

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- 129-21398-00-00

County MORTON

-30'S- C - W/2 Sec. 20 Twp. 33S Rge. 40 X W ^E

2610 Feet from X (S) (circle one) Line of Section

1320 Feet from X (S) (circle one) Line of Section

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

Lease Name DAVISON "A" Well # 3

Field Name CIMARRON VALLEY

Producing Formation KEYES

Elevation: Ground 3308.3 KB --

Total Depth 5900 PBDT 5730

Amount of Surface Pipe Set and Cemented at 1535 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 2865 Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan ART 1 5-10-98
(Data must be collected from the Reserve Pit) DPW

Chloride content 500 ppm Fluid volume 700 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite: RUL

Operator Name DEC 4

Lease Name CONFIDENTIAL License No. CONFIDENTIAL

 Quarter Sec. Twp. S Rng. E/W

County Docket No.

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 DRILLING

License: 5842

Wellsite Geologist: NA

Designate Type of Completion
 New Well Re-Entry Workover

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

If Workover: **RELEASED**

Operator:

Well Name: **FEB 6 1997**

Comp. Date Old Total Depth

Deepening Re-perf. **FROM CONFIDENTIAL**
 Plug Back PBDT
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

08-30-95 09-10-95 10-06-95
Spud Date Date Reached TD Completion Date

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

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

Signature David W. Kapple
DAVID W. KAPPLE
Title DIVISION DRILLING ENGINEER Date 12/3/95

Subscribed and sworn to before me this 3rd day of December 19 95.

Notary Public Freda L. Hinz

Date Commission Expires

FREDA L. HINZ
Notary Public - State of Kansas
My Appt. Expires 5-15-99

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"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

Form ACO-1 (7-91)

RECEIVED
STATE CORPORATION COMMISSION

DEC - 6 1995
12-6-95
CONSERVATION DIVISION
Wichita, Kansas

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name DAVISON "A" Well # 3

Sec. 20 Twp. 33S Rge. 40 East West
 County MORTON

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, LS SONIC, BHC SONIC, SBT-CCL-GR.
 DST #1-FAILED.

Log Formation (Top) Depth and Datums Sample

Name	Top	Datum
B/STONE CORRAL	1550	
CHASE	2262	
COUNCIL GROVE	2558	
TOPEKA	3220	
LANSING	3797	
MARMATON	4434	
MORROW	5110	
CHESTER	5632	
STE. GENEVIEVE	5666	
ST. LOUIS	5810	

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	1535	MIDCON 2/ PREM PLUS	310/160	2%CC, 2% CALSEAL 2% ECONOLITE/ 2%CC, 1/4#SK FLC
PRODUCTION	7.875	5.5	15.5	6234	VERSASET11 PPG/ 14.5 PPG	50/190	1/4#/SK FLC, 2%KCL .6% HALAD 322, .9% VERSASET, 2%CC

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	5830-5846, CIBP @ 5730.	NONE	
2	5620-5632	ACID: 1200 GAL 7-1/2% FEHCL.	5620-5632

TUBING RECORD Size 2-3/8" Set At 5598 Packer At _____

Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 11-22-95 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		420			

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) _____ 5620-5632

KCC

GABBERT-JONES, INC.
WICHITA, KANSAS

ORIGINAL

DRILLER'S WELL LOG

WELL NAME: Davison A-3
Sec 20-33S-40W
Morton County, Kansas

CONFIDENTIAL

COMMENCED: August 30, 1995
COMPLETED: September 12, 1995
OPERATOR: Anadarko Petroleum Corporation

15-129-21398

DEPTH		FORMATION	REMARKS
From	To		
0	600	Sand-Redbed	
600	1085	Redbed	Ran 38 jts of 24# 8 5/8" csg
1085	1273	Sand	set @ 1535' Cemented w/310 sks
1273	1470	Redbed-Gyp	Midcon-2 160 sks
1470	1536	Redbed-Gyp-Anhy	Prem Plus
1536	1695	Anhy-Redbed-Shale	PD @ 12:00PM 08/31/95
1695	2430	Shale	
2430	5900	Lime-Shale	

5900' TD

KCC

RELEASED

DEC 4

FEB 6 1997

CONFIDENTIAL

FROM CONFIDENTIAL

Ran 137 jts of 15 1/2 #
5 1/2" csg set @ 5884'
FO Tool @ 2865'
Cemented w/50 sks Veasaset
Hold-322 - 240 sks
Veasaset 1/4 # Flocello
PD @ 1:45AM 09/12/95
RR @ 2:45AM 09/12/95

[STATE OF KANSAS]
[COUNTY OF SEDGWICK]

Subscribed and sworn to before me this
13th day of September, 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

WELL DATA
 FIELD Cimarron Valley SEC 20 TWP 33s RING 40w COUNTY Moston 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	1549	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>INSERT/Fillup</u>	1	<u>Holco</u>
FLOAT SHOE		
GUIDE SHOE <u>Reg</u>	1	
CENTRALIZERS <u>S-4</u>	5	
BOTTOM PLUG		
TOP PLUG <u>SW</u>	1	
HEAD <u>P.L. (M.E.)</u>	1	
PACKER <u>Basket</u>	1	
OTHER <u>Weld A</u>	1	

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>8-31-95</u>	DATE <u>8-31-95</u>	DATE <u>8-31-95</u>	DATE <u>8-31-95</u>
TIME <u>0510</u>	TIME <u>0800</u>	TIME <u>1102</u>	TIME <u>1155</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Tom Poyer</u>	<u>420044</u>	<u>Liberal, ks</u>
<u>Mark Allison</u>	<u>#48130</u>	<u>" "</u>
<u>Shawn Porter</u>	<u>#62275</u>	<u>" "</u>
<u>John Wilson</u>	<u>#69613</u>	<u>Hopewell, ks</u>
<u>#442</u>	<u>#5257</u>	<u>" "</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ B/GAL. API _____
 DISPL. FLUID _____ DENSITY _____ LB/GAL. API _____
 PROP. TYPE _____ SIZE _____ LB. _____
 PROP. TYPE _____ SIZE 6 1997 LB. _____
 ACID TYPE _____ GAL. _____ % _____
 ACID TYPE _____ GAL. _____ % _____
 ACID TYPE _____ GAL. _____ % _____
 SURFACTANT TYPE _____ GAL. _____ IN _____
 NE AGENT TYPE _____ GAL. _____
 FLUID LOSS ADD. TYPE _____ GAL.-LB. _____
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN _____
 FRIC RED. AGENT TYPE _____ GAL.-LB. _____ IN _____
 BREAKER TYPE _____ GAL.-LB. _____ IN _____
 BLOCKING AGENT TYPE _____
 PERFFAC BALLS TYPE _____
 OTHER _____
 OTHER _____

CONFIDENTIAL DEC 4
CONFIDENTIAL

DEPARTMENT CEMENT
 DESCRIPTION OF JOB SET SURFACE PIPE
 JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN
 CUSTOMER REPRESENTATIVE X John Skree
 HALLIBURTON OPERATOR Tom Poyer COPIES REQUESTED 2

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU FT./SCK	MIXED LBS GAL
	<u>310</u>	<u>Pt Midcon</u>		<u>B</u>	<u>2% CC, 1/4% sk Floccle</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 Floccle</u>	<u>1.34</u>	<u>14.8</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 _____
 PLACING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 TEST 39 REASON Shoe Joint

SUMMARY

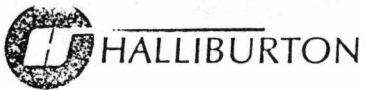
PRESLUSH BBL-GAL _____ TYPE _____
 LOAD & BKON BBL-GAL _____ PAD BBL-GAL _____
 TREATMENT BBL-GAL _____ DISPL. (BBL) GAL 9 1/2
 CEMENT SLURRY (BBL) GAL 177.7 + 38.2
 TOTAL VOLUME BBL-GAL 9
REMARKS
MS. DS E G+J #12
Cement to surface!

LEASE # 11101500
 WELL NO. 11
 JOB TYPE: 010
 DATE 8-31-95

JOB LOG - HAL-2013-C

CUSTOMER ANADARKO	WELL NO. #3	LEASE DAYISON "A"	JOB TYPE 010	TICKET NO. 812180
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0510							Called out — Requested "Now"
	0800							On Location — Drilling
	0850							T.O.H. — out out Bulk tank
	0940							Runi csg. 8 7/8" @ 1547 feet
	1040							On Bottom
	1045							Hook-up to Circulate ORIGINAL
	1047							Circulation Breaks — SAFETY MEETING
	1059							Hook-up to cement
	1102	0-6 1/2	199.9		✓		↑ 0/200	Pump lead out.
	1129	6 1/2	38.2		✓		200	Pump tail out
	1135	6-0			✓		↓ 200/0	Shut Down — Drop plug.
	1137	0-5	96		✓		↑ 0/400	Pump Displacement — wash-up tank.
	1155	5-3			✓		↑ 1100/350	REDUCE RATE
	1155	3-0			✓		↑ 350/1100	Plug Down.
					✓		↓ 1100/0	RELEASE PRESS. — Float "hold"
								Release from Location
								Cement to surface
								Approx. #55 bbls or 96 sks
								DEC 4
								CONFIDENTIAL
								THANK you!
								Tom & crew
								RELEASED
								FEB 6 1997
								FROM CONFIDENTIAL
								RECEIVED
								STATE CORPORATION COMMISSION
								DEC - 6 1995
								CONSERVATION DIVISION
								Wichita, Kansas



TICKET CONTINUATION

DUNCAN COPY

HALLIBURTON ENERGY SERVICES

CUSTOMER APC

WELL D...

DATE No. 12-2-95

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-080	5410010				Propane Plus Cement	120					
504-232					Mudcap	300					
504-100	5410015				Mudcap	300					
507-237	5410015					350					
507-107	5410015					3					
507-110	5410015				Flare #1 / 170-18	113					
500-001	5410015				Concrete Cement 14 / 170-18	9					
500-207											
500-210											
					SERVICE CHARGE						
					MILEAGE CHARGE						
					TOTAL WEIGHT						
					LOADED MILES						
					CUBIC FEET						
					TON MILES						

ORIGINAL

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FEB 6 1997

FROM CONFIDENTIAL

RECEIVED STATE CORPORATION COMMISSION

DEC 20 1995

CONSERVATION DIVISION Wichita Kansas

No. B 211762

CONTINUATION TOTAL



HALLIBURTON ENERGY SERVICES

HAL-1906 N

CHANGE TO ADDRESS: **ANADARKO**
 CITY, STATE, ZIP CODE:

No. **412400-18**

1. SERVICE LOCATIONS 25570	WELL/PROJECT NO 3	LEASE DAYISON "A"	COUNTY/PARISH Morton	STATE Ks	CITY/OFFSHORE LOCATION Rolla	DATE 6-30-95	OWNER
2. SERVICE LOCATIONS 25535	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR Gibbert & Jones	RIG NAME/NO. 12	SHIPPED VIA HES	DELIVERED TO Williams	ORDER NO.
3.	WELL TYPE 01	WELL CATEGORY 01	JOB PURPOSE 010	WELL PERMIT NO.	WELL LOCATION LAND (20-30-40)		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
005-117					MILEAGE	EA	110	MI	2.75	302.50	
001-016					Pump Charge	6	hrs	15.77	ft	94.62	
030-018					Top plug	1	EA	8 5/8	EA	150.00	
12A	825, 217				Guide Shoe	1	EA	8 7/8	in	217.00	
124A	815, 19502				Insert	1	EA	8 7/8	in	195.00	
27	815, 19415				Fill-up	1	EA			194.15	
40	806, 61048				Centralizers	5	EA	8 5/8	in	1525.00	
320	806, 71460				BASKET	1	EA	8 7/8	in	127.00	
350	890, 10802				Weld A	1	TR	1	lb	16.00	

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.

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
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	11
FROM CONTINUATION PAGE(S)	81045
SUB-TOTAL	11247.50
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)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
	X <i>[Signature]</i>	<i>Tom Payne</i>	18120	



HALLIBURTON

JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Mid-Continent
Liberal

LMIT
BILLED ON TICKET NO. 811973

WELL DATA

FIELD _____ SEC 20 TWP. 33S RING. 40W COUNTY Morton 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	N	15.5	5 1/2	0	5899	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 9-11-95	DATE 9-11-95	DATE 9-12-95	DATE 9-12-95
TIME 15:30	TIME 18:30	TIME 00:45	TIME 01:45

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>Ry 5 1/2</u>	<u>1</u>	<u>Hallib</u>
CENTRALIZERS <u>5-4 5 1/2</u>	<u>16</u>	
BOTTOM PLUG		
TOP PLUG <u>sw 5 1/2</u>		
HEAD		
PACKER <u>basket</u>	<u>1</u>	
OTHER <u>1 uspat 5/11</u>	<u>1</u>	

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
K. Boone	47841	Liberal
N. Tate	E0568	"
Dale	F4880	Hugoton
		Null
		DEC 4
		CONFIDENTIAL

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE 6 1997 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. _____ STATE CORPORATION COMMISSION

GELLING AGENT TYPE _____ GAL.-LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL. _____ IN

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT Cement

DESCRIPTION OF JOB Cement 5899' of 5 1/2" casing

F.O. Tool @ 2865'

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

CUSTOMER REPRESENTATIVE X Job Shieff

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>290</u>	<u>P versant</u>		<u>B</u>	<u>.9 Uersant .6% Halad-322, 5% KCL</u> <u>1/4" Flocel</u>	<u>1.42</u>	<u>14.5</u>

SUMMARY

PRESSURES IN PSI _____ VOLUMES _____

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL. 20-30-30 TYPE KCL - mud flush

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 140

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL. 73

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 12 REASON shoe bit

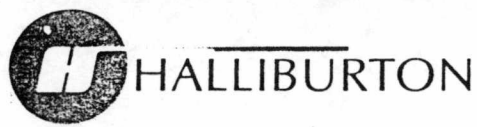
CUSTOMER: Hudak
LEASE: Davis
WELL NO.: 3
JOB TYPE: 5 1/2" L.S.
DATE: 9-11-95



JOB LOG HAL-2013-C

CUSTOMER ANADARKO Petr	WELL NO. 3	LEASE DAVISON "A"	JOB TYPE 5 1/2 L.S.	TICKET NO. 811973
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	15:30							called out Ready @ 19:30
	18:30							on loc. safety Meeting
	20:20							start running casing
								CONFIDENTIAL ORIGINAL
	00:45	6	20				200	Pump KCL water
	00:48	6	30				200	Pump mud flush
	00:53	6	20				200	Pump KCL water
	00:56	6	85				200	mix seawater cement
	00:59	6	60				200	mix cement
	01:15							wash up to pit
	01:17							release plug
	01:18							start displacement
		6						slow rate down
	01:45		140				1200	plug down
								ck sit o/c
								RECEIVED STATE CORPORATION COMMISSION
								DEC 5 1995
								CONSERVATION DIVISION Kansas
								Job Time 8 HR
								Pump Time 1 HR
								RELEASED
								FEB 6 1997
								FROM CONFIDENTIAL



HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: Lundata Peta
 ADDRESS:
 CITY, STATE, ZIP CODE:

DATE/TIME COPY:

TICKET

No.

811974-8

PAGE 1

SERVICE LOCATIONS 1. <u>1. boreal 025510</u> 2. <u>Hugolan 025535</u> 3. 4.	WELL/PROJECT NO. <u>3</u>	LEASE <u>Dawson A</u>	COUNTY/PARISH <u>Madison</u>	STATE <u>K3</u>	CITY/OFFSHORE LOCATION	DATE <u>9-11-95</u>	OWNER <u>11. ...</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>Bo-Bred & Jones</u>	RIG NAME/NO. <u>12</u>	SHIPPED VIA <u>Truck</u>	DELIVERED TO <u>loc</u>	ORDER NO.	
WELL TYPE <u>01</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>035</u>	WELL PERMIT NO.	WELL LOCATION			
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117	RELEASED FEB 6 1995 FROM CONFIDENTIAL	1			MILEAGE	50				2.22	111.00
001-016		1			Pump charge	5899					2000.00
030-016		1			Top Rubber Plug	1		5/2			60.00
015-315		1			mud flush	1260		Gal		45	57.00
314-143		1			CLA, F+II	3		Gal		11.33	34.00
12A	825 205	1	ORIGINAL		Grade shoe	1		EA	5/2		12.00
24A	815 19251	1			Insert 1/4 valve	1		EA	5/2		12.00
27	815 19415	1			Auto Fillup Assy	1		EA	5/2		55.00
40	806 60022	1			centralisers	16		EA	5/2	40.00	640.00
320	806 72030	1			central Basket	1		EA	5/2		20.00

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.

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

DATE SIGNED: 9-11-95 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

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?	AGREE	UN-DECIDED	DIS-AGREE
OUR SERVICE WAS PERFORMED WITHOUT DELAY?	AGREE	UN-DECIDED	DIS-AGREE
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	AGREE	UN-DECIDED	DIS-AGREE
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	11
FROM CONTINUATION PAGE(S)	25
SUB-TOTAL	10970.00
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)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
<u>John Smith</u>	<u>[Signature]</u>	<u>[Signature]</u>		

