

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

API NO. 15- 189-22001-00-00 **CONFIDENTIAL**

County STEVENS  
- - SW - NE Sec. 31 Twp. 33S Rge. 38 X W E

Operator: License # 4549

1980 Feet from NX (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

1980 Feet from EX (circle one) Line of Section

Address P. O. BOX 351

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

City/State/Zip LIBERAL, KANSAS 67905-0351

Lease Name DOWDY "A" Well # 1

Purchaser: ANADARKO TRADING COMPANY

Field Name GENTZLER SW

Operator Contact Person: J. L. ASHTON

Producing Formation MORROW

Phone ( 316 ) 624-6253

Elevation: Ground 3225.1 KB --

Contractor: Name: GABBERT-JONES DRILLING

Total Depth 6400 PBDT 6234

License: 5842

Amount of Surface Pipe Set and Cemented at 1726 Feet

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? X Yes      No

Designate Type of Completion  
X New Well      Re-Entry      Workover

If yes, show depth set 3073 Feet

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

If Alternate II completion, cement circulated from     

If Workover:

feet depth to      w/      sx cmt.

Operator:     

Drilling Fluid Management Plan ACT 1 DPW  
(Data must be collected from the Reserve Pit) 5-10-86

Well Name:     

Chloride content 1100 ppm Fluid volume 700 bbls

Comp. Date      Old Total Depth     

Dewatering method used NATURAL EVAPORATION

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

Location of fluid disposal if hauled offsite:     

10-15-95 10-28-95 11-7-95  
Spud Date Date Reached TD Completion Date

Operator Name     

Lease Name MAR 23 1998 License No.     

Quarter      Sec.      Twp.      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 David W. Kapple  
Title DIVISION DRILLING ENGINEER Date 11/27/95  
Subscribed and sworn to before me this 27<sup>th</sup> day of November, 19 95.  
Notary Public L. Marc Harvey  
Date Commission Expires 6-12-99

**L. MARC HARVEY**  
Notary Public - State of Kansas  
My Appt. Expires 6-12-99

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

**RECEIVED** Form ACO-1 (7-91)  
KANSAS CORPORATION COMMISSION  
12-1-1995  
DEC 01 1995

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name DOWDY "A" Well # 1

Sec. 31 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, DISFL, ML, SONIC, DIPMETER, SBT-CCL-GR.

Log  Sample

Formation (Top), Depth and Datums

Name	Top	Datum
B/STONE CORRAL	1726	
CHASE	2538	
COUNCIL GROVE	2868	
HEEBNER	4108	
LANSING	4252	
MARMATON	4944	
MORROW	5744	
CHESTER	6259	

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.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12.25	8.625	24	1726	MIDCON 2/ PREM PLUS	330/160	2%CC, 1/4#/SK FLC /SAME.
PRODUCTION	7.875	5.5	15.5	6234	VERSASET11 PPG/ 14.5 PPG	50/195	1/4#/SK FLC/2%KCL .6% HALAD 322, .9% VERSASET/SAME
			FO TOOL @	3073	MIDCON 2	90	2%CC, 1/4#SK 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
4	5936-5960'	NONE	

TUBING RECORD Size 2-7/8" Set At 5960 Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 11-12-95 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	54				

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

Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_ 5936-5960'

KCC

CONFIDENTIAL

GABBERT-JONES, INC.  
WICHITA, KANSAS

ORIGINAL

DRILLER'S WELL LOG

RELEASED

MAR 23 1998

WELL NAME: Dowdy A-1  
Sec 31-33S-38W  
Stevens County, Kansas

FROM CONFIDENTIAL

COMMENCED: October 15, 1995  
COMPLETED: October 28, 1995  
OPERATOR: Anadarko Petroleum Corporation

DEPTH		FORMATION	REMARKS
From	To		
0	650	Sand-Redbed	
650	1050	Redbed	Ran 42 jts of 24# 8 5/8" csg
1050	1190	Redbed-Gyp	set @ 1726' w/330 sks
1190	1405	Sand	Midcon 2 - 160 sks
1405	1726	Redbed-Gyp	Prem + Class C 2% CC
1726	1815	Anhy-Redbed-Shale	1/4# Floseal
1815	2505	Shale	PD @ 2:45PM 10/16/95
2505	6400	Lime-Shale	

6400' TD

KCC  
NOV 30  
CONFIDENTIAL

Ran 145 jts of 15 1/2# 5 1/2"  
csg set @ 6234' w/FO Tool  
@ 3073' - Cemented w/245  
sks Verset 6% Halid 322  
1/4# Cellophane Flakes  
PD @ 4:45AM 10/28/95  
RR @ 5:45AM 10/28/95

RECEIVED  
KANSAS CORPORATION COMMISSION

DEC 01 1995

CONSERVATION DIVISION  
WICHITA, KS

[STATE OF KANSAS]  
[COUNTY OF SEDGWICK]

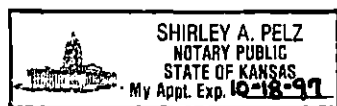
Subscribed and sworn to before me this  
1st day of November, 1995.

*Shirley A. Pelz*  
Shirley A. Pelz, Notary Public  
My commission expires:  
October 18, 1997

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

glog0001





# JOB SUMMARY

HALLIBURTON DIVISION mid continent Area  
 HALLIBURTON LOCATION Liberal ks.

BILLED ON TICKET NO. 681286

## WELL DATA

FIELD Gentzler SEC. 31 TWP. 33S RING. 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	<u>N</u>	<u>24</u>	<u>8 5/8</u>	<u>KB</u>	<u>1739</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

## JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-16</u> TIME <u>0745</u>	DATE <u>10-16</u> TIME <u>1000</u>	DATE <u>10-16</u> TIME <u>1356</u>	DATE <u>10-16</u> TIME <u>1445</u>

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT <del>collar</del> <u>Insert 8 5/8</u>	<u>1</u>	<u>H</u>
<del>collar</del> <u>Fill +46 8 5/8</u>	<u>1</u>	
GUIDE SHOE <del>KB</del> <u>8 5/8</u>	<u>1</u>	<u>0</u>
CENTRALIZERS <u>S4 8 5/8</u>	<u>5</u>	
<del>bottom plug</del> <u>Basket 8 5/8</u>	<u>1</u>	<u>W</u>
TOP PLUG <u>5W 8 5/8</u>	<u>1</u>	
HEAD <u>P.C. 8 5/8</u>	<u>1</u>	<u>U</u>
PACKER		
OTHER		<u>0</u>

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. Davis</u>	<u>420042</u>	<u>Liberal</u>
<u>F. 4550</u>	<u>P.U.</u>	<u>ks.</u>
<u>W. Fox</u>	<u>52823</u>	
<u>D. 4437</u>	<u>75374</u>	
<u>M. Longworth</u>	<u>50404</u>	<u>Huyotom</u>
<u>G. 9510</u>	<u>4734 BAK</u>	<u>ks.</u>
<u>D. Corpening</u>	<u>3625</u>	
<u>G. 2728</u>	<u>75237 BAK</u>	
	<u>NULL</u>	
	<u>NOV 30</u>	
	<u>CONFIDENTIAL</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. \_\_\_\_\_ 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 \_\_\_\_\_

RELEASED

MAR 23 1998

FROM CONFIDENTIAL

DEPARTMENT Cement  
 DESCRIPTION OF JOB Cement 8 5/8 SURFACE CSG.  
 JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
 CUSTOMER REPRESENTATIVE [Signature]  
 HALLIBURTON OPERATOR [Signature] COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	RECEIVED	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>330</u>	<u>mid con</u>		<u>B</u>	<u>2% cc Y4 #1st F10</u>	<u>ANSAS CORPORATION COMMISSION</u>	<u>3.22</u>	<u>11.1</u>
<u>1</u>	<u>160</u>	<u>rem t</u>		<u>B</u>	<u>2% cc Y4 #1st F10</u>		<u>1.32</u>	<u>14.8</u>

DEC 01 1995

CONSERVATION DIVISION VOLUMES WICHITA, KS

## PRESSURES IN PSI

## SUMMARY

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 42 REASON Shoe Joint

PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
 LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. 107 GAL. \_\_\_\_\_  
 CEMENT SLURRY 189 GAL. 37.6 T.C. \_\_\_\_\_  
 TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

## REMARKS

MSDS sheets in Doug House

CUSTOMER Anadarko  
 LEASE Dorsey  
 WELL NO. 1  
 JOB TYPE 8 5/8 SURFACE OIL  
 DATE 10-16-95

**JOB LOG** HAL-2013-C

CUSTOMER Anadarko	WELL NO. 1	LEASE DOWDY A	JOB TYPE 8 5/8 Surface CS2	TICKET NO. 881 286
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CHART NO.	TIME	RATE (GPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

	0745							Called out For Job
	1000							ON Location Rig still drilling
	1045							Rig T.O. Circ. on Bottom
	1055							Start out of Hole with D.P.
	1202							out of Hole with D.P. Bit UP CS2. TONGS.
	1230							Start Running 8 5/8 CS2 & F.E.
	1340							CS2 on Bottom
	1341							Hook up 8 5/8 P.C. & Circ. Iron
	1347							Break Circ. with Rig Pump
	1348							Circ. to Pit
	1354							Hook Iron to P.T.
22	1356	8.0	189				0 / 300	Start Pumping L.C. 11.1 #/991
4	1418	8.0	37				300 / 300	Start Pumping T.C. 14.8 #/991
	1422	0	0				0 / 0	Shut down Drop Plug
	1423	6.5	107.9				0 / 200	Start Disp.
	1430	6.5	107.9				200 / 200	5.5 bbls displaced. CMT to surface
9	1439	3.0	107.9				200 / 350	Slow Rate
4	1443	3.0	107.9				350 / 800	Land Plug
	1444	0	107.				800 / 0	Release Press. Floq+ Held.
	1445	0	0				0 / 0	Job over

ORIGINAL

CONFIDENTIAL

RELEASED

MAR 23 1998

FROM CONFIDENTIAL

NOV 30

CONFIDENTIAL

Thanks For calling  
Tyler was i crew

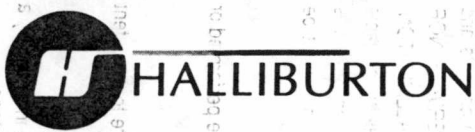
53 bbl CMT to surface  
925x CMT to surface ✓

3hrs 54 min Loc. Time  
49 min. Job Time

RECEIVED  
KANSAS CORPORATION COMMISSION

DEC 01 1995

CONSERVATION DIVISION  
WICHITA KS



**HALLIBURTON ENERGY SERVICES**

HAL-1906-N

CHARGE TO: *Anadarko*  
 ADDRESS: *PO Box 1000*  
 CITY, STATE, ZIP CODE: *Lawton, OK 73506*

CUSTOMER COPY

No. *1011*

TICKET

881288 - *12*

SERVICE LOCATIONS <i>1. 2255110</i> <i>2. 225535</i> <i>3.</i> <i>4.</i>	WELL/PROJECT NO. <i>1</i>	LEASE <i>Decoy</i>	COUNTY/PARISH <i>STEVENS</i>	STATE <i>OK</i>	CITY/OFFSHORE LOCATION <i>Reliance</i>	DATE <i>10/11/95</i>	OWNER <i>Spr...</i>
TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>Colbar STEVENS</i>	RIG NAME/NO. <i>Grand T 12</i>	SHIPPED VIA <i>4400</i>	DELIVERED TO <i>Location</i>	ORDER NO.	
WELL TYPE	WELL CATEGORY <i>01</i>	JOB PURPOSE <i>010</i>	WELL PERMIT NO.			WELL LOCATION <i>Grand</i>	
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

CONFIDENTIAL

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		U/M	U/M			
<i>005-117</i>	<b>RELEASED</b>	<i>1</i>			MILEAGE	<i>12</i>	<i>m</i>	<i>2</i>	<i>25</i>	<i>68.40</i>
<i>001-016</i>	<b>MAR 23 1995</b>	<i>1</i>			Pump change	<i>1739</i>	<i>EQ</i>	<i>6</i>	<i>220</i>	<i>1320.00</i>
<i>030-018</i>	<b>FROM CONFIDENTIAL</b>	<i>1</i>			5A repair	<i>1</i>	<i>EQ</i>	<i>8.5</i>	<i>309</i>	<i>1308.00</i>
<i>12A</i>	<i>825.217</i>	<i>1</i>			Genie shoe did not use	<i>1</i>	<i>EQ</i>	<i>8.5</i>	<i>2 W/C</i>	<i>17.00</i>
<i>24A</i>	<i>845.19502</i>	<i>1</i>			ERROR Floor	<i>1</i>	<i>EQ</i>	<i>8.5</i>	<i>171</i>	<i>1710.00</i>
<i>27</i>	<i>845.19415</i>	<i>1</i>			FILL 4660	<i>1</i>	<i>EQ</i>	<i>8.5</i>	<i>641</i>	<i>6410.00</i>
<i>41</i>	<i>506.61048</i>	<i>1</i>			Centralizer	<i>5</i>	<i>EQ</i>	<i>8.5</i>	<i>61</i>	<i>305.00</i>
<i>320</i>	<i>606.71460</i>	<i>1</i>			BASKAL	<i>1</i>	<i>EQ</i>	<i>8.5</i>	<i>124</i>	<i>1240.00</i>
<i>350</i>	<i>845.10802</i>	<i>1</i>			WPLCH	<i>1</i>	<i>EQ</i>	<i>1.16</i>	<i>26</i>	<i>26.75</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.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

*Jim Boulton*  
 DATE SIGNED: \_\_\_\_\_ TIME SIGNED: \_\_\_\_\_  
 A.M.  P.M.  
 do  do not require IPC (Instrument Protection).  Not offered

SUB SURFACE SAFETY VALVE WAS:  
 PULLED & RETURN  PULLED  RUN

TYPE LOCK \_\_\_\_\_ DEPTH \_\_\_\_\_  
 BEAN SIZE \_\_\_\_\_ SPACERS \_\_\_\_\_  
 TYPE OF EQUALIZING SUB. \_\_\_\_\_ CASING PRESSURE \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ TUBING PRESSURE \_\_\_\_\_ WELL DEPTH \_\_\_\_\_  
 TREE CONNECTION \_\_\_\_\_ TYPE VALVE \_\_\_\_\_

**SURVEY**  AGREE  UN-DECIDED  DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  
 WE UNDERSTOOD AND MET YOUR NEEDS?  
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?  
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?  
 ARE YOU SATISFIED WITH OUR SERVICE?  
 YES  NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	<i>2199</i>	<i>15</i>
FROM CONTINUATION PAGE(S)	<i>8841</i>	<i>197</i>
SUB-TOTAL		
APPLICABLE TAXES WILL BE ADDED ON INVOICE		

**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) <i>Jim Boulton</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>Jim Boulton</i>	HALLIBURTON OPERATOR/ENGINEER <i>4400</i>	EMP # <i>F4550</i>	HALLIBURTON APPROVAL
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HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

TICKET CONTINUATION

CUSTOMER COPY

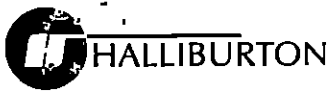
TICKET No. 881756

CUSTOMER: **Aradarko Petroleum Corp.** WELL: **Dowry "A" #1** DATE: **10-16-95** PAGE: **2** OF: **2**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-050	516.00265				Premium Plus Cement	160	sk			11.91	1905.60
504-282					Midcon Premium Plus Cement	330	sk			16.39	5408.70
507-285	70.15250					620	lb				
508-127	516.00335					6	sk				
507-210	890.05571				Floccul 1/2W/490	123	lb			1.65	202.95
509-406	890.50612				Calcium Chloride 225/ 890\$	9	sk			36.75	330.75
<p>ORIGINAL</p> <p>CONFIDENTIAL</p> <p>NOV 50</p> <p>CONFIDENTIAL</p> <p>RELEASED</p> <p>MAR 23 1998</p> <p>FROM CONFIDENTIAL</p> <p>RECEIVED</p> <p>KANSAS CORPORATION COMMISSION</p> <p>DEC 01 1995</p> <p>CONSERVATION DIVISION</p> <p>WICHITA, KS</p>											
500-207					SERVICE CHARGE	CUBIC FEET		533		1.35	719.55
500-306					MILEAGE CHARGE	TOTAL WEIGHT	48,143	LOADED MILES	12	TON MILES	274.42
										268.858	95

No. B 211861

CONTINUATION TOTAL 8841.97



# JOB SUMMARY

HALLIBURTON DIVISION LIBERAL, KSHALLIBURTON LOCATION LIBERAL, KSBILLED ON TICKET NO. 281240FIELD Geitzler SEC 31 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 6400

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>1515</u>	<u>5 1/2</u>	<u>9L</u>	<u>6234</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

## JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-27-95</u>	DATE <u>10-27-95</u>	DATE <u>10-28-95</u>	DATE <u>10-28-95</u>
TIME <u>1630</u>	TIME <u>2000</u>	TIME <u>0346</u>	TIME <u>0438</u>

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
<del>FLOAT COLLAR</del> <u>INSERT Float</u>	<u>1</u>	
FLOAT SHOE		
GUIDE SHOE	<u>1</u>	<b>RELEASED</b>
CENTRALIZERS	<u>16</u>	
BOTTOM PLUG		<b>MAR 23 1998</b>
TOP PLUG	<u>1</u>	
HEAD		
PACER <u>Basket</u>	<u>1</u>	<b>FROM CONFIDENTIAL</b>
OTHER		

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>W. Fox</u>	<u>04437</u>	<u>420042</u>
		<u>P.U.</u>
		<u>LIBERAL, KS</u>
<u>NTATE</u>	<u>E0568</u>	<u>75374</u>
		<u>RCM.</u>
		<u>"</u>
<u>Q. KINISTON</u>	<u>F4880</u>	<u>75237</u>
		<u>Bulk</u>
		<u>Hugoton, KS</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 \_\_\_\_\_

DEPARTMENT 5001-LEMENT

DESCRIPTION OF JOB 5 1/2 Long Strings

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

CUSTOMER REPRESENTATIVE X. J. ...

HALLIBURTON OPERATOR WES FOX

COPIES REQUESTED \_\_\_\_\_

### CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>50</u>	<u>REM. VERSASET</u>		<u>B</u>	<u>.6% HALAD 322 - 5% KCL - .9% VERSASET</u>	<u>3.3</u>	<u>11</u>
<u>2</u>	<u>195</u>	<u>REM. VERSASET</u>		<u>B</u>	<u>1/4" FLOCLE</u>		
					<u>.6% HALAD 322 - 5% KCL - .9% VERSASET</u>	<u>1.42</u>	<u>14.5</u>
					<u>1/4" FLOCLE</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 \_\_\_\_\_

### SUMMARY

PRESLUSH 70 TYPE \_\_\_\_\_

LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. 147.7

CEMENT SLURRY 29.4-49.3

TOTAL VOLUME: BBL.-GAL. 296.4

### VOLUMES

REMARKS SEE Job Log

MSDS with Co. Rep.

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

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

FEET 43.30 REASON SHOE JOINT

CUSTOMER ADDARCO PET CORP. LEASE Dowdy A WELL NO. 1 JOB TYPE 5 1/2 Long Strings DATE 10-27-95



**JOB LOG HAL-2013-C**

 CUSTOMER **Anadarko Pet. Corp.** WELL NO. **1** LEASE **Dowdy A** JOB TYPE **5 1/2 Long String** TICKET NO. **881240**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1630							Called out for 2030
	2000							ON Location - Rig LDDP
	2045							SETUP Co. Truck
	2050							SAFETY Meeting
	2200							OUT OF HOLE - TAKE OFF BOP - Rig up CASER:
	2345							Run 5 1/2 Casing & Floating Equip.
								FO tool on top of 73rd Jt.
	0155							Floating Equipment ON Pipe
	0245							Pipe on Bottom
	0250							Hook up to Circulate
	0252							BREAK Circulation - Pipe stuck
	0345							RELEASET Hook up to CEMENT
	0346	5	20				200	Pump 2% KCL SPACER
	0350	5	30				250	Pump Mud Flush
	0337	6	20				350	Pump 2% KCL SPACER
	0401	7 1/2	29.4				500	Mix 50 SX SCAVENGER CEMENT AT 11 P
	0406	7 1/2	49.3				500	Mix 195 SX AT 14.5 PPG
	0412							SHUT DOWN - WASH Pumps & LINES
	0415	7	147.7				150	Drop Top Plug & Displace CEMENT
	0435	6 2/3					800/600	Slow Rate Last 10 Bbl
	0438	3/0					800/1500	Plug Down - Float Held
								Job Complete
								Plug Landing PSF - 800 PSF
								Bump to 1500 PSF
								Thanks for calling
								Halliburton
								West crew
								RECEIVED
								CONSERVATION DIVISION
								DEC 01 1995
								CONSERVATION DIVISION

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CONSERVATION DIVISION

DEC 01 1995



**HALLIBURTON ENERGY SERVICES**

HAL-1906-N

CHARGE TO  
*ANADARKO Petroleum Corp.*

ADDRESS

CITY, STATE, ZIP CODE

CUSTOMER COPY

TICKET

No. **881240 - 8**

PAGE 1 OF

SERVICE LOCATIONS 1. <i>L. 60-09, KS 025540</i>	WELL/PROJECT NO <i>1</i>	LEASE <i>Dandy A</i>	COUNTY/PARISH <i>STEVENS</i>	STATE <i>KS</i>	CITY/OFFSHORE LOCATION <i>SILVERSBORO</i>	DATE <i>10-27-95</i>	OWNER <i>SAME</i>
2. <i>H. 100-03, KS 025535</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>Gibbert &amp; Jones</i>	RIG NAME/NO <i>Rig 12</i>	SHIPPED VIA <i>2.7</i>	DELIVERED TO <i>Location</i>	ORDER NO.
3.	WELL TYPE <i>01</i>	WELL CATEGORY <i>01</i>	JOB PURPOSE <i>035</i>	WELL PERMIT NO.	WELL LOCATION <i>31-335-38w</i>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		U/M	U/M		
<i>001-117</i>		<i>1</i>			<i>MILEAGE 75374</i>	<i>1 EA</i>	<i>15 mi.</i>	<i>285</i>	<i>42</i>
<i>01-016</i>		<i>1</i>			<i>Pump Charge</i>	<i>6 hrs</i>	<i>6234 hrs.</i>		<i>2000</i>
<i>030-018</i>		<i>1</i>			<i>Swiper Top Plug</i>	<i>1 EA</i>	<i>5'2"</i>		<i>65</i>
<i>12A</i>	<i>825,208</i>	<i>1</i>			<i>Regular Guide Shoe</i>	<i>1 EA</i>			<i>1210</i>
<i>24A</i>	<i>815,19251</i>	<i>1</i>			<i>Insert Filter</i>	<i>1 EA</i>			<i>110</i>
<i>27</i>	<i>815,19311</i>	<i>1</i>			<i>F. 1140</i>	<i>1 EA</i>			<i>69</i>
<i>40</i>	<i>806,60022</i>	<i>1</i>			<i>CONTRACTORS</i>	<i>16 EA</i>		<i>60 +</i>	<i>960</i>
<i>320</i>	<i>806,71430</i>	<i>1</i>			<i>BASKET</i>	<i>1 EA</i>			<i>104</i>
<i>018-315</i>		<i>1</i>			<i>mud flush</i>	<i>120 gal</i>			<i>811</i>
<i>314-163</i>		<i>1</i>			<i>Clay F. II</i>	<i>4 gal</i>		<i>28</i>	<i>112</i>
<i>001-018</i>		<i>1</i>							

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DEC 01 1995

CONSERVATION DIVISION  
WICHITA, KS

FROM CONFIDENTIAL

**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.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

**X** *[Signature]*

DATE SIGNED \_\_\_\_\_ TIME SIGNED \_\_\_\_\_

A.M.  P.M.

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

SUB SURFACE SAFETY VALVE WAS:  
 PULLED & RETURN  PULLED  RUN

TYPE LOCK \_\_\_\_\_ DEPTH \_\_\_\_\_

BEAN SIZE \_\_\_\_\_ SPACERS \_\_\_\_\_

TYPE OF EQUALIZING SUB. \_\_\_\_\_ CASING PRESSURE \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ TUBING PRESSURE \_\_\_\_\_ WELL DEPTH \_\_\_\_\_

TREE CONNECTION \_\_\_\_\_ TYPE VALVE \_\_\_\_\_

**SURVEY**  AGREE  UN-DECIDED  DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE?  
 YES  NO

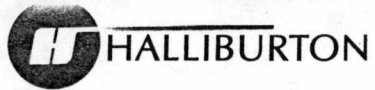
CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	<i>4432</i>
FROM CONTINUATION PAGE(S)	<i>5343</i>
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	<i>9746</i>

**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) <i>[Signature]</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <b>X</b> <i>[Signature]</i>	HALLIBURTON OPERATOR/ENGINEER <i>WES Fox</i>	EMP # <i>04437</i>	HALLIBURTON APPROVAL
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TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 981240

HALLIBURTON ENERGY SERVICES

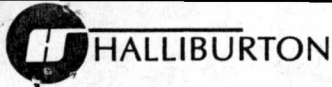
CUSTOMER Ardarko Petroleum Corp.	WELL Dowdy "A" #1	DATE 10 27 95	PAGE OF
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FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	WELL		DATE	UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	U/M			
504-043	516.00272				Premium Cement	245	sk		11.55	2829.75
507-210	890.50071				Floccale 1/4M/ 245	61	lb		1.65	100.65
507-775	516.00144				Flocc-322 .68M/ 245	138	lb		7.00	966.00
508-005	70.15302				Potassium Chloride 50M/ 245	700	lb		.27	189.00
508-005	516.00789				Versaset .93M/ 245	207	lb		3.90	807.30
<p>FROM CONFIDENTIAL</p> <p>RELEASED MAR 23 1998</p> <p>CONFIDENTIAL</p> <p>RECEIVED KANSAS CORPORATION COMMISSION DEC 01 1995 CONSERVATION DIVISION WICHITA KS</p> <p>NOV 30</p> <p>CONFIDENTIAL</p> <p>ORIGINAL</p>										
500-207					SERVICE CHARGE	CUBIC FEET				
500-306					MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES		
						24136	10	249	1.35	336.15
								120.68	.95	114.65

No. B 211881

CONTINUATION TOTAL 5343.25



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

LIBERAL KS

BILLED ON TICKET NO. 881297

## WELL DATA

FIELD Liberal SEC 31 TWP. 37S RNG. 38W COUNTY SIOUX 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	1		2 7/8	10	3033	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

## JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 11/11	DATE 11/11	DATE 11/11	DATE 11/11
TIME 11:15	TIME 11:15	TIME 11:15	TIME 11:46

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T. [unclear]	71300114	Liberal
[unclear]	811	Liberal
[unclear]	535511	Liberal
[unclear]	71400114	Liberal
[unclear]	3801	Liberal
[unclear]	423514	Liberal

NOV 30  
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ORIGINAL

## 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 Chemical

DESCRIPTION OF JOB Chemical then bubble pack casing  
right to top of well

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

CUSTOMER REPRESENTATIVE [Signature]

HALLIBURTON OPERATOR Lyne Davis COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	RELEASED	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	90	midcon			2 7/8" 14" 110	MAR 23 1998	3.22	11.1

FROM CONFIDENTIAL

## 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

PRESLUSH: BBL.-GAL. 27 TYPE ECI 450

LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. \_\_\_\_\_

CEMENT SLURRY: BBL.-GAL. 516

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

## REMARKS

RECEIVED  
KANSAS CORPORATION COMMISSION

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CUSTOMER: Apodanko  
LEASE: Davis  
WELL NO.: 1  
JOB TYPE: Chemical  
DATE: 11-11-95

**JOB LOG HAL-2013-C**

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Anadarko		1		Dowdy "A"		CMT Post Closure		351297	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	0600							Called out for job	
	0915							on loc Kit tripping in hole with tubing.	
	1015							Hook tool to P.T.	
	1018							PS. test perforation	
	1021							CMT Post Closure	
	1041	4.0				0	650	Establish circ.	
	1047	4.0	17				650	17 bbl pumped into to pit	
	1050	4.0	516			150	500	27 bbl pumped start pumping in se	
								ream plus miscan 2% to 1/2 in diameter at 11.1 ft	
	1101	4.0	145			500	300	Then mixing start disp.	
	1103	4.0	14.5			200	500	10 bbl; displaced start lifting chrt	
	1105	0	14.5			500	300	then disp shot down close hole	
	1106	1.0				0	1500	PS. test tool	
	1115							Run in hole with 1 5/8 tubing	
	1119	3.0	30			0	500	Start Reversing out CMT	
	1131	0	30			500	0	then Reversing out check interval	
	1131							Run tubing to bottom	
	1315	3.0	4.7			0	250	Start pumping 200991 15% HCl to pickle thng.	
	1317	3.0	25.5			200	300	start displacing acid.	
	1329	2.5	35			0	250	Reverse out	
	1346	0	35			250	0	though Reversing out short pump	
	1346							Job over	
								Thanks For calling Tyce Review's crew	
								59 min 21 min Job Time 2 hr 11 min	

ORIGINAL NOV 30

CONFIDENTIAL

RELEASED

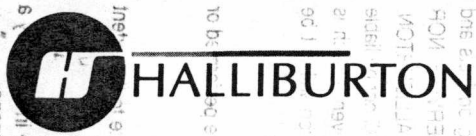
MAR 23 1998

FROM CONFIDENTIAL

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KANSAS CORPORATION COMMISSION

DEC 01 1995



# HALLIBURTON ENERGY SERVICES

HAL-1906-N

### SERVICE LOCATIONS

- 25540
- 25525
- 
- 

### REFERRAL LOCATION

CHARGE TO: **Amador 110**

ADDRESS: \_\_\_\_\_

CITY, STATE, ZIP CODE: \_\_\_\_\_

### CUSTOMER COPY

TICKET **881297 - X**

No. \_\_\_\_\_

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

DATE: **1/10/99**

OWNER: **SAME**

ORDER NO. \_\_\_\_\_

WELL LOCATION: **Land**

WELL/PROJECT NO. <b>1</b>	LEASE <b>Dowdy 1A</b>	COUNTY/PARISH <b>Stevens</b>	STATE <b>MS</b>	CITY/OFFSHORE LOCATION <b>Fisher</b>	DATE <b>1/10/99</b>	OWNER <b>SAME</b>
TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <b>Amador 110</b>	RIG NAME/NO. _____	SHIPPED VIA <b>Howell</b>	DELIVERED TO <b>Boonville</b>	ORDER NO. _____
WELL TYPE <b>DI</b>	WELL CATEGORY _____	JOB PURPOSE _____	WELL PERMIT NO. _____	WELL LOCATION <b>Land</b>		
REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-118		1			MILEAGE	10		25		2.57	25.70
009-014		1				3003		6		4.66	1399.00
001-004		1			HCB	200		1		1.34	268.00
210-017		1			DR	1		3		3.90	3.90
<b>CONFIDENTIAL</b>											

RECEIVED  
CORPORATION COMMISSION  
DEC 07 1995

**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.

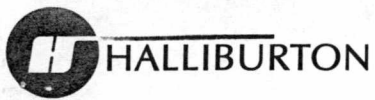
SUB SURFACE SAFETY VALVE WAS:		<input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		SURVEY		UN-DECIDED	DIS-AGREE
TYPE LOCK	DEPTH			OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?		PAGE TOTAL <b>1954.00</b>	
BEAN SIZE	SPACERS			WE UNDERSTOOD AND MET YOUR NEEDS?		FROM CONTINUATION PAGE(S) <b>17</b>	
TYPE OF EQUALIZING SUB	CASING PRESSURE			OUR SERVICE WAS PERFORMED WITHOUT DELAY?		SUB-TOTAL	
TUBING SIZE	TUBING PRESSURE	WELL DEPTH			WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?		APPLICABLE TAXES WILL BE ADDED ON INVOICE
TREE CONNECTION	TYPE VALVE			ARE YOU SATISFIED WITH OUR SERVICE?		EMP # <b>RUS50</b>	
1 <input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered				<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND		HALLIBURTON APPROVAL	

**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) \_\_\_\_\_

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) **X** \_\_\_\_\_

HALLIBURTON OPERATOR/ENGINEER \_\_\_\_\_ EMP # \_\_\_\_\_



TICKET CONTINUATION

DUNCAN COPY

TICKET No. 881297

HALLIBURTON ENERGY SERVICES

CUSTOMER APC

WELL Dowby

DATE 11-4-95

PAGE 2 OF 2

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504232					Mikon	90	SK			16.32	1475.10
504265	516 00265					90	SK				
507285	7215250					147	KB				
508127	516 00335					2	SK				
507910	840 50071				Flt 41#	23	KB			1.35	37.25
501406	890 50412				Calcium Chloride 190	2	SK			36.25	73.20
<p>RELEASED MAR 23 1998 FROM CONFIDENTIAL</p> <p>ORIGINAL CONFIDENTIAL</p> <p>NOV 30 CONFIDENTIAL</p> <p>RECEIVED KANSAS CORPORATION COMMISSION DEC 07 1995 CONSERVATION DIVISION WICHITA, KS</p>											
500207					SERVICE CHARGE					1.35	135.00
500316					MILEAGE CHARGE					95	75.00
					TOTAL WEIGHT						
					LOADED MILES						
					CUBIC FEET						
					TON MILES						

No. B 211909

CONTINUATION TOTAL

1796.55