

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, #100
Englewood, CO 80111

City/State/Zip _____

Purchaser: Koch Oil Company

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

12/19/90 12/31/90 1/16/91

Spud Date Date Reached TD Completion Date

API NO. 15- 145,21,342.0000

County Pawnee

NW NE NW Sec. 36 Twp. 20 Rge. 16 W East West

4950' Ft. North from Southeast Corner of Section

3630 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

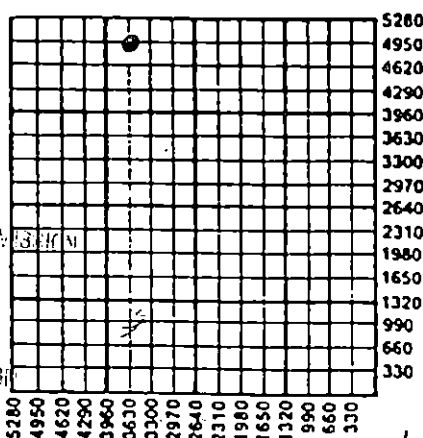
Lease Name FRANKLIN TRUST Well # 1-36

Field No. Pawnee Rock

Producing Formation Arbuckle

Elevation: Ground 2019 KB 2024

Total Depth 3905 P8TD _____



Amount of Surface Pipe Set and Cemented at 3905 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 forms 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.

The 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 1-16-91

Subscribed and sworn to before me this 16th day of January, 19 91.

Notary Public [Signature]
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 Timelog Received
Distribution
 KCC SWD/Rep HGPA
 KGS Plug Other (Specify)

P1

Operator Name Allen Drilling Company Lease Name Franklin Trust Well # 1-36
 Sec. 36 Twp. 20S Rge. 16 East West
 County Pawnee

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No 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	<p style="text-align: center;">Formation Description</p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input checked="" type="checkbox"/> Sample</p> <p style="text-align: center;">Name Top Bottom</p> <p style="text-align: center; font-size: 1.2em;">"SEE ATTACHED"</p>
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CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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	1033'	60/40 poz	350	2% gel 3% CaCl
Production	7-7/8"	5-1/2"	15.5	3903'	60/40 poz	140	10% NaCl
							5% CER3
							5% Gasstop
							10% Gilsonite, 1/2# flocele
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			
4	3755 - 3757'			None			
4	3760 - 3762'						
TUBING RECORD							
Size		Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
2-7/8"		3823'	None				
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
1-18-91							
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio
	75		TSTM		30		N/A
							Gravity N/A

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

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval
 _____ 3755 - 3757'
 _____ 3760 - 3762'

DRILL STEM TESTS							
NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	3670 - 3766 ARB	553 - 577 15'	1197 -30	660 - 978 30	1197 45	1912 - 1912	1st open: strong blow GTS in 5 min. gauged 185 mcf/gpd 5 min
2							139 mcf/gpd 10 min 121 mcf/gpd 15 min 2nd open: gauged
3						**	16.8 mcf/gpd 10 min. too small to meas. 15 min REC: 500' VSOCM ? 1100' W ?
4	** NOTE: Reversed fluid out of hole because unloaded after pulling stand of pipe. Amount of water questioned as the chlorides of the mud checked after DST #1 were 10,000 ppm the same as previous mud check. Furthermore, the validity of the VSOCM is in question because during 10 minutes in circulating to condition hole after DST #1, a large amount of oil and gas was circulated out of the hole to the pits						
5							
6							
7	3768 - 3775 ARB	199 - 542 15'	1209 -30	660 - 848 15'	1209 45	1912 - 1912	strong blow thru test REC: 1500' gas in pipe 1780' VSO & GCW
8							

RECEIVED
STATE COMMISSION

JAN 18 1991

CONSERVATION DIVISION
Wichita, Kansas

STRATIGRAPHIC

MARKERS	SAMPLE	E. LOG	DATUM
Anhydrite	1016	1019	+1005
Base Anhyd.	1042	1045	+979
Howard	3008	3007	-983
Topeka	3086	3085	-1061
King Hill	3180	3178	-1154
Queen Hill	3248	3246	-1222
Hcebner	3348	3346	-1322
Toronto	3366	3364	-1340
Douglas Shale	3378	3375	-1351
Brown Lime	3438	3434	-1410
Lansing	3448	3444	-1420
G Ø	3520	3506	-1496
Base KC	3677	3676	-1652
Arbuckle	3757	3756	-1732
TD	3905	3900	-1876

DISTRICT Pratt

DATE 12-20-19

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

WELL NO. #1-36 LEASE Franklin Trust SEC. 36 TWP. 20 RANGE 16

FIELD _____ COUNTY Pawnee STATE KS OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
TOTAL DEPTH _____ MUD WEIGHT _____
BORE HOLE _____
INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>N</u>	<u>23#</u>	<u>8 5/8"</u>	<u>KB</u>	<u>1034</u>	
LINER						
TUBING						
OPEN HOLE			<u>12 1/4"</u>	<u>1034</u>	<u>1035'</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Set 8 5/8" Surface Pipe with 350 sks 40/60
39 cc

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

- As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default 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 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 "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 for 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 when 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 pro 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 shall not be liable for and Customer shall indemnify Halliburton for 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 case 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.
 - 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 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 [Signature] CUSTOMER
DATE 12-20-90

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.

TIME 07:00 (A.M.)

CUSTOMER

JOB LOG ORIGINAL

WELL NO. 1-36

LEASE Franklin Trust

TICKET NO. 060893

CUSTOMER Allen Drilg

PAGE NO. 1

FORM 2013 R-2

15.145.21342.0600

JOB TYPE

Surface Pipe

DATE

12-20-90

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	07:00							On Location
	09:47		100					300 Break Circ (Pump tr)
	09:50							300 Start Mixing
	10:05		79.2					400 Finish Mixing
	10:06							Release Plug
	10:07							Start Disp
	10:13							550 Good Returns 5000L Dis. out
	10:15		65.5					550 Plug Down
	10:20							400 Shut IN
	10:30							Wash up
	11:30							Job Complete
								Thank You!
								Glen Beyerly 85826
								Shawn Garrison 79501
								Don Dibeste 80022
								RECEIVED
								STATE OPERATIONS COMMISSION
								JAN 18 1991
								CONSERVATION DIVISION
								Wichita, Kansas

CUSTOMER

WELL DATA
FIELD: _____ SEC. 36 TWP. 20 RNG. 16 COUNTY Fairfax 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>N</u>	<u>23</u>	<u>8 7/8</u>	<u>K.B.</u>	<u>1034</u>	
LINER						
TUBING						
OPEN HOLE			<u>12 1/4</u>	<u>1034</u>	<u>1035</u>	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 <u>Wood</u>	<u>1</u>	<u>Hawco</u>
HEAD & manifold	<u>1</u>	<u>Hawco</u>
PACKER		
OTHER		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-20-70</u> TIME <u>0430</u>	DATE <u>12-21-70</u> TIME <u>0700</u>	DATE <u>12-20-70</u> TIME <u>10:00</u>	DATE <u>12-20-70</u> TIME <u>11:30</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. _____ IN.
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Co. Swartz</u>		
<u>S. Gussner</u>	<u>51977-P</u>	<u>Great Bend</u>
<u>D. Dobrats</u>	<u>Bulk</u>	<u>"</u>
	<u>1970-5121</u>	

DEPARTMENT General
DESCRIPTION OF JOB Surface
JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
CUSTOMER REPRESENTATIVE X

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	STATE CORPORATION COM ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>350</u>	<u>40-60</u>	<u>po2</u>	<u>B</u>	<u>3 7/8 G.M.C.</u> <u>JAN 10 1991</u>	<u>1.27</u>	<u>14.2</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 65.5
SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY BBL-GAL 77.2
HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL-GAL _____
ORDERED _____ AVAILABLE _____ USED _____ AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____ CEMENT LEFT IN PIPE _____
FEET 15 REASON Request

DISTRICT Great Bend

DATE 1-1-91

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Allen Dr 1g (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING.

WELL NO. 1-36 LEASE Franklin Trust SEC. 36 TWP. 20 RANGE 16

FIELD _____ COUNTY Pawnee STATE KS OWNED BY Samc

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
TOTAL DEPTH _____ MUD WEIGHT _____
BORE HOLE _____
INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF _____
PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW P.S.I.
CASING	<u>1/2</u>	<u>14#</u>	<u>5 1/2"</u>	<u>KB</u>	<u>3903'</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 7/8"</u>	<u>3903'</u>	<u>3905'</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____
Set 5 1/2" long string with 90 sks 40/60 Poz 18% Salt .52 CFR-3
1/2" # Flashed and 40/60 Poz 18% Salt .57 Gas cap 10# Gilsomite
Pre flush with 20 bbl 1/40" salt flush, Rotate pipe, CompuDac
Total Pipe 3907' 15 sks Lead Cement

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 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:

- 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.
- 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 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 when 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 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 case 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, and 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 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 1-1-90
TIME 18:00 A.M. (P.M.)

JOB LOG

WELL NO. #1-36 LEASE *Frantlio Trust* TICKET NO. *06089*

CUSTOMER *Allen Drilg Co* PAGE NO. *1*

FORM 2013 R-2 *15.145.21342.0000* JOB TYPE *Longstring* DATE *1-1-91*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	17:00							On Location
	20:00							Run Float Equipment
	21:30							Casing on Bottom
	21:45							BREAK Circ. (Rig Pump)
	22:26	6	20			250		Run Salt Flush
	22:35	4.5	20.8			200		Run lead Cement (plug rather with tests loc)
	22:42	4	13.5			200		Run Tail Cement
	22:50	-						- Wash out lines
	22:51							Release plug
	22:53	8.5						Start Displacement
	23:00	8.5				250		Cement on Bottom
	23:03	5.0				600		Decrease Rate
	23:07	-	94.5			1000		Lead Plug
	23:05							Release PSTI
								(Float held)
	23:10							Wash up
	24:00							Job Complete
								Thank You!
								Glen Byerly 85526
								Wayne Wilson

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