

ORIGINAL

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

API NO. 15- _____ -175-21418 - 0000

County SEWARD
APPX. NE - NE - SW - SW Sec. 16 Twp. 33S Rge. 33 X W

Operator: License # 4549

2515' Feet from SX (circle one) Line of Section
1250' Feet from XW (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

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

Address P. O. BOX 351

Lease Name PHILLIPS 'A' Well # 2H

City/State/Zip LIBERAL, KANSAS 67905-0351

Field Name HUGOTON

Purchaser: ANADARKO TRADING COMPANY

Producing Formation CHASE

Operator Contact Person: J. L. ASHTON

Elevation: Ground 2842.1 KB --

Phone (316) 624-6253

Total Depth 2730 PBDT 2726

Contractor: Name: BIG 'A' DRILLING INC

Amount of Surface Pipe Set and Cemented at 678 Feet

License: 31572

Multiple Stage Cementing Collar Used? Yes X No

Wellsite Geologist: NA

If yes, show depth set _____ Feet

Designate Type of Completion X New Well _____ Re-Entry _____ Workover

If Alternate II completion, cement circulated from _____

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

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 - 17-96 JK
(Data must be collected from the Reserve Pit)

If Workover:

Chloride content 17000 ppm Fluid volume 400 bbls

Operator: _____

Dewatering method used NATURAL EVAPORATION

Well Name: _____

Location of fluid disposal if hauled offsite: _____

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. _____

Operator Name _____

Lease Name _____ License No. _____

1-4-95 1-7-95 3-31-95
Spud Date Date Reached TD Completion Date

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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 L. Marc Harvey
L. MARC HARVEY
Title DRILLING TECHNICAL ASSISTANT Date 5-3-95

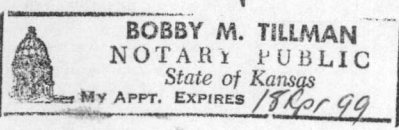
Subscribed and sworn to before me this 3 day of MAY, 19 95.

Notary Public _____

Date Commission Expires 18 April, 1999

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)



Operator Name ANADARKO PETROLEUM CORPORATION Lease Name PHILLIPS 'A' Well # 2H

Sec. 16 Twp. 33S Rge. 33 East West
 County SEWARD

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

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum HERRINGTON 2585 KRIDER 2614 WINFIELD 2703 TOWANDA 2189 FT. RILEY 2221
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" 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	
List All E.Logs Run: CCL-CBL-GR, DIL, CNL NGR.		

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12 1/4	8 5/8	24	678	PREM PLUS LT/ PREM CLASS C	180/150	2%CC' 2%CC.
PRODUCTION	7 7/8	5 1/2	15.5	2730	CLASS C/ CLASS C	270/40	20%D _{CD} , 2%CC, 1/4- #/SX FLC, / 10%D _{CD} , 2%CC, 1/4- #/SX FLC.

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	
2	2584-2602, 2614-2620	ACID: 1200 GAL 7-1/2% FEHCL, FRAC: 500GAL 25# LNR GLD 2% KCL WTR & 2500# 40/70 SD FRAC: 1200GAL 25# LNR GLD 2% KCL WTR & 27000 # 20/40 SD.	2584-2602' & 2614-2620'
2	2620-2640	ACID: 2000GAL 7 1/2% FEHCL. FRAC: 8500 GAL 25# LNR GLD 2% KCL WTR & 22000# 20/40 SD.	2620-2640'
2	2640-2686	NONE	

TUBING RECORD	Size 2-3/8	Set At 2558	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. FIRST PRODUCTION: 5-2-95		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas 135 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

Production Interval: Other (Specify) _____ 2584-2686' (OA)

BIG A DRILLING

P.O. Box 1856

Liberal, KS. 67905-1856

316-624-1904

ORIGINAL

DRILLERS' WELL LOG

WELL NAME: Phillips A2H
 Section 16/33S/33W
 Seward County, Kansas

COMMENCED: January 4, 1995

COMPLETED: January 8, 1995

OPERATOR: Anadarko Petroleum Corporation

RECEIVED
STATE CORPORATION COMMISSION

MAY 05 1995

CONSERVATION DIVISION
WICHITA, KANSAS

Depth		Formation	Remarks
From	To		
0	239	Grass roots & Surface Ground	Rig up & ran 17 jts. new 24# 8 5/8 CSG. Set @ 678.46 cement w/180 SX. Premium & Lite Class C, 35/65 Pozmix, w/2% CaCL2
239	658	Water Sand	6% Total Gel & 1/4#/SX Cellophane - tail
659	1089	Red Bed	w/120 SX Premium & Class C 2% CaCL2 +
1090	1240	Glorietta Sand	1/4#/SX. Cellophane. Plug Down @ 7:30 P.M.
1241	1629	Red Bed	1/4/95 by Halco
1630	1648	Anyhidrite	
1649	2164	Red Bed & Shale	Rig up & ran 64 jts. new 15.50# 5 1/2 CSG
2165	2730	Lime & Shale	Set @ 2730 cement w/200SX. Class C, 20% Diacel D, 2% CaCL2 + 1/4#/SX. Celloflake Tail w/40 SX Class C, 10% Diacel D, 2% CaCL2 + 1/4#/SX. Celloflake. Plug down @ 2:30 P.M. 1/8/95. Rig released @ 3:30 P.M. 1/8/95 by John Shilling

STATE OF KANSAS I, the undersigned, being duly sworn on oath, state that the above Drillers' Well Log is true and correct to the best of my knowledge and belief and according to the records of this

COUNTY OF SEWARD office.

BIG A DRILLING, LC

William Heskett

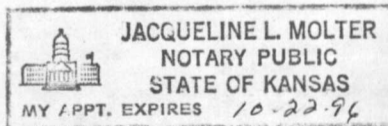
William Heskett, Toolpusher

Subscribed & sworn to before me this

12th Day of January, 1995

My Appointment Expires:

10-22-96



Jacqueline L. Molter

Jacqueline L. Molter, Notary Public
 P. O. Box 1597
 Liberal, KS 67905-1597

WELL DATA

FIELD _____ SEC 16 TWP 33S RNG 33W COUNTY Seward 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						
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-4-94</u>	DATE <u>1-4-94</u>	DATE _____	DATE _____
TIME <u>1200</u>	TIME <u>1400</u>	TIME _____	TIME _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
Float Collar		
Float shoe <u>insert no fill</u>		<u>CD</u>
Guide shoe <u>8 5/8 CMT fill</u>		<u>GA</u>
Centralizers <u>8 5/8 Comp</u>	<u>3</u>	<u>MU</u>
Bottom Plug		<u>PI</u>
Top Plug		
Head		<u>S</u>
Packer		
Other		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R Crist</u>	<u>38242</u>	<u>Liberal</u>
<u>D 7653</u>		
<u>R. Martinez</u>	<u>52947</u>	<u>II</u>
<u>G 2731</u>	<u>RCM</u>	
<u>D Hamilton</u>	<u>41515</u>	<u>Hugoton</u>
<u>G 3090</u>	<u>Bulk</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. _____
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

DEPARTMENT Cement
DESCRIPTION OF JOB 810

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE Ronald Crist

HALLIBURTON OPERATOR Ronald Crist COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>180</u>	<u>P+HLC</u>		<u>B</u>	<u>2% CC</u>	<u>2.05</u>	<u>12.3</u>
	<u>120</u>	<u>P+</u>		<u>B</u>	<u>2% CC</u>	<u>1.32</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. _____
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 66 BBL LC 28 TC
HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. 41 DISP
ORDERED _____ AVAILABLE _____ USED _____ REMARKS
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET 42 REASON Shoe Joint
Circulated Cement To Pit
2 BBL 2 SCKS

CUSTOMER: Avadarko PET
LEASE: Phillips "A"
WELL NO: 2-H
JOB TYPE: Surface
DATE: 1-4-94

JOB LOG HAL-2013-C

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
Awadarko Pet	2-H	Phillips A	010	706001

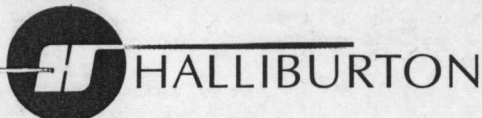
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							called out
	1400							on loc Drilling
	1730							Running casing
	1759							Hook To circulate
	1804							Circulating to pit
	1840							Hook iron To Truck
	1850	5.5	66				0-95	Pump Lead cmt
	1902	5	28				95	Pump Tail cmt
	1908	-	-					Drop plug Shut Down
	1910	4	30				95-200	Displacement
	1918	1.5	11				200-250	slow Rate
	1925						250-750	Bump Plug

ORIGINAL

RECEIVED
STATE OIL & INDUSTRIAL COMMISSION
MAY 05 1995
CONSERVATION DIVISION
WICHITA, KANSAS

Thank you for calling
Halliburton Energy Serv.

MSDS Sheet stapled
to Mr Barlow's copies



HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

CHARGE TO: Anadock Petroleum
 ADDRESS:
 CITY, STATE, ZIP CODE:

COPY

TICKET WP
 No. 706001 - **X**

PAGE 1 OF 2

1. <u>Liberal 025540</u>	WELL/PROJECT NO. <u>2-14</u>	LEASE <u>Phillips "A"</u>	COUNTY/PARISH <u>Seward</u>	STATE <u>Ks</u>	CITY/OFFSHORE LOCATION	DATE <u>1-4-94</u>	OWNER <u>Anadock</u>
2. <u>Hugoton 025535</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Big A Drilling</u>	RIG NAME/NO. <u># 1</u>	SHIPPED VIA <u>1425 Loc N Liberal</u>	DELIVERED TO	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4.	<u>02</u>	<u>01</u>	<u>010</u>		<u>11-22-330</u>		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>000-117</u>					MILEAGE	<u>20</u>	<u>mi</u>			<u>2.75</u>	<u>55.00</u>
<u>001-016</u>					<u>Pump Change</u>	<u>676</u>	<u>FT</u>	<u>6</u>	<u>hr</u>		<u>890</u>
<u>030-404</u>					<u>Top Plug SW</u>	<u>878</u>		<u>1</u>	<u>EG</u>		<u>130.00</u>
<u>350</u>	<u>890.10802</u>				<u>weld A</u>	<u>1</u>	<u>LB</u>	<u>1</u>	<u>EG</u>		<u>14.50</u>

ORIGINAL

RECEIVED
 STATE CORPORATION COMMISSION
 MAY 05 1995
 OIL & GAS DIVISION
 1100 EAST 12TH AVE
 TOPEKA, KANSAS 66603

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 Boulton

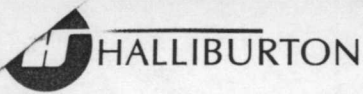
DATE SIGNED: 1-4-94 TIME SIGNED: 1830 A.M. P.M.

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		SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	1089 <u>150</u>
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?						
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					SUB-TOTAL	5160 <u>90</u>
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?						
TUBING SIZE	TUBING PRESSURE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?						
WELL DEPTH		ARE YOU SATISFIED WITH OUR SERVICE?		<input type="checkbox"/> YES <input type="checkbox"/> NO				
TREE CONNECTION	TYPE VALVE			<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) <u>Jim Boulton</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X Jim Boulton</u>	HALLIBURTON OPERATOR/ENGINEER <u>Ronald Cust</u>	EMP # <u>07052</u>	HALLIBURTON APPROVAL
---	--	---	-----------------------	----------------------



HALLIBURTON

HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

DUNCAN COPY

TICKET No. 706001

FORM 1911 R-10

10 PLC

CUSTOMER APC WELL Phillips #a DATE 1-4-94 PAGE OF

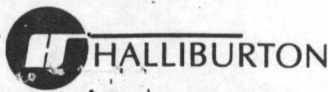
Table with columns: PRICE REFERENCE, SECONDARY REFERENCE/PART NUMBER, ACCOUNTING (LOC, ACCT, DF), DESCRIPTION, QTY, U/M, UNIT PRICE, AMOUNT. Rows include Premium Plus Cement, Premium Plus Light, Calcium Chloride 2%300sk, and SERVICE CHARGE.

ORIGINAL

RECEIVED STATE CORPORATION COMMISSION MAY 11 5 1995 CONSERVATION DIVISION

No. B 263441

CONTINUATION TOTAL 4071.40



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Mid- Continent
Liberal

BILLED ON TICKET NO. 705762

WELL DATA

FIELD _____ SEC. 16 TWP. 33S RING. 33W COUNTY SEWARD STATE KANSAS

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	~	15.5	5 1/2	0	2745	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <u>lural fit 5 1/2</u>	<u>1</u>	<u>Hallib</u>
GUIDE SHOE		
CENTRALIZERS <u>5.4 5 1/2</u>	<u>14</u>	
BOTTOM PLUG		
TOP PLUG <u>sw 5 1/2</u>	<u>1</u>	
HEAD		
PACKER		
OTHER		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-8-95</u>	DATE <u>1-8-95</u>	DATE <u>1-8-95</u>	DATE <u>1-8-95</u>
TIME <u>05:00</u>	TIME <u>08:00</u>	TIME <u>13:40</u>	TIME <u>14:45</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. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>K. Boone</u> <u>47841</u>	<u>40076</u>	<u>Liberal</u>
<u>T. Bohman</u> <u>87748</u>	<u>58823</u>	<u>"</u>
	<u>75324</u>	
<u>P. Boone</u> <u>69614</u>	<u>4449</u>	<u>Hugoton</u>
	<u>75507</u>	
<u>R. Anderson</u> <u>88213</u>	<u>3625</u>	
	<u>75817</u>	

STATE CORPORATION COMMISSION
 MAY 05 1995
 WICHITA, KANSAS

DEPARTMENT cement
 DESCRIPTION OF JOB cement 2745' of 5 1/2 casing
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE X John Shero
 HALLIBURTON OPERATOR K. Boone COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>270</u>	<u>PT</u>		<u>B</u>	<u>20 % Diad. D 2% CaCl 1/4 P/Flocl</u>	<u>2.69</u>	<u>12</u>
	<u>40</u>	<u>PT</u>		<u>B</u>	<u>10 % Diad. D 2% CaCl 1/4 P/Flocl</u>	<u>2.09</u>	<u>13</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET _____ REASON _____

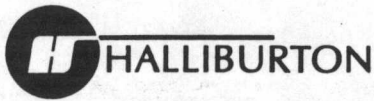
SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. 10/20/10 TYPE Kcl - mud flush
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 65
 CEMENT SLURRY: BBL.-GAL. 129-15
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

CUSTOMER Avardale
 LEASE Ph: 11:05 "A"
 WELL NO. 2-H
 JOB TYPE 5 1/2 L.S
 DATE 1-8-95



JOB LOG HAL-2013-C

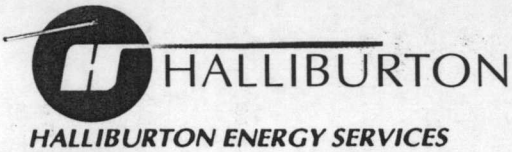
DATE 1-8-95 PAGE NO.

CUSTOMER Avadarko WELL NO. 2-H LEASE Phillips 'A' JOB TYPE 5 1/2 L.S. TICKET NO. 705762

Table with columns: CHART NO., TIME, RATE (BPM), VOLUME (BBL) (GAL), PUMPS (T, C), PRESSURE (PSI) (TUBING, CASING), DESCRIPTION OF OPERATION AND MATERIALS. Includes handwritten entries for operations like 'called out', 'on loc', 'Drop bottom Plug', 'Pump KCL water', 'Pump mud Flush', 'mix Lead cement', 'mix Tail cement', 'wash up to Pit', 'Drop Top Plug', 'START Displacement', 'slow Rate down', 'plug down', 'ok off. OK'.

ORIGINAL

RECEIVED STATE CORPORATION COMMISSION MAY 05 1995 CONSERVATION DIVISION WICHITA, KANSAS



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

COPY

TICKET **WP**

No. **705762 - 2**

PAGE **1** OF **2**

FORM 1906 R-13

SERVICE LOCATIONS 1. L BERA 025540	WELL/PROJECT NO. J-H	LEASE Phillips "A"	COUNTY/PARISH SEWARD	STATE KS	CITY/OFFSHORE LOCATION	DATE 1-8-95	OWNER ANADARKO
2. Hugoton 025535	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR B & A 203	RIG NAME/NO. 1	SHIPPED VIA	DELIVERED TO	ORDER NO.
3.	WELL TYPE 02	WELL CATEGORY 01	JOB PURPOSE C35	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT.	DF							
000-2117		1			MILEAGE	24	mi	1		2 ²⁵	66.00
001-016		1			Pump charge	2745	ft	1			1455.00
030-016		1			Top Rubber Plug	1	EA	5/2			60.00
26	847.6318	1			Insect fit shoe	11	EA	5/2			350.00
27	815.1931	1			Auto Fill-up Assy	1	EA	5/2			55.00
40	806.6002	1			centinizes	14	EA	5/2		60 ¹⁴	840.00
015-315		1			mud flush	1260	Gal			165	819.00
314-163		1			CLAY-Fix II	216	gal			24 ¹⁶³	48.00
030-017		1			Bottom Plug	1	EA	5/2			120.00

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 John Shoop**

DATE SIGNED: _____ TIME SIGNED: _____

A.M. P.M.

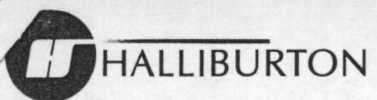
do do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL 3815.00
TYPE LOCK DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	<input checked="" type="checkbox"/>			
BEAN SIZE SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?	<input checked="" type="checkbox"/>			FROM CONTINUATION PAGE(S) 7349.90
TYPE OF EQUALIZING SUB. CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	<input checked="" type="checkbox"/>			
TUBING SIZE TUBING PRESSURE WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	<input checked="" type="checkbox"/>			SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 11,162.90
TREE CONNECTION TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				
<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) John Shoop	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X John Shoop	HALLIBURTON OPERATOR/ENGINEER Keith Boone	EMP # 4784	HALLIBURTON APPROVAL
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made in writing
Texas 776



HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

DUNCAN COPY

TICKET No. 705762

DC 26

CUSTOMER APC	WELL Phillips "A"	DATE 1-8-95	PAGE 2	OF 2
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FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
504-050	516.00265				Premium Plus Cement	310	sk			11.19	3468.90	
507-210	890.50071				Flocele	78	sk			1.65	128.70	
509-406	890.50812				Calcium Chloride	6	sk			36.75	220.50	
500-959	70.15524				Diacel-D 20%w/270 10%w/40	5452	LB			.42	2289.84	
ORIGINAL												
RECEIVED STATE CORPORATION COMMISSION MAY 05 1995 CONSERVATION DIVISION WICHITA, KANSAS												
500-207					SERVICE CHARGE							
500-306												
						CUBIC FEET						
						MILEAGE CHARGE						
						TOTAL WEIGHT						
						LOADED MILES						
						TON MILES						
										648	1.35	874.80
										386.54	.95	367.21

No. B 263458

CONTINUATION TOTAL 7349.90