RUN BACK IN WITH 10 STDS 600'
								OF DRILL PIPE
								HOIST UP TO D.P
	2424	5'	13.6					SPOT A 50 ST PLUG AT 600'
								PULL D.P TO 250'
	2448							SPOT A 45 ST PLUG AT 250'
								LAY DOWN REST OF D.P
	0100							MIX 10 SKS FOR 40" TOP PLUG
								MIX 15 SKS FOR P.M.

RECEIVED
 STATE CORPORATION COMMISSION
 MAR 12 1992
 CONSERVATION DIVISION
 WICHITA, KAN.



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

1-20-92
PPAT KS ORIGINAL
ENTERED ON TICKET NO. 055321

WELL DATA

FIELD _____ SEC 11 TWP. 34 RNG. 12 COUNTY BADGER 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 5100

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>11</u>	<u>23</u>	<u>5 7/8</u>	<u>KB</u>	<u>600</u>	
LINER						
TUBING						
OPEN HOLE						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		
HEAD		
PACKER		
OTHER		

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
<u>7-20-92</u>	<u>7-20-92</u>	<u>2-20-92</u>	<u>7-21-92</u>
DATE	DATE	DATE	DATE
TIME <u>1930</u>	TIME <u>2130</u>	TIME	TIME <u>0100</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Woodrow 62578</u>	<u>RVU 37537</u>	<u>PPAT KS</u>
<u>K. DUTON 86660</u>	<u>50170 RCM</u>	
<u>J. ARNOLD</u>	<u>50809 Bulk 1100</u>	

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 CEMENT

DESCRIPTION OF JOB PLUG TO ABANDON

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Richard Stevenson

HALLIBURTON OPERATOR J. Woodrow COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIONS	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>125</u>	<u>47/62 p22</u>	<u>10000</u>	<u>B</u>	<u>6.8 G/G</u>	<u>153</u>	<u>130</u>

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STATE CORPORATION COMMISSION
MAR 12 1992
CONSERVATION DIVISION
Wichita, Kans.

PRESSURES IN PSI

SUMMARY

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 _____ REASON _____

PRESLUSH: BBL.-GAL. _____ TYPE _____

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

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

CEMENT SLURRY: BBL.-GAL. 340

TOTAL VOLUME: BBL.-GAL. _____

REMARKS _____

CUSTOMER: ALLEN DRILLING
LEASE: FESSLER
WELL NO: 1-11
JOB TYPE: P11
DATE: 7-21-92

