

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

API NO. 15- 095-21750 0000

County Kingman County, Kansas

SE - SW - SE - Sec. 31 Twp. 30 Rge. 7 XX W

330 Feet from (S) Line of Section

1850 Feet from (E) Line of Section

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

Lease Name K.U. Well # 1-31 "A"

Field Name Washbon Ext.

Producing Formation None D&A

Elevation: Ground 1614' KB 1622'

Total Depth 4925' PBDT 4950'

Amount of Surface Pipe Set and Cemented at 265 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan PLA, 3-25-99 UC.
(Data must be collected from the Reserve Pit)

Chloride content 39,000 ppm Fluid volume 800 bbls

Dewatering method used evaporation/haul off location

Location of fluid disposal if hauled offsite:

Operator Name S & G Water Service, Inc.

Lease Name Dickson SWDW License No. 252648

SW Quarter Sec. 8 Twp. 31 S Rng. 8 E/W

County Harper Docket No. 55216-C

Operator: License # 9408

Name: Trans Pacific Oil Corporation

Address 100 South Main - Suite 200

City/State/Zip Wichita, Kansas 67202

Purchaser: None

Operator Contact Person: Alan Banta

Phone (316) 262-3596

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Jon Christensen

Designate Type of Completion 3-22-99
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

02-19-99 02-27-99 02-28-99
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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

Signature [Signature]

Title Senior Vice President Date 3/19/99

Subscribed and sworn to before me this 19th day of March, 19 99.

Notary Public [Signature]

Linda Chanel Neises

Date Commission Expires _____

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

ORIGINAL

Operator Name Trans Pacific Oil Corporation

Lease Name K.U.

Well # 1-31 "A"

Sec. 31 Twp. 30 Rge. 7

East
 West

County Kingman County, Kansas

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.)

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
	Name Top Datum	
	Heebner Shale 3333 -1711	
	Lansing 3574 -1952	
	Kansas City 3815 -2193	
	Cherokee Shale 4217 -2595	
	Mississippi 4347 -2725	
	Kinderhook Shale 4634 -3012	
	Viola 4737 -3115	
	Simpson 4751 -3129	
	Arbuckle 4888 -3266	

List All E.Logs Run: ROSEL CO.:
Dual Induction, Comp. Neutron/Density,
BHC Sonic

CASING RECORD <input 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"	20#	265'	60/40 Poz	175	3%cc 2%gel

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	None			
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
None		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	None			
Date of First, Resumed Production, SMD or Inj.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
None - Dry Hole				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Conmingled Other (Specify) Dry Hole

Production Interval: _____

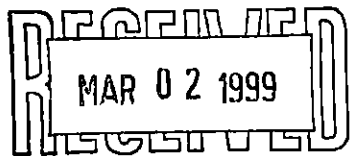
15-095-21750

DRILL STEM TESTS							
No.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	IHH-FHH	RECOVERY
1	3847'- 3874'	104-16" [#] 30"	1490" [#] 45"	191-314" [#] 45"	1473" [#] 60"	1846" [#] 1824" [#]	530'GIP; 210'VSOCGM, 60'GMW, 370'SW
	KANSAS CITY "B"						
2	4734'- 4754'	155-592" [#] 30"	1792" [#] 45"	642-907" [#] 30"	1789" [#] 45"	2405" [#] 2380" [#]	360'GIP; 300'GMW, 1800'GASSY SW
	SIMPSON						

RECEIVED
STATE CORPORATION COMMISSION

MAR 22 1999

CONSERVATION DIVISION
Wichita, KANSAS



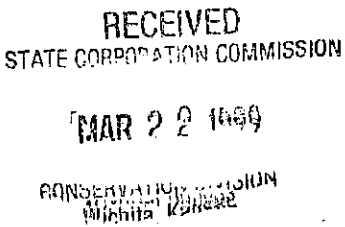
Kansas Corporation Commission

Bill Graves, Governor John Wine, Chair Cynthia L. Claus, Commissioner Brian J. Moline, Commissioner

March 1, 1999

Trans Pacific Oil Corporation
100 South Main, STE 200
Wichita KS 67202

Re: Closure of Drilling Pits
WOODRUFF Lease Well No. 1-17
W2NWNE 17-25S-5W
RENO County, Kansas
API No. 15155214260000



Dear Sirs:

The above referenced well was spudded on 4/10/98. According to K.A.R. 82-3-602, "Drilling pits shall be abandoned and closed within a maximum of 365 calendar days after the spud date of a well". The subject drilling pits must be closed by 4/10/99. Enclosed is a surface pond closure form, CDP-4. Please fill out the form and return it within 30 days after the drilling pits are closed.

Should an extension be warranted, it must be received by 4/10/99. TO FILE FOR AN EXTENSION, PLEASE SEND A COPY OF THIS LETTER WITH THE FOLLOWING INFORMATION COMPLETED:

Date of location inspection by operator/agent: March 10, 1999

Reason for extension: Recent snow/rains have delayed closure of the surface pond. Dry weather is needed before pits can be closed.

Estimated period of time until pit closure: 120 days (August, 1999)

Failure to timely close the pit, file a request for an extension or file the closure form within the allotted time periods may result in assessment of an administrative penalty. FAILURE TO RESPOND TO THIS WRITTEN NOTICE WILL RESULT IN AN INSPECTION OF THE LEASE BY DISTRICT STAFF TO VERIFY COMPLIANCE/NON-COMPLIANCE WITH THE CLOSURE REQUIREMENT. THE EXPENSE INCURRED, INCLUDING MILEAGE AND STAFF TIME, WILL BE CHARGED TO THE OPERATOR.

Your cooperation in this process is appreciated. If you have any questions or concerns, please call me at (316) 337-6200.

Sincerely,
Jonelle Rains, Supervisor
Department of Environmental Protection and Remediation

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# 48-0727860

9577
ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
med. ledge, ks

DATE <u>2-27-99</u>	SEC. <u>31</u>	TWP. <u>30</u>	RANGE <u>7</u>	CALLED OUT <u>5:00P.M.</u>	ON LOCATION <u>8:00P.M.</u>	JOB START <u>9:00P.M.</u>	JOB FINISH <u>3:15A.M.</u>
LEASE <u>KO</u>	WELL # <u>1-31A</u>	LOCATION <u>Dequoin, 2 1/2 W - N/S</u>			COUNTY <u>Harper</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Duke Drilling Co.

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. _____

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 x hole DEPTH 4880'

TOOL _____ DEPTH _____

PRES. MAX 200 MINIMUM 100

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 0

OWNER Trans Pacific Oil Corp.

CEMENT AMOUNT ORDERED 190SXS. 60/40/49G-1

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER ARRY Dreiling

343 HELPER FUSTIN HART

BULK TRUCK

301 DRIVER Robert Burr

BULK TRUCK

_____ DRIVER _____

TOTAL _____

REMARKS:

4880' w/ 35SXS.

1300' - 35SXS

800' - 35SXS

315' - 35SXS

60' - 20SXS.

Rathole - 20SXS.

mouse-hole - 10SXS.

Cemented 190SXS. 60/40/49G-1

SERVICE

DEPTH OF JOB 4880

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: Trans Pacific Oil Corp.

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

RECEIVED TOTAL _____
STATE CORPORATION COMMISSION

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE X Dion Vasquez

X Dion Vasquez
PRINTED NAME

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL, CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:** 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

Date 2-27-99 District med. ledge Ticket No. 9577
 Company Trans Pacific Oil Rig Duke #2
 Lease KU Well No. 1-31A
 County Harper State KS.
 Location Dequoin; 2/3w-n/s Field 31-30-7

CEMENT DATA:
 Spacer Type: Fresh H₂O
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 5/8 Type _____ Weight 24 Collar _____

LEAD: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

Casing Depths: Top 8 3/8 - 266 Bottom _____

TAIL: Pump Time _____ hrs. Type CLASS
 Excess _____
 Amt. 190 Sks Yield 1.41 ft³/sk Density 14.0 PPG _____
 WATER: Lead _____ gals/sk Tail 6.7 gals/sk Total _____ Bbls. _____

Drill Pipe: Size 4 1/2 Weight 16.60 Collars xhole
 Open Hole: Size 7 7/8 T.D. _____ ft. P.B. to _____ ft.

Pump Trucks Used 343 Justin H.
 Bulk Equip. 301 Robert B.
13-075-21150

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. .0602 Lin. ft./Bbl. 16.5x49
 Drill Pipe: Bbls/Lin. ft. .0142 Lin. ft./Bbl. 70.32
 Annulus: Bbls/Lin. ft. .0406 Lin. ft./Bbl. 24.6474
 Bbls/Lin. ft. .0440 Lin. ft./Bbl. 22.72
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. M.H. 35 1/4 1 1/4
 Disp. Fluid Type Mud-H₂O Amt. _____ Bbls. Weight 8.34 PPG _____
 Mud Type Chemical Weight 9.1 PPG _____

COMPANY REPRESENTATIVE John Ambruster

CEMENTER Larry Dreling

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
8:50		200		9	5/2	4880' - 3.55XS. 60/40/4
		200		9	5/2	Start H ₂ O SPACER
		175		3	4	Start Cement
		200		68	5/2	Start H ₂ O
9:07						Start mud- Stop Pumps
						1300' - 3.55XS. 60/40/4
11:30		100		9	5/2	Start H ₂ O PAD
				9	5/2	Start Cement
				3	4	Start H ₂ O
				16	5/2	Start mud
11:40		100				Stop Pumps
						800' - 3.55XS. 60/40/4
12:00		100		13	5	Start H ₂ O SPACER
				9	5/2	Start Cement
				8	4	Start H ₂ O
12:05		75				Start H ₂ O Displac-RECEIVED
						Stop Pumps STATE CORPORATION COMMISSION
						315' - 3.55XS. 60/40/4
2:45		75		9	5	Start H ₂ O SPACER MAR 22 1999
				9	5/2	Start Cement
				3	4	Start H ₂ O Displac-RECEIVED
2:50		50				Stop Pumps STATE CORPORATION COMMISSION
3:05		50		3	3	60' - 2.05XS. 60/40/4
3:10		50		3	3	Pathole - 2.05XS. 60/40/4
3:15		50		1 1/2	3	mouse hole 1.05XS. 60/40/4

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# 48-0727860

9812 ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
GREAT LENO

DATE <u>2-19-99</u>	SEC. <u>31</u>	TWP. <u>30s</u>	RANGE <u>7W</u>	CALLED OUT <u>1:30 PM</u>	ON LOCATION <u>4:30 PM</u>	JOB START <u>7:10 PM</u>	JOB FINISH <u>7:30 PM</u>
LEASE <u>K.U.</u>	WELL # <u>1-31A</u>	LOCATION <u>DUQUOION 2 1/2 W, N/S</u>			COUNTY <u>KINGMAN</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR DUKE #2

TYPE OF JOB DREAGE CASING

HOLE SIZE 13 1/4" T.D. 266'

CASING SIZE 8 5/8" 30' DEPTH 266'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 16 BBLs

OWNER TRANS PAC OIL CO.

CEMENT AMOUNT ORDERED 170sx 60:40:2
+ 3% CALZ

COMMON <u>A</u>	<u>102</u>	@ <u>6.35</u>	<u>647.70</u>
POZMIX	<u>68</u>	@ <u>3.25</u>	<u>221.00</u>
GEL	<u>3</u>	@ <u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>5</u>	@ <u>28.00</u>	<u>140.00</u>
_____	_____	@ _____	_____
_____	_____	@ _____	_____
_____	_____	@ _____	_____
_____	_____	@ _____	_____
_____	_____	@ _____	_____
HANDLING	<u>170</u>	@ <u>1.05</u>	<u>178.50</u>
MILEAGE	<u>170 x .30</u>	@ <u>.04</u>	<u>204.00</u>

TOTAL \$1419.70

EQUIPMENT

PUMP TRUCK CEMENTER # 120 HELPER Kevin Braunholt

BULK TRUCK # 342 DRIVER Reck Weiser

BULK TRUCK # _____ DRIVER _____

REMARKS:

RAN 8 5/8" CASING TO BOTTOM -
BREAK CIRCULATION - MIX 170SX
60:40:2 + 3% CALZ
DISPLACED WITH 16 BBLs
FRESH H2O CEMENT CIRCULATED

SERVICE

DEPTH OF JOB _____	_____	_____
PUMP TRUCK CHARGE <u>0-300'</u>	_____	<u>470.00</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>30</u>	@ <u>2.85</u>	<u>85.50</u>
PLUG <u>8 5/8" TWP</u>	@ <u>45.00</u>	<u>45.00</u>
_____	@ _____	_____
_____	@ _____	_____

TOTAL \$600.50

CHARGE TO: TRANS PAC OIL CO.

STREET ONE MAIN PLACE, #1000

CITY WICHITA STATE KANSAS ZIP 67202

FLOAT EQUIPMENT

_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____

TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE John J. Arimbruster

TAX _____

TOTAL CHARGE \$2070.20

DISCOUNT \$404.04 IF PAID IN 30 DAYS

NET \$1616.16

JOHN J. ARIMBRUSTER

RECEIVED STATE CORPORATION COMMISSION

PRINTED NAME JOHN J. ARIMBRUSTER

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL, CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:** 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

Date 2-19-99 District GREAT PLAINS Ticket No. 9812
 Company TRANS PAC OIL CORP Rig DUNE #2
 Lease K.U. Well No. 1-31A
 County KINGMAN State KANSAS
 Location 21-30-7W Field _____
DUPONTON 2 1/2 W, N/S

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 3 1/8" Type US50 Weight 20# Collar BR0

Casing Depths: Top KB Bottom 266'

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4" T.D. 266 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbbls/Lin. ft. .0650 Lin. ft./Bbl. 15.2'
 Open Holes: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: FRESH H2O
 Amt. _____ Sks Yield _____ ft³/sk Density 8.34 PPG

LEAD: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

TAIL: Pump Time 60:40:0
+ 2 1/2 Cmc Excess _____
 Amt. 170 Sks Yield 1.26 ft³/sk Density 14.8 PPG
 WATER: Lead _____ gals/sk Tail 5.6 gals/sk Total 22.7 Bbbls.

Pump Trucks Used 120 KEVIN BRUNGARDT
 Bulk Equip. 342 RECK WETSER

Floater Equip: Manufacturer _____
 Shoe: Type _____ Depth 266'
 Floater: Type _____ Depth 251'
 Centralizers: Quantity _____ Plugs Top WOOD Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type FRESH H2O Amt. 16 Bbbls. Weight 8.34 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE JOHN ARMARUSTER

CEMENTER KEVIN BRUNGARDT

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
4:30						ON LOCATION, RIG UP
						RUN 3 1/8" CASING + BREAK CIRCULATION
7:10						RIG UP TO CEMENT PUMP
		100			6	START FRESH H2O
		150		3	3	FRESH H2O IN - START CEMENT
		—		41	38	CEMENT IN - STOP PUMPS - CHANGE VALVES
					4	RELEASE PLUG - START DISP.
		100		52	11	CEMENT CIRCULATES
7:30		150		57	5	PLUG DOWN - SHUT IN