

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

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

**CONFIDENTIAL**

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: ANADARKO TRADING COMPANY

Operator Contact Person: J. L. ASHTON

Phone ( 316 ) 624-6253

Contractor: Name: GABBERT-JONES

License: 5842

**ORIGINAL**

Wellsite Geologist: NA

Designate Type of Completion  
 New Well  Re-Entry  Workover

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

**RELEASED**

If Workover: **MAR 23 1996**

Operator: \_\_\_\_\_

Well Name: **FROM CONFIDENTIAL**

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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

5-26-95 6-6-95 6-27-95  
Spud Date Date Reached TD Completion Date

API NO. 15- 189-21918-00-00

County STEVENS

- - N/2 - SW Sec. 32 Twp. 33S Rge. 38 X W

1320 Feet from X (circle one) Line of Section

660 Feet from X (circle one) Line of Section

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

Lease Name RATZLAFF "B" Well # 2

Field Name GENTZLER

Producing Formation L. MORROW

Elevation: Ground 3218.1 KB --

Total Depth 6400 PBTB 6332

Amount of Surface Pipe Set and Cemented at 1736 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 3127 Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALT 1 5-10-96  
(Data must be collected from the Reserve Pit) DPW

Chloride content 900 ppm Fluid volume 700 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name not

Lease Name \_\_\_\_\_ License No. 51099

Quarter 1 Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County **CONFIDENTIAL** Docket No. \_\_\_\_\_

RECEIVED  
STATE CORPORATION COMMISSION  
SEP 13 1995  
9-13-95  
CONFIDENTIAL 101-2-51099

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 David W. Kapple  
Title DIVISION DRILLING ENGINEER Date 8/29/95

Subscribed and sworn to before me this 29th day of August, 1995.

Notary Public L. Marc Harvey  
Date Commission Expires \_\_\_\_\_

**L. MARC HARVEY**  
Notary Public - State of Kansas  
My Appt. Expires 6-13-99

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name RATZLAFF "B" Well # 2

Sec. 32 Twp. 33S Rge. 38  East  West County STEVENS

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

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy.)

List All E.Logs Run: CNL-LDT, DIL, ML, SONIC, MSFL, SBT-GR.

Log  Formation (Top), Depth and Datums  Sample

Name	Top	Datum
B/STONE CORRAL	1736	
CHASE	2528	
COUNCIL GROVE	2879	
HEEBNER	4136	
TORONTO	4154	
MARMATON	4968	
MORROW	5767	
CHESTER	6275	

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.	Cementing Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12.25	8.625	24	365	MIDCON 2/ PREM PLUS	325/160	NONE/2%CC, 1/4#/SK FLOC.
PRODUCTION	7.875	5.5	15.5	6392	SELFSTRESS 1	230	.5% D-60, 2%CC, 1/4#/SK FLOC.
			F.O. TOOL	5127	MIDCON-2	90	NONE

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	6210-6219'	NONE	6210-6219'
4	6184-6202'	NONE	6184-6202'

TUBING RECORD

Size 2-3/8" Set At \_\_\_\_\_ Packer At 6150

Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 8-21-95 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil 9 Bbls. Gas 1620 Mcf Water 0 Bbls. Gas-Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_

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

Method of completion:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval 6184-6219' (OA)

Kee

GABBERT-JONES, INC.  
WICHITA, KANSAS

ORIGINAL

DRILLER'S WELL LOG

WELL NAME: Ratzlaff B-2  
Sec 32-33S-38W  
Stevens County, Kansas

CONFIDENTIAL

COMMENCED: May 26, 1995  
COMPLETED: June 6, 1995  
OPERATOR: Anadarko Petroleum Corporation

RECEIVED  
STATE CORPORATION COMMISSION

SEP 13 1995

CONSERVATION DIVISION  
Wichita, Kansas

DEPTH From	To	FORMATION	REMARKS
0	730	Sand-Redbed	
730	1248	Redbed-Gyp	Ran 41 jts of 24# 8 5/8" csg set @ 1736' w/325 sks
1248	1415	Sand	Midcon-2 160 sks Prem
1415	1736	Redbed-Gyp	Plus Class C 2% CC 1/4# Flocele
1736	1945	Anhy-Shale	PD @ 12:15PM 05/27/95
1945	2295	Shale	
2295	6400	Lime-Shale	

6400' TD

KCC

SEP 12

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CONFIDENTIAL

MAR 23 1998

FROM CONFIDENTIAL

Ran 150 jts of 15 1/2# 5 1/2" csg  
set @ 6392' - FO Tool @ 3127'  
Cemented w/235 sks RFC  
Dowell 1/4# Celloflakes  
PD @ 10:45PM 06/06/95  
RR @ 11:45PM 06/06/95

[STATE OF KANSAS]  
[COUNTY OF SEDGWICK]

Subscribed and sworn to before me this  
8<sup>th</sup> day of June, 1995.

*Shirley A. Pelz*

Shirley A. Pelz, Notary Public

My commission expires:

October 18, 1997

glog0001



I, the undersigned, being sworn on oath, state that  
the above Driller's Well Log is true and correct to  
the best of my knowledge and belief and according  
to the records of this office.

GABBERT-JONES, INC.

*James S. Sutton, II*

James S. Sutton, II

President



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Mid Continent  
Liberal, ks.

BILLED ON TICKET NO. 707213

LMH

## WELL DATA

FIELD Centelar SEC. 32 TWP. 33s RNG. 38W COUNTY Stevens 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	N	24	8 5/8	KB	1450	
LINER						
TUBING						
OPEN HOLE			12 1/4	BL	1736	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**ORIGINAL**

## JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-27-95</u>	DATE <u>5-27-95</u>	DATE <u>5-27-95</u>	DATE <u>5-27-95</u>
TIME <u>0500</u>	TIME <u>0740</u>	TIME <u>1017</u>	TIME <u>1212</u>

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. Poyer</u>	<u>40048</u>	<u>Liberal, ks</u>
<u>H. Tedder</u>	<u>7131</u>	<u>" "</u>
<u>C. Ashley</u>	<u>11031</u>	<u>Bulk Hugoton, ks</u>
<u>Clay Parker</u>	<u>6611</u>	<u>" "</u>

## TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>insert/Fill-up</u>	<u>1</u>	<u>Howe</u>
GUIDE SHOE <u>Reg</u>	<u>1</u>	
CENTRALIZERS <u>Reg</u>	<u>5</u>	
BOTTOM PLUG		
TOP PLUG <u>5w</u>	<u>1</u>	
HEAD <u>P.C.</u>	<u>1</u>	
PACKER <u>Basket</u>	<u>1</u>	
OTHER <u>weld H</u>	<u>1</u>	

## MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API  
DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API  
PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB  
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 \_\_\_\_\_  
PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
OTHER \_\_\_\_\_  
OTHER \_\_\_\_\_

**CONFIDENTIAL**

**RELEASED**

**MAR 23 1990**

**FROM CONFIDENTIAL**

NOU

SEP 12

**CONFIDENTIAL**

DEPARTMENT 5001 STATE CORPORATION COMMISSION  
DESCRIPTION OF JOB 5st surface pipe

**RECEIVED**  
**SEP 13 1995**

JOB DONE THRU: TUBING  CASING  WICHITA, KANSAS

CUSTOMER REPRESENTATIVE [Signature]

HALLIBURTON OPERATOR Tom Poyer COPIES REQUESTED 2

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>325</u>	<u>Mid Con II</u>		<u>B</u>	<u>2% cc, 1/4% sk Floccs</u>	<u>3.22</u>	<u>11.1</u>
	<u>160</u>	<u>PREM. Plus</u>		<u>B</u>	<u>2% cc, 1/4% sk Floccs</u>	<u>1.34</u>	<u>14.8</u>

## PRESSURES IN PSI

## SUMMARY

## VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. BBL.-GAL. 108  
SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY BBL.-GAL. 186 + 38  
HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
AVERAGE RATES IN BPM \_\_\_\_\_

## REMARKS

M.S.P.S @ G. + J. Rig 12  
Cement to surface = 35 bbls or 61 sks

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
CEMENT LEFT IN PIPE \_\_\_\_\_

FEET 41 REASON Shoe Joint

CUSTOMER Wardaska Pet.  
LEASE Ratzlaff  
WELL NO. B-2  
JOB TYPE D10  
DATE 5-27-95



JOB LOG HAL-2013-C

CUSTOMER <b>ANADARKO</b>	WELL NO. <b>B-2</b>	LEASE <b>RATZLAFF</b>	JOB TYPE <b>010</b>	TICKET NO. <b>707213</b>
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0500							Called out — Requested "now"
	0740							ON LOC. — T.O.H.
	0840							Wait on cat (DEEP SAND)
	0952							Rig-up + Run csg. 8 5/8 <sup>24</sup>
	0957							ON BOTTOM — Hook-up to circ
	1013							Circulation Breaks
	1017		186				1/200	Hook-up to cmt.
	1039		38					Pump lead cmt.
	1051							Pump tail cmt.
	1100							Shut down — plug-off product line
	1115							Mix slurry — pump down — boost
	1117		108				1/200	Shut down — Drop plug
								Pump Displ.
								Pumps pick-up Debris — 35 bbls out
								boost Displacement
								Rig-up mud pumps to H <sub>2</sub> O
								65 bbls out — switch over to rig
	1202						250/1500	Bring mud pump on Displacement
	1212						500/1200	Plug down.
							1200/0	Release pressure — float "hold"
								Cement to SURFACE: ✓
								Approx 35 bbls on 61 sks.
								SORRY we had Debris in our high PRESSURE pumps.
								Thank you!
								RECEIVED
								STATE CORPORATION COMMISSION
								SEP 13 1995
								CONSERVATION DIVISION
								Wichita, Kansas
								RELEASED
								MAR 23 1998
								FROM CONFIDENTIAL

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MAR 23 1998

FROM CONFIDENTIAL

RECEIVED, Clint Woods  
STATE CORPORATION COMMISSION

SEP 13 1995

CONSERVATION DIVISION  
Wichita, Kansas



HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

CHARGE TO: *Anadarko Pet. Corp*  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

COPY

TICKET

No. 707213 - 1

PAGE 1 OF 2

RECEIVED  
 STATE CORPORATION COMMISSION  
 SEP 13 1995  
 CONSERVATION DIVISION  
 Oklahoma, Kansas

1. <i>025540</i>	WELL/PROJECT NO. <i>B-2</i>	LEASE <i>RALZ LAKE</i>	COUNTY/PARISH <i>STEVENS</i>	STATE <i>OK</i>	CITY OR SHORE LOCATION <i>Wellsite</i>	DATE <i>5-27-95</i>	OWNER
2. <i>025535</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>Gabbert &amp; Jones</i>	RIG NAME/NO. <i># 12</i>	SKIPPED VIA	DELIVERED TO	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING LOC ACCT DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
<i>000-017</i>			<i>MILEAGE From Liberal</i>	<i>2</i>	<i>EA/mi</i>	<i>39</i>	<i>mi</i>	<i>2.15</i>	<i>214.50</i>
<i>001-016</i>			<i>Pump Charge</i>	<i>6</i>	<i>HRS</i>	<i>1750</i>	<i>FT</i>		<i>1320.00</i>
<i>070-018</i>			<i>Top plug SW</i>	<i>1</i>	<i>EA</i>	<i>8 7/8</i>	<i>IN</i>		<i>130.00</i>
<i>12A</i>	<i>825.217</i>		<i>Regular shoe</i>	<i>1</i>	<i>EA</i>	<i>8 7/8</i>	<i>IN</i>		<i>216.00</i>
<i>24A</i>	<i>815.19502</i>		<i>insert float</i>						<i>171.00</i>
<i>27</i>	<i>815.19415</i>		<i>fill up</i>						<i>55.00</i>
<i>40</i>	<i>806.61048</i>		<i>centralizer</i>	<i>5</i>	<i>EA</i>			<i>65.00</i>	<i>325.00</i>
<i>320</i>	<i>806.71460</i>		<i>bracket</i>	<i>1</i>	<i>EA</i>				<i>108.00</i>
<i>350</i>	<i>890.10802</i>		<i>weld-A</i>	<i>1</i>	<i>EA</i>				<i>14.50</i>

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: *X Jim Sulow*

DATE SIGNED: TIME SIGNED:  A.M.  P.M.

do  do not require IPC (Instrument Protection).  Not offered

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		<b>SURVEY</b>	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	<i>2554</i>
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				FROM CONTINUATION PAGE(S)	<i>8299</i>
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
TUBING SIZE	TUBING PRESSURE	WELL DEPTH					<i>10853</i>
TREE CONNECTION	TYPE VALVE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
		ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	
		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES** The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): *Jim Sulow*

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): *X Jim Sulow*

HALLIBURTON OPERATOR/ENGINEER: *Tom Pappas*

EMP #: *48120*

HALLIBURTON APPROVAL:



TICKET CONTINUATION

DUNCAN COPY

TICKET No. 707213

HALLIBURTON ENERGY SERVICES

CUSTOMER Anadarko Petroleum Corp.	WELL RutzLgFF B-2	DATE 05-27-95	PAGE 2	OF 2
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FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	WELL		DATE	PAGE	OF		
		LOC	ACCT	DF		QTY.	U/M				QTY.	U/M
504-050	516.00265				Premium Plus Cement	160	sk				11.19	1790.40
504-282					Midcon	325	sk				15.15	5040.75
507-210	890.50071				Flocele 1/4 # w/485	121	lb				1.65	199.65
509-406	890.50812				Calcium Chloride 200w/485	9	sk				36.75	330.75
<p>ORIGINAL</p> <p>KUU</p> <p>SEP 12</p> <p>CONFIDENTIAL</p> <p>CONFIDENTIAL</p> <p>RELEASED</p> <p>MAR 23 1996</p> <p>FROM CONFIDENTIAL</p>												
500-207					SERVICE CHARGE	CUBIC FEET		527			1.35	711.45
500-306					MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	238.265			.95	226.35
						47653	10					

CONTINUATION TOTAL 8299.35

No. B 209561



DOWELL SCHLUMBERGER INCORPORATED

COPY

INVOICE

Dowell

REMIT TO:

P O BOX 201556  
HOUSTON TX 77216

0312

INVOICE DATE

06/06/95

INVOICE NUMBER

03-12-7175

556020  
ANADARKO PETROLEUM CORP

ORIGINAL

BOX 351  
LIBERAL

KS 67901

PAGE 1

TYPE SERVICE

CEMENTING  
CEMENT PRODUCT

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
SATZLAFF B-2	KS	SEWARD	ULYSSES	DOWELL	
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SEC 32-33S-36W			06/06/95	JOHN SHILLING	

ACCOUNTING ENTRIES

ITEM CODE	DESCRIPTION	UOH	QTY	UNIT PRICE	AMOUNT
102871065	CSNG CMNT 6001-6500' 1ST BHR	BHR	1	1,950.0000	1,950.00
059200002	MILEAGE, ALL OTHER EQUIPMENT	MI	40	2.9500	118.00
049102000	TRANSPORTATION CMNT TON MILE	MI	544	1.0000	544.00
049100000	SERVICE CHG CEMENT MATL LAND	CFT	305	1.3600	414.80
059697000	PACR TREAT ANALYSIS RECORDERS	JOB	1	159.0000	159.00
040015000	D909, CEMENT CLASS H	CFT	236	9.0000	2,124.00
000433001	D007, SELF STRESS I CMNT ADD	LBS	4356	.4000	1,742.40
067005100	S1.CALCIUM CHLORIDE	LBS	442	.4000	176.80
044002050	D60, FLAC FLUID LOSS ADDITIV	LBS	111	9.3000	1,032.30
044003025	D29, CELLOPHANE FLAKES	LBS	59	1.7700	104.43
050101054	SHOE CEM TYPE GUIDE 5-1/2"	EA	1	170.0000	170.00
053003054	INSERT ORIFICE FILL 5-1/2"	EA	1	260.0000	260.00
056011054	CENTR REG 5-1/2, B DIA-9"	EA	14	66.0000	924.00
056008054	BASKET CEMG CASING 5-1/2"	EA	1	184.0000	184.00
056702054	PLUG CEMG 5-1/2" TOP PLASTIC	EA	1	75.0000	75.00
067011000	M117, POTASSIUM CHLORIDE	LBS	300	.3500	105.00
100283000	D027, CHEMICAL WASH CW100	BBL	30	37.5000	1,125.00
045004050	D44, GRANULATED SALT	LBS	276	.1300	35.88
	DISCOUNT - MATERIAL				3,062.35-
	DISCOUNT - SERVICE				1,210.60-

CONFIDENTIAL

KCC

SEP 1 2

CONFIDENTIAL

RECEIVED  
STATE CORPORATION COMMISSION

SEP 01 3-1995 6,971.66

CONSERVATION DIVISION  
Wichita, Kansas 261.35  
53.34

RELEASED

AMOUNT DUE -- 7,286.35

MAR 23 1998

FROM CONFIDENTIAL

M C STATE TAX ON  
M F C LOCAL TAX ON

John Shill  
4844

4844-2040  
KCC

J.S.  
6-15-95

WITH QUESTIONS CALL 310-356-1270

FEDERAL TAX ID # 38-239-7473

TERMS -- NET 30 DAYS DUE ON OR BEFORE JUL 15 1995

THANK YOU. WE APPRECIATE YOUR BUSINESS.

John Bryant  
J.B. BRYANT

\* WE CAN INVOICE YOU VIA EFT, CALL (713) 225-8414 FOR INFORMATION \*



CEMENTING SERVICE REPORT

Schlumberger

TREATMENT NUMBER: 0312-7175 DATE: 10-6-95  
 STAGE: 1 DISTRICT: Illinois Kansas

DE-08-A PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

WELL NAME AND NO.: **Ratlaff B-2**  
 LOCATION (LEGAL): **Sec. 32-395-38W**  
 FIELD-POOL: **Stevens**  
 COUNTY/PARISH: **Stevens** STATE: **Kansas** API. NO.:  
 NAME: **Anadarko**  
 ADDRESS: **ORIGINAL**  
 ZIP CODE:

RIG NAME: **Gabbert 2 Jones W**  
 WELL DATA:  
 BIT SIZE: **7 1/2** CIRCULAR SIZE: **5 1/2**  
 TOTAL DEPTH: **15.5** WEIGHT:  
 GRAB  CABLE FOOTAGE: **6360**  
 MUD TYPE: **K-55** GRADE: **840**  
 BHST  BHCT THREAD: **840**  
 MUD DENSITY: **43** LESS FOOTAGE PIPE JOINTS  
 MUD VISC. Disp. Capacity: **6300** TOTAL:

SPECIAL INSTRUCTIONS: **RELEASED**  
**MAR 23 1998**  
**CONFIDENTIAL**

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

Floor	TYPE	<b>IN-OUT (AFW)</b>	Type	X
	DEPTH	<b>6345</b>		
Sump	TYPE	<b>Guided Shoe</b>	Type	X
	DEPTH	<b>6388</b>		

Head & Plug:  TGB  D.P. SOURCE JOB  
 Double  SIZE TOOL TYPE  
 Single  WEIGHT DEPTH  
 Gauge  GRADE TAIL PIPE: SIZE DEPTH  
 Knockoff  THREAD TUBING VOLUME BBL  
 TOP OR CW  NEW  USED CASING VOL. BELOW TOOL BBL  
 BOT OR CW DEPTH TOTAL BBL  
 ANNUAL VOLUME BBL

IS CASING/TUBING SECURED?  YES  NO  
 LIFT PRESSURE PSI CASING WEIGHT & SURFACE AREA (3.14 x R<sup>2</sup>)  
 PRESSURE LIMIT PSI BUMP PLUG TO PSI  
 ROTATE: RPM RECIPROCATED **10** FT No. of Centralizers **14**

TIME	PRESSURE		VOLUME PUMPED GAL.		JOB SCHEDULED FOR TIME: <b>1630</b> DATE: <b>6-6-95</b>			ARRIVE ON LOCATION TIME: <b>1630</b> DATE: <b>6-6-95</b>		LEFT LOCATION TIME: DATE:	
	TGB OR D.P.	CASING	INCHES	CLAM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL			
2119		320			4.87	Kel		PRE-JOB SAFETY MEETING <b>NCC</b>			
2126		330			4.45	CW100		Pump 20 BBL Kel <b>SEP 1 2</b>			
2133		390			4.67	Kel		Pump 30 BBL CW100 <b>CONFIDENTIAL</b>			
2137		340			4.22	CMT	11.0	Pump 20 BBL Kel <b>RECEIVED STATE CORPORATION COMMISSION</b>			
2146		290			5.21			START mixing Scavenger Slurry <b>SEP 1 3 1995</b>			
2146		320			5.18	CMT	14.7	End Scavenger Slurry <b>CONSERVATION DIVISION</b>			
2200		320			7	FW	8.34	Start Cmt Slurry <b>Wichita</b>			
2227		780			5 1/2			Dump Top Plug <b>Wichita</b>			
2233		1550			3			Cement Cmt <b>Wichita</b>			
								Slow Pump Rate <b>Wichita</b>			
								Pump Top Plug <b>Wichita</b>			

REMARKS: **No Flow log used**

SYSTEM CODE	NO. OF BAGS	YIELD CU. FT/BAK	COMPOSITION OF CEMENTING SYSTEMS	FLUID DENSITY
1	50	3.85	Self Stress 270 3-1, 5% 0-40, 1/4 1/4 0-29	84.1
2	185	1.54	" " " " " "	80.7
3				
4				

BREAKDOWN FLUID TYPE:  HIBERTATION EQ.  RUNNING EQ. VOLUME: **151** DENSITY: **151** PRESSURE: **151**  
 CIRCULATION LOST  YES  NO Cement Circulation: **151**  
 BREAKDOWN:  YES  NO TO PSI: **151** DEPTH: **151** TYPE: **151**  
 MEASURED DISPLACEMENT  WIRELINE WELL: **151**  
 CUSTOMER REPRESENTATIVE: **Mr. John Shilling**

Service Order Record Number: Dowell Service Location Name and Number  
1140-3 → 6906.99 Permian Texas 0312

CUSTOMER'S NAME: Amador Ko  
ADDRESS: Box 351  
Liberal Kansas  
CITY, STATE AND ZIP CODE: Liberal Kansas 67901

ORIGINAL

Dowell will furnish and Customer shall purchase materials and services required in the performance of the following SERVICE INSTRUCTIONS in accordance with the general terms and conditions as printed on the reverse side of this service order and/or attached to this service order. This service order is subject to alternative dispute resolution.

CONFIDENTIAL

ARRIVE LOCATION	MO.	DAY	YR.	TIME
6	6	95	11:30	
SERVICE ORDER I authorize work to begin per service instructions in accordance with terms and conditions printed on the reverse side of this form and/or attached to this form and represent that I have authority to accept and sign this order.				
SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE <i>X John Shuman</i>				
NO. OF DAY				
TIME				
SERVICE RECEIPT I certify that the materials and services listed were received and all services performed in a workmanlike manner.				
SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE <i>X John Shuman</i>				

CUSTOMER NUMBER	CUSTOMER PO/CONTRACT NUMBER	TYPE SERVICE CODE	WORKOVER NEW WELL OTHER	AFE NUMBER
			<input type="checkbox"/> W <input type="checkbox"/> N <input type="checkbox"/> O	
STATE	CODE	COUNTY/PARISH	CODE	CITY
Kansas		Sevier		
WELL NAME AND NUMBER/JOB SITE		LOCATION NAME AND NUMBER/OFFSHORE PLATFORM		
Rutland B-2		Sec 32-235-28W		
ACCOUNTING CODES				ROUND TRIP MILEAGE
MAR 23 1998				

ITEM PRICE REF. NO.	MATERIAL EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
102871-065	Pump CEROM CONFIDENTIAL	EA.	1	1950.00	1950.00
059200-002	Milking on Pump	Mi.	40	2.95	118.00
049102-000	Hauling	Ton	550	1.00	550.00
049100-000	Service	ETS	203	1.36	414.80
059677-000	Pack	BA	1	159.00	159.00
040015-000	Class H	SK	234	9.06	2138.16
000423-001	Self-Stress Additives	lbs	4250	.40	1742.40
067005-100	S-1	lbs	442	.40	176.80
044002-050	D-24	lbs	111	8.61	955.71
044003-027	D-24	lbs	57	1.72	104.43
050101-054	Guide Shoe	EA.	1	170.00	170.00
053003-054	Insert	EA.	4	260.00	260.00
056011-054	Centralizer	EA.	17	66.00	924.00
056008-054	Curr Basket	EA	1	184.00	184.00
056702-054	Top Plug	EA	1	75.00	75.00
067011-000	MU	lbs	300	.31	93.00
100282-000	CWED	DBL	30	37.50	1125.00

SERVICE ORDER RECEIPT

SEP 12 1995  
CONFIDENTIAL

FIELD ESTIMATE = \$6906.99

SUB TOTAL

LICENSE/REIMBURSEMENT FEE	
LICENSE/REIMBURSEMENT FEE	
REMARKS:	STATE
11140.3 → 6906.99 Estimate Only	KAN
	COUNTY
	CITY
	SIGNATURE OF DOWELL REPRESENTATIVE
	TOTAL
	<i>Alvin K. Johnson</i>



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATIONMID CONT.  
LACRAW KS

BILLED ON TICKET NO. 207447

## WELL DATA

FIELD \_\_\_\_\_ SEC 32 TWP. 33 S RING. 38 W COUNTY STEVENS 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 BAKER Port Collar TOTAL DEPTH 3127

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>U</u>	<u>5</u>	<u>5 1/2</u>	<u>G.L.</u>	<u>6250</u>	
LINER						
TUBING	<u>U</u>		<u>2 3/8</u>	<u>G.L.</u>	<u>3127</u>	
OPEN HOLE						SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

# ORIGINAL

## JOB DATA

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

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>6-22-95</u>	DATE <u>6-22-95</u>	DATE <u>6-22-95</u>	DATE <u>6-22-95</u>
TIME <u>05:30</u>	TIME <u>08:16</u>	TIME <u>10:26</u>	TIME <u>15:17</u>

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. ELWOOD</u>	<u>420041</u>	<u>LACRAW KS</u>
<u>H. TEOBER</u>	<u>52938</u>	<u>"</u>
<u>R. CRAWFORD</u>	<u>3101</u>	<u>"</u>
<u>J. ADAMS</u>	<u>52866</u>	<u>"</u>
	<u>7649 (B)</u>	<u>Hugobon KS</u>

**RELEASED****MAR 23 1998****CONFIDENTIAL****FROM CONFIDENTIAL**

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. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT 3001 Cont

DESCRIPTION OF JOB Cont Port Collar & Pickel Tubing

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN

CUSTOMER REPRESENTATIVE X Jiri Pulan

HALLIBURTON OPERATOR ROBERT ELWOOD COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT/SK	MIXED LBS/GAL.
	<u>90</u>	<u>MERCON 2</u>		<u>6</u>	<u>2% C.C.</u>	<u>3.22</u>	<u>11.1</u>

**RECEIVED**  
STATE CORPORATION COMMISSION  
**SEP 13 1995**  
CONSERVATION DIVISION  
Wichita, Kansas  
VOLUMES

## PRESSURES IN PSI

## SUMMARY

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN. BBL.-GAL. \_\_\_\_\_ PAD BBL.-GAL. \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL BBL.-GAL. 165

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 51.6

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET \_\_\_\_\_ REASON \_\_\_\_\_

## REMARKS

Pickel Tubing AFTER Cont Job  
w 90 gal 15% HCS Acid

CUSTOMER: WUADAKO

LEASE: KATZLAFF

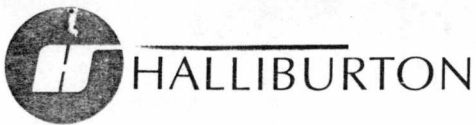
WELL NO.: A-2

JOB TYPE: Cont Port Collar

DATE: 6-22-95

**JOB LOG** HAL-2013-C

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.
ANADARCO		B-2		RATZLAFF		CMT PORT COLLAR TUBING		707447
CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	05:30							CALLER OUT RTP 09:00
	08:10							ON Loc Rig Unloaded Tubing of Trac
	08:40							START Picking up Tubing
	10:20							Tubing @ Port Collar
	10:26							Hook to Halliburton
	10:29	1/2	1/2	X		1250		Load Tubing
	10:30			X		1250		PRESSURE TEST Hole
	10:32			X		0		Release BACK Tighten B.O.P. Nuts
	10:38			X		2000		PRESSURE TEST Hole
	10:43			X		300		Release BACK to 300 p.s.i
	10:44			X		0		OPEN PORT COLLAR
	10:45	1.5	3	X		200		EST. Circulation / Inject Rate 2 B.P. 200 b
	10:47	2.5	51.6	X		200		START Cmt @ 11.1 #/gal
	11:07	1.9	11.5	X		0		START Displacement / WASH Pumps & Ltr
	11:13			X		500		SHUT DOWN
	11:13			X		0		Close Tool <b>RELEASED</b>
	11:14			X		0		Pull up 2' Pressure Test <b>SEP 23 1998</b>
	11:19					0		Release BACK
	11:22							Hook to Annulus <b>FROM CONFIDENTIAL</b>
	11:23	2	20		X	800		Rev. Out Rev-out 1 <sup>st</sup> good Cmt
	11:33				X	400		SHUT DOWN
	11:44							START Picking up Tubing
	13:35							Tubing on Bottom
	13:52							Hook to Halliburton
	13:54	.33	4.7	X		0		START 15% HCL ACID 4 1/2 gal HAE 80
	14:08	.56	25	X		Vac.		START Displacement Displace 30' up Ann
	14:52			X		50		SHUT DOWN
	14:57							Hook to Annulus
	14:58	2.63	50		X	800		Rev. Out Acid to <del>PT</del> FRAC TANK
	15:17				X	0		SHUT DOWN Job Complete
								<b>CONFIDENTIAL</b>
								THANK YOU FOR CALLING
								HALLIBURTON
								Robert & CREW
								ON Loc 6 HR 30 MIN
								Pump time 2 HR 33 MIN



HALLIBURTON

HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

CHARGE TO: AWARD  
 ADDRESS: AWARD  
 CITY, STATE, ZIP CODE:

COPY

TICKET

No.

707447 - 4

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>025540 LEASE</u>	WELL/PROJECT NO. <u>B-2</u>	LEASE <u>RATCLIFF</u>	COUNTY/PARISH <u>STEWENS</u>	STATE <u>Ks</u>	CITY/OFFSHORE LOCATION	DATE <u>6-22-95</u>	OWNER <u>Same</u>
2. <u>2025335</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA <u>HES</u>	DELIVERED TO <u>LOG</u>	ORDER NO.
3.	WELL TYPE <u>01</u>	WELL CATEGORY <u>02</u>	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

RECEIVED STATE CORPORATION COMMISSION  
 SEP 15 1995  
 CONSERVATION DIVISION  
 Wichita, Kansas

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>000-117</u>					MILEAGE	<u>1</u>	<u>U</u>	<u>22</u>	<u>MF</u>	<u>2.75</u>	<u>22.5</u>
<u>001-016</u>					Pump Charge	<u>6</u>	<u>HR</u>	<u>3127</u>	<u>FT</u>		<u>1500</u>
<u>300-152</u>					Transport Bodyclean	<u>4</u>	<u>HR</u>	<u>1</u>	<u>HR</u>	<u>40.00</u>	<u>160</u>
<u>207-004</u>					15% HCL	<u>1</u>	<u>GN</u>	<u>200</u>	<u>EN</u>	<u>1.11</u>	<u>222</u>
<u>210-017</u>					H.I.A. 21	<u>1</u>	<u>GN</u>	<u>1</u>	<u>EN</u>		<u>39.00</u>

ORIGINAL

CONFIDENTIAL

RELEASED  
 MAR 23 1996  
 FROM CONFIDENTIAL  
 CONFIDENTIAL  
 SEP 12

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: X Jim Paulson

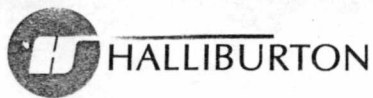
DATE SIGNED: \_\_\_\_\_ TIME SIGNED: \_\_\_\_\_  A.M.  P.M.

do  do not require IPC (Instrument Protection).  Not offered

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		<b>SURVEY</b>		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <u>2146</u>
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
FREE CONNECTION	TYPE VALVE		ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				
			<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				
						SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>39.04</u>	

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES** The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <u>Jim Paulson</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X Jim Paulson</u>	HALLIBURTON OPERATOR/ENGINEER <u>ROBERT EDWARDS</u>	EMP # <u>04360</u>	HALLIBURTON APPROVAL
---	--	--	-----------------------	----------------------



HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

TICKET CONTINUATION

DUNCAN COPY

TICKET No. 707447

CUSTOMER APC	WELL KAF210/6 B2	DATE 6-22-95	PAGE 2	OF 2
-----------------	---------------------	-----------------	-----------	---------

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M			
504-282					Midcon cement	90	bags			16 39	1475	10
507-285	70. 15750											
508-177	516. 05335											
509-406	890. 50812				Calcium chloride 2%	2	bags			36 45	73	50
ORIGINAL					CONFIDENTIAL		NOV SEP 12		RELEASED MAR 23 1998		FROM CONFIDENTIAL	
500-207					SERVICE CHARGE					99	133	65
500-306					MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES		75	75	00
					8958		10			44.79		

No. B 211615

CONTINUATION TOTAL

1757.50