

ORIGINAL

SIDE ONE

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

Operator: License # 5418

Name: ALLEN DRILLING COMPANY

Address 7950 E. Prentice
Englewood, CO 80111

City/State/Zip _____

Purchaser: N/A - D&A

Operator Contact Person: Doug Hoisington

Phone (303) 796-7350

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: Jeffrey R. Zoller

Designate Type of Completion

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

If OWO: old well info as follows:

Operator: N/A

Well Name: --

Comp. Date -- Old Total Depth --

Drilling Method:

Mud Rotary Air Rotary Cable

1/31/90 2/05/90 2/06/90
Spud Date Date Reached TD Completion Date

API NO. 15- 009-24,404.0000

County Barton

NW SW NW Sec. 17 Twp. 20S Rge. 15 East West

3630 Ft. North from Southeast Corner of Section

4950 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name DECKERT "D" Well # 1-17

Field Name Converse

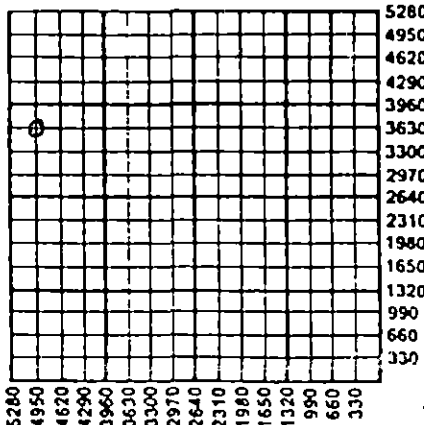
Producing Formation D&A

Elevation: Ground 2078 KB 2083

Total Depth 3885 PBTD --

FEB 26 1990

CONSERVATION DIVISION
Wichita, Kansas



Amount of Surface Pipe Set and Cemented at 1103' Feet

Multiple Stage Cementing Collar Used? Yes No

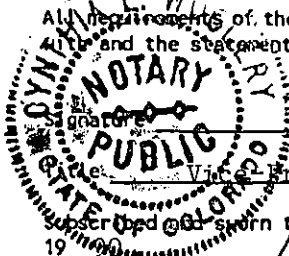
If yes, show depth set -- Feet

If Alternate II completion, cement circulated from --

feet depth to -- w/ -- sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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



Doug Hoisington
Vice-President, Production Date 2/23/90

Subscribed and sworn to before me this 23rd day of February, 1990

Notary Public Cynthia L. Woolery

Date Commission Expires January 17, 1994

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

91

SIDE TWO

Operator Name ALLEN DRILLING COMPANY Lease Name DECKERT "D" Well # 1-17
 Sec. 17 Twp. 20 Rge. 15 East West County Barton County, KS

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description																											
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																												
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																												
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																												
		<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1095</td> <td>+ 988</td> </tr> <tr> <td>Howard</td> <td>3087</td> <td>-1004</td> </tr> <tr> <td>Topeka</td> <td>3163</td> <td>-1080</td> </tr> <tr> <td>Heebner</td> <td>3424</td> <td>-1341</td> </tr> <tr> <td>Brown Lime</td> <td>3510</td> <td>-1427</td> </tr> <tr> <td>Lansing</td> <td>3520</td> <td>-1437</td> </tr> <tr> <td>Conglomerate</td> <td>3880</td> <td>-1717</td> </tr> <tr> <td>TD</td> <td>3885</td> <td>-1804</td> </tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	1095	+ 988	Howard	3087	-1004	Topeka	3163	-1080	Heebner	3424	-1341	Brown Lime	3510	-1427	Lansing	3520	-1437	Conglomerate	3880	-1717	TD	3885	-1804
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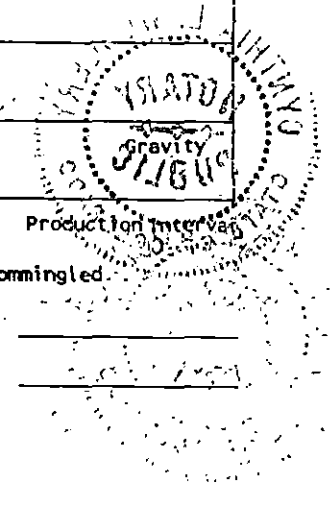
CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23#	1103'	60/40poz	400	2%gel, 3%cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
	Size	Set At	Packer At				
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio

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

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Conmingled

Other (Specify) _____



DISTRICT GREAT PLAINS

DATE 2-6-90

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. 1-17 LEASE DECKERT 'D' SEC. 17 TWP. 20 RANGE 15W

FIELD _____ COUNTY BARTON STATE KS. OWNED BY SAME

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.
FORMATION THICKNESS	FROM TO						
PACKER: TYPE	SET AT						
TOTAL DEPTH	MUD WEIGHT						
BORE HOLE							
INITIAL PROD: OIL BPD, H ₂ O BPD, GAS MCF							
PRESENT PROD: OIL BPD, H ₂ O BPD, GAS MCF							
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

F.T.A.

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

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration, the above-named Customer agrees:

- (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
- (b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
- (c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
- (d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder
- (e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
- (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service
- (g) 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
- (h) 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 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 responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
- (i) 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.
- (j) 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 on the amount in 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.
- (k) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
- (l) 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.

FEB 26 1990

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

SIGNED _____ CUSTOMER

DATE 2-5-90

TIME 2:30 A.M. P.M.

Clk. William Woods

WELL NO. 1-17 LEASE DECEMBER D TICKET NO. 890973

CUSTOMER ALCO DRILL CO. PAGE NO. 1

JOB TYPE P.T.A. 15,009-24404-0000 DATE 2-6-90

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2130							(CALLED OUT ORIGINAL ON LOCATION) SET UP EQUIPMENT RIG LAYING DOWN D.P.
	2230							
	0133		10.97					
	0158		27.43					2 ND PLUG 100 SKS ENT. @ 700'
	0240		2.74					3 RD PLUG 10 SKS ENT. @ 40'
	0230		4.11					4 TH PLUG 15 SKS ENT. RATHER
								WASH UP PACK UP JOB COMP.
	0315							

Thank you
 on behalf of
 D. STATE
 J. SKETS

RECEIVED
 STATE CORPORATION COMMISSION

FEE 26.1900'

WELL DATA

WELL DATA fields: FIELD, REC, TWP, RANG, COUNTY, STATE, FORMATION NAME, TYPE, CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS, etc.

JOB DATA

JOB DATA fields: TOOLS AND ACCESSORIES, CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED

PERSONNEL AND SERVICE UNITS

Table with columns: NAME, UNIT NO. & TYPE, LOCATION. Includes names like Balyard, D. S. etc.

MATERIALS

MATERIALS fields: TREAT. FLUID, DISPL. FLUID, PROP. TYPE, ACID TYPE, SURFACTANT TYPE, etc.

DEPARTMENT, DESCRIPTION OF JOB, JOB DONE THRU, CUSTOMER REPRESENTATIVE, HALLIBURTON OPERATOR

CEMENT DATA

CEMENT DATA table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD, MIXED

PRESSURES IN PSI

SUMMARY

VOLUMES

PRESSURES IN PSI, SUMMARY, VOLUMES fields: CIRCULATING, BREAKDOWN, AVERAGE, SHUT-IN, ORDERED, TREATING

RECEIVED

FEB 29 1970

Wichita, Kansas

Vertical text on the right edge: WELL NO. 0-1-17, JOB TYPE PTA, DATE 2-6-70

DISTRICT Great Bend, Ks.

DATE 2-1-90

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

WELL NO. 1-17 LEASE Decker D SEC. 17 TWP. 20S RANGE 15W

FIELD _____ COUNTY Barton STATE Ks. OWNED BY Same

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.
FORMATION THICKNESS	FROM TO						
PACKER: TYPE	SET AT						
TOTAL DEPTH	MUD WEIGHT						
BØRE HOLE							
INITIAL PROD: OIL BPD, H ₂ O BPD, GAS MCF							
PRESENT PROD: OIL BPD, H ₂ O BPD, GAS MCF							
CASING		<u>u</u>	<u>23"</u>	<u>8 5/8</u>	<u>GL</u>	<u>1102</u>	
LINER							
TUBING							
OPEN HOLE				<u>12 1/4</u>	<u>1102</u>	<u>1110</u>	SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Set 1102 8 5/8 2" 425 sks (60 40) Permox 7% gel 3% acc
60% Standard 40% Permox

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 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 _____ CUSTOMER

DATE 2-1-90

TIME 0900 (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 SUMMARY

HALLIBURTON DIVISION Wichita
HALLIBURTON LOCATION Great Bend, Ks

15.009.24404.0000
BILLED ON TICKET NO. 914027

CUSTOMER Alfa
LEASE Dickert
WELL NO. 1-17
JOB TYPE Surface
DATE 2-1-90

WELL DATA

FIELD _____ SEC. 17 TWP. 20S RNG. 15W COUNTY Barton 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>u</u>	<u>23</u>	<u>8 7/8</u>	<u>GL</u>	<u>1102</u>	
LINER						
TUBING						
OPEN HOLE			<u>12 7/4</u>	<u>1102</u>	<u>1110</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>2 1</u>	DATE <u>2 1</u>	DATE <u>2 1</u>	DATE <u>2 1</u>
TIME <u>0700</u>	TIME <u>0830</u>	TIME <u>1000</u>	TIME <u>1130</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Jerry Bennett</u>	<u>REM</u>	
<u>Ronald Gordky</u>	<u>51936</u>	<u>50320</u>
<u>Bob E. IK</u>	<u>E. IK</u>	<u>50320</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>Wood</u>	<u>1</u>	<u>Hawco</u>
HEAD <u>metal</u>	<u>1</u>	<u>"</u>
PACKER		
OTHER		

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-⁰API

DISPL. FLUID _____ DENSITY _____ LB/GAL-⁰API

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 enr

DESCRIPTION OF JOB Set Surface

JOB DONE THRU: TUBING CASING ANNULUS JOE VANN.

CUSTOMER REPRESENTATIVE [Signature]

HALLIBURTON OPERATOR Jerry Bennett COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>425</u>	<u>Puzmix</u>	<u>LD-40</u>	<u>R</u>	<u>2% gel 3% cc</u>	<u>1.25</u>	<u>14.6</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

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

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

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL _____ DISPL. (BBL-GAL) 573

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY (BBL-GAL) 964

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME (BBL-GAL) _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____

AVERAGE RATES IN BPM _____ ST/T _____ COMMISSION _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 15 REASON Request

RECEIVED _____

FEB 26 1990

Wichita, Kansas

HALLIBURTON SERVICES

Duncan, Oklahoma 73536

ORIGINAL

NO. 914027-4

A Division of Halliburton Company

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME 1-17 Deckert D		COUNTY Barton	STATE Ks.	CITY / OFFSHORE LOCATION	DATE 2-1-90
CHARGE TO Allen Dalg Company		OWNER Seme	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	LOCATION 1 Gt. Bend, Ks		CODE 50320
CITY, STATE, ZIP		SHIPPED VIA Co Trk	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		LOCATION 2
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO.	DELIVERED TO Location		LOCATION 3
TYPE AND PURPOSE OF JOB 010		B-	ORDER NO.	REFERRAL LOCATION	

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

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

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-117		1		MILEAGE	18	mi			2.20	39.60
001-016		1		Pump Charge	8	hr	1102	ft	715.8	715.80
030-503		1		Plug	1	cg	8%		59.00	59.00

Handwritten notes:
 11-7-90
 11-7-90

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-879253** RECEIVED **2792 37**

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

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

Jerry Bennett
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

CUSTOMER

FFB 1990
SUB TOTAL

DIVISION
Wichita, Kansas
APPLICABLE TAXES WILL BE ADDED ON INVOICE.

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER 15-009-24,404.0000

LEASE NAME DECKERT "D"

WELL NUMBER 1-17

3630 Ft. from S Section Line

4950 Ft. from E Section Line

SEC. 17 TWP. 20 RGE. 15 ~~CEX~~ (W)

COUNTY Barton

Date Well Completed 2/06/90

Plugging Commenced 2/06/90

Plugging Completed 2/06/90

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

LEASE OPERATOR ALLEN DRILLING COMPANY

ADDRESS 7950 E. Prentice, Suite 100
Englewood, CO 80111

PHONE# (303) 796-7350 OPERATORS LICENSE NO. 5418

Character of Well D&A

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on 2/05/90 (date)

by Carl Goodroe (KCC District Agent's Name).

Is ACO-1 filed? yes If not, Is well log attached? ---

Producing Formation D&A Depth to Top --- Bottom --- T.D. 3885'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS | CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled out
	surface	0	1103	8-5/8"	1103'	none

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet each set.

40 sks @ 1100'
100 sks @ 700' 165 sks 60/40 poz, 6% gel
10 sks @ 40' 15 sks in rathole by Halliburton
(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor ALLEN DRILLING COMPANY License No. 5418

Address Englewood, CO 80111

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: ALLEN DRILLING COMPANY, Englewood, CO

STATE OF Colorado COUNTY OF Arapahoe, ss.

Doug Hoisington (Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct so help me God.

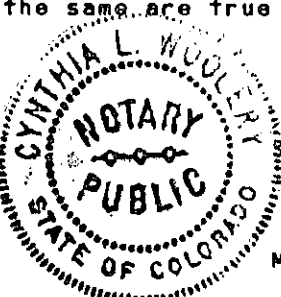
(Signature) [Signature]

(Address) 7950 E. Prentice - Suite 100
Englewood, Colorado 80111

Subscribed and sworn to before me this 23rd day of February, 19 90

[Signature]
Cynthia L. Woolery - Notary Public

My Commission Expires: January 17, 1994



RECEIVED
STATE CORPORATION COMMISSION
FEB 26 1990
C.C. WILLIAMS

4 060058

2-6

To: STATE CORPORATION COMMISSION
CONSERVATION DIVISION - PLUGGING SECTION
200 COLORADO DERBY BUILDING
WICHITA, KANSAS 67202

API-NUMBER 15-009-24,404.0000
NW SW NW, SEC. 17, T 20 S, R 15 W/E
3630 feet from S section line
4950 feet from E section line

TECHNICIAN'S PLUGGING REPORT

Operator License # 5418

Lease Name Deckert "D" Well # 1-17

Operator: Allen Drilling Company
Name & Address 7950 E. Prentice, Suite 100
Englewood, CO 80111

County Barton 126.75

Well Total Depth 3900 feet

Conductor Pipe: Size _____ feet

Surface Casing: Size 8 5/8 feet 1104

Abandoned Oil Well _____ Gas Well _____ Input Well _____ SWD Well _____ D&A XXXXXX

Other well as hereinafter indicated _____

Plugging Contractor Allen Drilling Co. License Number 5418

Address Same as above

Company to plug at: Hour: 2:30AM Day: 6 Month: February Year: 1990

Plugging proposal received from Craig Christopher

(company name) Allen Drilling Co. (phone) 303-796-7350

Work: Space all plug with heavy drilling mud through drill pipe.

Order 175 sxs. 60/40 pos 6%gel 1/2# floccul per sx.

Arbuckle not reached per operator.

Plugging Proposal Received by Herb Deines
(TECHNICIAN)

Plugging Operations attended by Agent?: All _____ Part _____ None XXXXXXX

Operations Completed: Hour: 2:30AM Day: 6 Month: February Year: 19 90

ACTUAL PLUGGING REPORT 1st plug at 1100' with 40 sxs. Anhydrite 1094-1123'

2nd plug at 700' with 100 sxs. Dakota 353-653'

3rd plug at 40' with 10 sxs. Surface pipe to 1104'

rathole with 15 sxs.

RECEIVED
STATE CORPORATION COMMISSION

FEB 14 1990

Remarks: Halliburton Cementing
(If additional description is necessary, use BACK of this form.)

~~XXXXX~~ did not observe this plugging.

DATE 2-15-90

INV. NO. 27443

Signed Herb Deines
(TECHNICIAN)

Herb Deines