

ORIGINAL

SIDE ONE

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

API NO. 15- 009-24,456-0000

County Barton

App. NE NE SE Sec. 7 Twp. 20 Rge. 15 East West

2260' Ft. North from Southeast Corner of Section

330' Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

Lease Name L. DECKERT "A" Well # 1-7

Field Name Pawnee Rock

Producing Formation D & A

Elevation: Ground 2039 KB 2044

Total Depth 3900 RTD PBD --

Operator: License # 5418

Name: ALLEN DRILLING COMPANY

Address 7950 E. Prentice, Ste 100
Englewood, CO 80111

City/State/Zip

Purchaser: NONE

Operator Contact Person: Doug Hoisington

Phone (303) 796-7350

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: Jeffrey R. Zolner

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Add.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWD: old well info as follows:

Operator: N/A

Well Name: -----

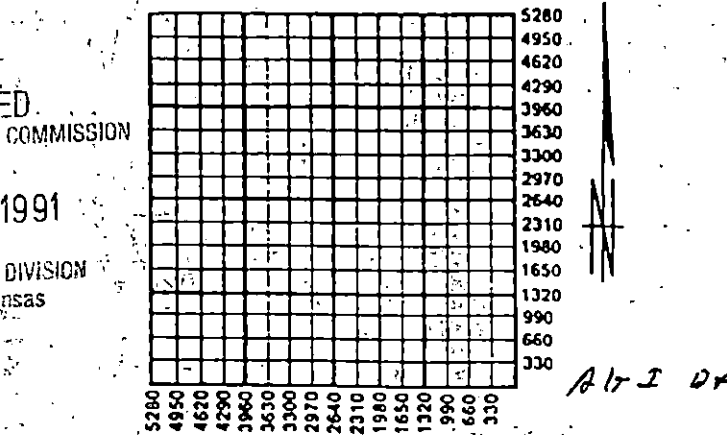
Comp. Date ----- Old Total Depth -----

Drilling Method:

Mud Rotary Air Rotary Cable

2/07/91 2/14/91 2/15/91

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 1063 Feet

Multiple Stage Cementing Collar Used? Yes No

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

If Alternate II completion, cement circulated from N/A

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: [Signature]

Title: Vice President Date: 3-6-91

Subscribed and sworn to before me this 6th day of March 1991

Notary Public: Cynthia L. Woolery

Date Commission Expires: 1-17-94

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SMD/Rep NGPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name ALLEN DRILLING COMPANY Lease Name L. DECKERT "A" Well # 1-7
 Sec. 7 Twp. 20 Rge. 15 East West
 County Barton

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.)

Formation Description
 Log Sample
 Name Top Bottom
 "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"	23#	1063'	60/40 Poz	375	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

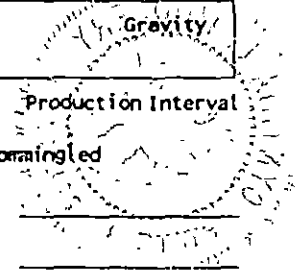
TUBING RECORD Size Set At Packer At Liner Run Yes No

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

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

METHOD OF COMPLETION
 Open Hole Perforation Dually Completed Coning
 Other (Specify) Dry & Abandoned



ORIGINAL

15.009.24456.0000

DRILL STEM TESTS							
NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	3660 -	176 -	424	199 -	424	2015 -	465' MW, GTS in 4 min 1st opng, gauged 184 mcf/gpd - 5 min 156 mcf/gpd - 15 min 2nd opng - 121 mcf/gpd - 15 min 98.5 mcf/gpd - 30 min
	3740 ARB	164 15	30	235 30	45	1981	
2	3740 -	35 -	424	58 -	412	2049 -	1910' GIP, 65' OCM (27%G, 43%O, 30%W) 60' OCM (48%G, 32%O, 13%M, 7%W) 10' W strong blow thru test
	3760 ARB	35 15	30	70 34	45	2049	
3	3760 -	47 -	825	82 -	730	2015 -	60' SO&GCM (25%G, 35%O, 72%M) 60' G&MCO (24%G, 43%O, 6%W, 27%M) 60' SM&WCGO (30%G, 40%O, 15%W, 15%M) 60' SO&GCMW (13%G, 32%O, 50%W, 34%M) strong blow, GTS in 40 min on 2nd opn TSLM
	3788 ARB	58 30	45	117 60	60	2015	
4	3788 -	23 -	NA	47 -	1059	2004 -	480' GIP 115' VSOCMW weak bldg to strong blow thru test
	3800 ARB	35 30	45	58 60	60	2004	

RECEIVED
STATE CORPORATION COMMISSION

MAR 11 1991

CONSERVATION DIVISION
Wichita, Kansas

STRATIGRAPHIC

MARKERS	SAMPLE	E. LOG	DATUM
Anhydrite	1053	1053	+991
Base Anhyd	1078	1078	+966
Howard	3016	3014	-970
Topeka	3094	3091	-1047
King Hill	3188	3184	-1140
Queen Hill	3256	3252	-1208
Heebner	3352	3348	-1304
Toronto	3371	3365	-1321
Douglas Shale	3380	3376	-1332
Brown Lime	3435	3432	-1388
Lansing	3445	3442	-1398
G Ø	3519	3516	-1472
Base KC	3670	3668	-1624
Arbuckle	3714	3708	-1664
TD	3900	3898	-1854

DISTRICT 6 H B W O K S ORIGINAL

DATE 2-8-91

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

WELL NO. 17 LEASE L. Decker A SEC 7 TWP. 20 RANGE 15
FIELD _____ COUNTY Barton 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. ALL P.S.I.
CASING	<u>N</u>	<u>23</u>	<u>8 7/8</u>	<u>K13</u>	<u>1063</u>	
LINER						
TUBING	<u>RECEIVED</u>					
OPEN HOLE				<u>1063</u>	<u>65</u>	SHOTS
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____
Set 1063' 8 7/8" w/ 375 SKS 40/60 102 270 Gal 370 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
- 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 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 a 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 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 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. "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 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 Ha 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 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 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 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 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 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 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 OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy 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 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 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, 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 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, 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, 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 _____ DATE 2-8-91 CUSTOMER

TIME 6:45 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

WELL NO. 1-7 LEASE L. Decker A TICKET NO. 092144

CUSTOMER ALLEN DRILL CO PAGE NO.

FORM 2013 R-2 ORIGINAL JOB TYPE 6985 15-009-24456-0000 DATE 2-8-91

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2200							CALL OUT 2-7
	2330							ON INC 2-7
	0105							START CSG
	0645							BREAK CIRC
	0701	6	-			250		START MILING 84.15
	0714	6	84.15			300		FINISH MILING
	0715							RELEASE PLUG
	0716	7	-			250		START 6752/661 DRIF
	0725		15167			250		PLUG DOWN
	0726					500		CLOSE IN
	0726							CIRC'D 22 SKS to P.
	0810							Job Complete
								THANK YOU
								JAIME SHAW

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MAR 11 1991

CONSERVATION DIVISION Wichita, Kansas

ORIGINAL

WELL DATA TWP. 20 RING 15 COUNTY Barton STATE KS

FIELD _____ SEC _____ TWP. _____ RING _____ COUNTY _____ STATE _____

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	1	23	8 7/8	KB	1063	
LINER						
TUBING						
OPEN HOLE				1065	65	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
2-7	2-7	2-8	2-8
TIME 2200	TIME 2330	TIME	TIME

TOOLS AND ACCESSORIES

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

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
M221 AVIATION	29 2-40	25520
29501 CUST. VICE	JWIN	"
	2971	"
	Bulk	"

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CONSERVATION DIVISION
Wichita Kansas

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-API

DISPL. FLUID _____ DENSITY _____ 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. _____ IN.

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT Unit

DESCRIPTION OF JOB _____

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.
	39.5	102	40/60	B	270 gal 376.22	1.26	14.15

PRESSURES IN PSI _____

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 ROQ

SUMMARY

PRESLUSH: BBL-GAL _____ TYPE _____

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

TREATMENT BBL-GAL _____ DISPL: BBL-GAL 6752

CEMENT SLURRY: BBL-GAL 8415

TOTAL VOLUME: BBL-GAL _____

REMARKS _____



BULK MATERIALS DELIVERY

15:009-24456-0000

HALLIBURTON SERVICES

AND

FOR INVOICE AND TICKET NO. 09214

ORIGINAL TICKET CONTINUATION

A Division of Halliburton Company

DATE 2-8-91	CUSTOMER ORDER NO.	WELL NO. AND FARM Leslie Deckert A-1-7	COUNTY Barton	STATE Ks.
CHARGE TO Allen Drilling Company		OWNER Allen Drlg. Co.	CONTRACTOR Co Tools	No. B 9177
MAILING ADDRESS		DELIVERED FROM Great Bend, Ks.	LOCATION CODE 25520	PREPARED BY S.C. enry
CITY & STATE		DELIVERED TO Location	TRUCK NO. 0977-6660	RECEIVED BY <i>[Signature]</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
				375 40% Pozmix/60% Cement							
504-308	516.00261	1	B	Standard Cement	225	sk			5.35	1203	
506-105	516.00286	1	B	Pozmix A	150	sk			2.79	41	
506-121	516.00259	1	B	7 Halliburton Gel 2% allowed							
509-406	890.50812	1	B	Calcium Chloride 375/375	10	sk			26.25	262	
<p>RECEIVED</p> <p>STATE CORPORATION COMMISSION</p> <p>MAR 1 1 1991</p> <p>CONSERVATION DIVISION</p> <p>Wichita, Kansas</p>											
500-307		1	B	Surcharge	403.34				.10	40	
				Returned Mileage Charge							
				TOTAL WEIGHT		LOADED MILES		TON MILES			
				SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET			
500-207		1	B	SERVICE CHARGE				CU. FEET 395	1.10	434	
500-306		1	B	Mileage Charge	33.695	24	404.34		.75	303	
				TOTAL WEIGHT		LOADED MILES	TON MILES				
No. B 917763		CARRY FORWARD TO INVOICE						SUB-TOTAL		2662	

THIS IS NOT AN INVOICE

CUSTOMER

ORIGINAL

FORM 1906 R-11

15.009.24456.0000

WELL NO. - FARM OR LEASE NAME 1-7 1 Docket A		COUNTY Bartlesville	STATE OK	CITY / OFFSHORE LOCATION	DATE 2-
CHARGE TO A/B Dole Co		OWNER Same	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NI YES
ADDRESS 7500 E. Pt. Ave. Bartlesville 100		CONTRACTOR G. L. Cook	LOCATION 1 (G + R well)		COD
CITY, STATE, ZIP Bartlesville OK 74601		SHIPPED VIA 74200	FREIGHT CHARGES PPD <input checked="" type="checkbox"/> COLLECT <input type="checkbox"/>	LOCATION 2	COD
WELL TYPE DL	WELL CATEGORY C1	WELL PERMIT NO.	DELIVERED TO L. J. Hilde	LOCATION 3	COD
TYPE AND PURPOSE OF JOB OIL		B- 917763	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 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 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 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 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 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 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 or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AM.
					QTY	MEAS	QTY	MEAS		
000-117				MILEAGE	24	mi.			235	
100-118				Mileage sub chg	24	mi.			410	
110-116				D. well chg	100	ft.			235	
30-177				Sub chg	1	mi.			30	

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CONSERVATION DIVISION
Wichita, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B- 917763

26

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X W. J. Hilde
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X W. J. Hilde
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.

J. G. McCall
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

CUSTOMER

SUB TOTAL

APPLICABLE BE ADDED 0

DISTRICT Pratt, KS DATE 2-15-91

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. 1-7 LEASE Li Deckert SEC 7 TWP 20S RANGE 15
FIELD _____ COUNTY BARBON STATE KS OWNED BY _____

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING				8 5/8	H8	1061	
LINER							
TUBING		u	16.6	4 1/2	0	3620	
OPEN HOLE				2 1/4	1061	3900	SHOTS/FT
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS/VISION _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
Plug to Abandon
2554 @ 3620
2524 @ 1060
100 54 @ 570
1054 @ 40 10 54 in Ratchole

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

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 - 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 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 "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 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 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 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 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 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 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 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, 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, or 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, 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 [Signature] CUSTOMER
DATE 2-15-91

JOB LOG

WELL NO. 1-7

LEASE L. Decker

TICKET NO. 125357

CUSTOMER Allow Drilling Co

PAGE NO. 1

FORM 2013 R-2

JOB TYPE PTA

15-009-24456-0000

DATE 2-15-91

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								On Log - Rig Running D.P.
								D.P. @ 3620'
	0514		29 6.2			250		Break Circ w/ H ₂ O
						250		Mix 255x
	0528		10			300		Displacement - H ₂ O
	0529		38			550		" " Mud
	0533							Pull D.P. to 1060'
	0538							
			3			200		Break Circ w/ H ₂ O
	0930		10.8			200		Mix 255x
			1			200		H ₂ O
			11			200		Mud
	10:20		7			200		Pull D.P. to 590' Break Circ
			27			200		Mix 100 St Cement
			1			200		Displace w/ H ₂ O
	10:50							Pull D.P. to 40'
								Mix 104x
	11:00							Run 1/2 in Rod-logs
								Mix 155x
RECEIVED								
STATE CORPORATION COMMISSION								
MAR 1 1991								
CONSERVATION DIVISION								
Wichita, Kansas								
				Job Complete				
				Thank You				
				Jim Row				

WELL DATA

FIELD: **205** RING: **15W** COUNTY: **BARTON** STATE: **KANSAS**

FORMATION NAME: **ORIGINAL**

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			8 7/8	KB	1061	
LINER						
TUBING		116.6	4 1/2	KBSEE	TOP LOG	
OPEN HOLE			7 1/8	1061	3900	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 2-15	DATE 2-15	DATE 2-15	DATE 2-15
TIME 0200	TIME 0400	TIME 0500	TIME 1100

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
J. RENO	35330 P-U	GREAT BEND, KS
B. MOUSER	3244 COMB	" "
D. DOBRATZ	1540-5621 RUCK	" "

DEPARTMENT: **CEMENT**

DESCRIPTION OF JOB: **Plug to Abandon - SEE Job Log**

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN

CUSTOMER REPRESENTATIVE: **X Craig Christy**

HALLIBURTON OPERATOR: **Jim Kras**

COPIES REQUESTED: _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU FT/SK.	MIXED LBS/GAL
1	175	40/60		B	6% Totalizer	1.53	13.2

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 _____

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

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL-GAL _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS

AVERAGE RATES IN BPM _____

TREATING _____ DISPL _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

25 sy @ 3620
25 sy @ 1060
POST @ 590
10 sy @ 40 15 sy in ROT HOLE



BULK MATERIALS DELIVERY

ORIGINAL

AND TICKET CONTINUATION

FOR INVOICE AND TICKET NO. **125357**

15-009-24456-0000

DATE 2-15-91	CUSTOMER ORDER NO.	WELL NO. AND FARM Leslie Deckert A 1-7	COUNTY Barton	STATE Ks.
CHARGE TO Allen Drilling		OWNER Same	CONTRACTOR Co. tools Rig 3	No. B 9177
MAILING ADDRESS		DELIVERED FROM Great Bend, Ks	LOCATION CODE 25520	PREPARED BY D. W. Dobratz
CITY & STATE		DELIVERED TO Location	TRUCK NO. 1540-5621	RECEIVED BY J. Reno

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
				175 40% Pozmix/60% Cement							
504-308	516.00261	1	B	Standard Cement	105	sk			5.35	561.	
506-105	516.00286	1	B	Pozmix A	70	sk			2.79	195.	
506-121	516.00259	1	B	3 Halliburton Gel 2% allowed							
507-277	516.00259	1	B	Halliburton Gel 4% added	6	sk			13.75	82.	
<p>RECEIVED STATE CORPORATION COMMISSION MAR 11 1991 CONSERVATION DIVISION Wichita, Kansas</p> <p>THIS IS NOT AN INVOICE</p>											
500-307		1	B	Surcharge	191.44				.10	19.	
				Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES				
				SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET				
500-207		1	B	SERVICE CHARGE			CU. FEET 187		1.10	205.	
500-306		1	B	Mileage Charge	15,953	24	191.44		.75	143.	
No. B 917781							CARRY FORWARD TO INVOICE		SUB-TOTAL		1207.

CUSTOMER

A Division of Halliburton Company

FORM 1906 R-11

15.009.24456.0000

WELL NO. - FARM OR LEASE NAME 1-7 LESUE DECKERT		COUNTY BARTON	STATE KS	CITY / OFFSHORE LOCATION	DATE 2-1
CHARGE TO Allen Drilling Company		OWNER Allen Drilling Co.		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	
ADDRESS		CONTRACTOR Allen Drilling Co.		LOCATION Wentz Bend, KS	
CITY, STATE, ZIP		SHIPPED VIA 3244		FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	
WELL TYPE 01-Oil	WELL CATEGORY 01-DEVELOPMENT	WELL PERMIT NO. 009-24456	DELIVERED TO LOCATION		LOCATION 3
TYPE AND PURPOSE OF JOB 115-Plus to Abandon		ORDER NO. B-917781		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 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 at the default at the 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 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 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 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 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 or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	A
					QTY	MEAS	QTY	MEAS		
000-117		/		MILEAGE	24	mi			2.35	
000-118		/		SURCHARGE	24	mi			.40	
990-910		/	STATE	COMMISSION	2	hr			370.00	3
090-722		/								
<p>MAR 1 1991</p> <p>OPERATION DIVISION Wichita Kansas</p> <p style="font-size: 2em; opacity: 0.5; transform: rotate(-15deg);">THIS IS NOT AN INVOICE</p>										

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-917781**

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

CAROL CHRISTOPHER
CUSTOMER OR HIS AGENT (PLEASE PRINT)

Carol Christopher
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.

Jan K... 49861
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL _____

CUSTOMER

SUB TOTAL **1.16**

APPLICABLE CHARGES ADDED