

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

API NO. 15- 189-22021 **ORIGINAL**
County Stevens

NE - SW - SW - NE Sec. 11 Twp. 31S Rge. 35 **X**
2015 Feet from **N**X (circle one) Line of Section
2040 Feet from **E**X (circle one) Line of Section

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

Lease Name YOUNG "C" Well # 1
Field Name CUTTER

Producing Formation CHESTER
Elevation: Ground 2993.3 KB --

Total Depth 5798 PBSD 5695
Amount of Surface Pipe Set and Cemented at 1744 Feet

Multiple Stage Cementing Collar Used? X Yes No
If yes, show depth set 3269 Feet

If Alternate II completion, cement circulated from
feet depth to w/ sx cmt.

Drilling Fluid Management Plan Oct 1 6-6-96
(Data must be collected from the Reserve Pit) Lu

Chloride content 1900 ppm Fluid volume 700 bbls
Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite:

Operator Name
Lease Name License No.

 Quarter Sec. Twp. S Rng. E/W
County Docket No.

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: NONE-SHOW

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: BIG "A" DRILLING

License: 31572

Wellsite Geologist: NA

Designate Type of Completion
 New Well Re-Entry Workover

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

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

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

12-15-95 1-1-96 2-9-96
Spud Date Date Reached TD Completion Date

RELEASED

JUL 31 1997

FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

APR 15 1996

WICHITA, KANSAS

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 4/11/96

Subscribed and sworn to before me this 11th day of April 1996.

Notary Public L. Marc Harvey

Date Commission Expires

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

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)

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Operator Name - ANADARKO PETROLEUM CORPORATION

Lease Name

YOUNG "C"

Well #

1

Sec. 11 Twp. 31S Rge. 35

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, SONIC, GR-CAL, CBL.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
B/STONE CORRAL	1794	
CHASE	2510	
COUNCIL GROVE	2880	
HEEBNER	4039	
LANSING	4156	
MARMATON	4830	
MORROW	5356	
CHESTER	5544	
STE. GENEVIEVE	5679	
ST.LOUIS	5732	

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	23	1744	MIDCON 2/ PREM PLUS	320/160	2%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC
PRODUCTION	7.875	5.5	15.5	5766	VERSASET11PPG/ 14/5 PPG.	50/120	1/4#/SK FLC, 5%KCL .6% HALAD 322, 9% VERSASET
			F.O. TOOL @	3269	MIDCON 2	60	NEAT

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	5628-5640	ACID: 1500 GAL 7-1/2% FEHCL	5628-5640
		FRAC: 32980 GAL 40# BORAGEL & 130000#	
		16/30 SD.	

TUBING RECORD Size 2-3/8" Set At 5506 Packer At

Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. SLOW

Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	7		61		

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) _____

5628-5640

WELL DATA

FIELD _____ SEC 11 TWP. 31^S RNG. 35^W COUNTY Steubens 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 _____
PACKER TYPE _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH _____

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	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		23	8 3/4	KB		
LINER						
TUBING						
OPEN HOLE			12 1/4	6L	1734	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>8 3/4</u>		
Float Collar <u>Insert Float 23"</u>	1	Houco
Float Shoe <u>8 3/4</u>	1	
Guide Shoe <u>8 3/4</u>	1	
Centralizers <u>8 3/4</u>	5	
Bottom Plug		
Top Plug	1	
Head	1	RELEASED
Packer <u>Bucket</u>	1	
Other <u>Houco tool joint</u>	1	

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-17</u>	DATE <u>12-17</u>	DATE <u>12-17</u>	DATE <u>12-17</u>
TIME <u>1230</u>	TIME <u>1430</u>	TIME <u>1930</u>	TIME <u>2045</u>

PERSONNEL AND SERVICE UNITS		
NAME	UNIT NO. & TYPE	LOCATION
<u>Clayton</u>	<u>59179</u>	<u>Houston Ks</u>
<u>Belwood</u>	<u>52938 A</u>	<u>"</u>
<u>Al Longworth</u>	<u>04360</u>	<u>"</u>
<u>P. Sanders</u>	<u>69510</u>	<u>Houston Ks</u>
<u>(Army)</u>	<u>4461</u>	<u>"</u>
	<u>7205</u>	<u>"</u>

TREAT. FLUID _____ DENSITY _____ LB./GAL. API
DISPL. FLUID _____ DENSITY _____ LB./GAL. API
PROP. TYPE _____ SIZE _____
PROP. TYPE _____ SIZE _____
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
SURFACTANT TYPE _____ GAL. _____
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 _____

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APR 15 1996

DEPARTMENT COATED
DESCRIPTION OF JOB 9 3/4" S&W

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

CUSTOMER REPRESENTATIVE X Jim Seelow

HALLIBURTON OPERATOR Dennis Cooper COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>300</u>	<u>Mid Con</u>	<u>Prom Plus</u>		<u>3% CC 1/2 # Flocc</u>	<u>3.22</u>	<u>11.1</u>
	<u>100</u>	<u>Prom Plus</u>			<u>2% CC 1/2 # Flocc</u>	<u>1.32</u>	<u>14.8</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

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 142.20 REASON Shut in

PRESLUSH: BBL.-GAL. _____ TYPE _____
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 106.98
CEMENT SLURRY: BBL.-GAL. 221.12
TOTAL VOLUME: BBL.-GAL. _____

REMARKS

CUSTOMER: Anderson Pipe Line Lease
LEASE: Houco
WELL NO.:
JOB TYPE: 9 3/4" S&W
DATE: 12-17-95

JOB LOG HAL-2013-C

CUSTOMER <i>Amador Petroleum Corp</i>	WELL NO. <i>1#</i>	LEASE <i>Youngs C</i>	JOB TYPE <i>2 1/2" casing</i>	TICKET NO. <i>985993</i>
--	-----------------------	--------------------------	----------------------------------	-----------------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1230							Time Colled
	now							Time Ready
	1430							Time outloc. <i>Reg. Dly. Success Hbl.</i>
	1800							Start Pump Casing. ORIGINAL
	1930							Casing in Hole
	1930							Hookup To Circulate Casing.
	1938							Circulate Casing 1/2 Hr
	1940							Circulate Mud To Ground Level
	1948							Hookup To Pump Truck
	1950					350		Start Mixing Cement
	2014	6.3	183.5			280		Start Tail Cement
	2023		37.6			275		Finish Mixing Cement
	2024		221.12			275		Shut Down <i>Deep Plug</i>
	2025	6				75		Start Displacement
		5.315	106.98					<i>work. Pumps 7 Lines</i>
	2045					625		Plug Down
								Float Held

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APR 15 1996
GENERAL INVESTIGATION DIVISION

~~CONFIDENTIAL~~
8 BBL / 114 SIG
Thanks For Calling
Halliburton
Energy
Dennis Lane
Crew



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: Anadarko Petroleum Corp.
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

DUNCAN COPY

TICKET

880993 - 3

PAGE 1 OF 1

SERVICE LOCATIONS: 1. 25540 Lusk Ks
 2. 25535 Hogata Ks
 3. _____
 4. _____

WELL/PROJECT NO. 1# LEASE Young C COUNTY/PARISH Stevens STATE Ks CITY/OFFSHORE LOCATION _____ DATE 12-17-95 OWNER Husco/Ks Pet

TICKET TYPE SERVICE SALES NITROGEN JOB? YES NO CONTRACTOR _____ RIG NAME/NO. Big A Doby SHIPPED VIA _____ DELIVERED TO Loc ORDER NO. _____

WELL TYPE _____ WELL CATEGORY 01 03 JOB PURPOSE 010 8 1/8 Surface WELL PERMIT NO. _____ WELL LOCATION N of Wood's Ks

REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____

RELEASED

JUL 31 1997

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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117	ORIGINA	1			MILEAGE	68	Miles			2.85	193.8
000-119		1			Crane Mileage	68	Miles			1.50	102.4
001-016		1			Pump charge	1738	FT				1320.0
030-018		1			5 in Top Plug	1	Each		8 1/2	130.00	130.00
12 A		825-217	1		Guide shoe	23	Each		8 1/2	216.00	216.00
214 A		815-19508	1		Insert Float	1				195.00	195.00
27	815-19415	1		Fillup	1				64.00	64.00	
41	806-61048	1		Centralizers	5				61.00	305.00	
320	806-71460	1		Bracket	1				124.00	124.00	
350	890-10802	1		Hanna watch A	1	Each			16.75	16.75	

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 CORPORATION COMMISSION
 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

Jim Barlow
 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	2564.5
FROM CONTINUATION PAGE(S)	9132.7
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) Jim Barlow CUSTOMER OR CUSTOMER'S AGENT SIGNATURE Jim Barlow HALLIBURTON OPERATOR/ENGINEER Dennis Lane EMP # 59179 HALLIBURTON APPROVAL _____



JOB SUMMARY

HALLIBURTON DIVISION Midcontinent
 HALLIBURTON LOCATION LIBERAL, KS

BILLED ON TICKET NO. 881424

KCC

WELL DATA

FIELD CUTTER SEC. 11 TWP. 31 S RING. 35 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 _____ TOTAL DEPTH 5798'

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>15.5</u>	<u>5 1/2</u>	<u>KB</u>	<u>5782'</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-2-96</u>	DATE <u>1-2-96</u>	DATE <u>1-2-96</u>	DATE <u>1-2-96</u>
TIME <u>0330</u>	TIME <u>0700</u>	TIME <u>1537</u>	TIME <u>1700</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <u>INSERT</u>	<u>5/2</u>	<u>1</u>
GUIDE SHOE <u>REG</u>	<u>5/2</u>	<u>1</u>
CENTRALIZERS	<u>5/2</u>	<u>14</u>
BOTTOM PLUG		
TOP PLUG <u>5 W</u>	<u>5/2</u>	<u>1</u>
HEAD <u>P/C</u>	<u>5/2</u>	<u>1</u>
PACKER <u>BASKET</u>	<u>5/2</u>	<u>1</u>
OTHER <u>PORT COLLAR</u>	<u>1</u>	<u>BAKER</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Woodrow</u>	<u>62573</u>	<u>420044</u> <u>LIBERAL</u> <u>KS</u>
<u>T. Poyer</u>	<u>48120</u>	<u>53554</u> <u>75-164</u> <u>ADC</u> <u>124900</u> <u>" "</u>
<u>J. Adair</u>	<u>G3813</u>	<u>50866</u> <u>BULK</u> <u>17649</u> <u>HUGOTON</u> <u>KS</u>

CONFIDENTIAL

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API
 DISPL. FLUID _____ DENSITY _____ LB/GAL. API
 PROP. TYPE _____ SIZE _____ LB.
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. _____ RECEIVED
 ACID TYPE _____ GAL. STATE CORPORATION COMMISSION
 ACID TYPE _____ GAL. _____
 SURFACTANT TYPE _____ GAL. _____
 NE AGENT TYPE _____ GAL. _____ IN.
 FLUID LOSS ADD. TYPE _____ GAL. _____
 GELLING AGENT TYPE _____ GAL.-LB. _____
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN.
 BREAKER TYPE _____ GAL.-LB. _____ IN.
 BLOCKING AGENT TYPE _____ GAL.-LB. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

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FROM CONFIDENTIAL

DEPARTMENT CEMENT

DESCRIPTION OF JOB

CEMENT 5/8" PRODUCTION CASINGS

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

CUSTOMER REPRESENTATIVE X Job Shree

HALLIBURTON OPERATOR J. Woodrow

COPIES REQUESTED 2

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>770</u>		<u>PREMIUM</u>	<u>HILCO</u>	<u>B</u>	<u>.98 VERSASET .62 HILCO-322 .58 KCL 1/4 FROCKLE</u>	<u>1.42</u>	<u>14.5</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 41-32 REASON SHOE JOINT

SUMMARY

PRESLUSH (BBL) GAL. 70 TYPE _____
 LOAD & BKDN: BBL-GAL. _____ PAD: BBL-GAL. _____
 TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. 136.5
 CEMENT SLURRY (BBL) GAL. 580
 TOTAL VOLUME: BBL-GAL. _____

REMARKS

VOLUMES 2 1/2 KCL + MUD FLUSH

CUSTOMER ANADARKO PETROLEUM LEASE YOUNG C. WELL NO. _____ JOB TYPE 5 1/2" LONG STEELS DATE 1-2-96



JOB LOG HAL-2013-C

CUSTOMER: ANADARKO PET. WELL NO.: 1 LEASE: YOUNG C JOB TYPE: 5 1/2 LONG STRING TICKET NO.: 881424

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0700							JOB READY
	0330							CALLED OUT FOR JOB
	0700							Pump TRUCK ON LOCATION
	{ }							RIG LAYING DOWN DRILL PIPE - SET up pump TRUCK
	1030							D.P. LAYED DOWN
	1150							START RUNNING 5 1/2 CSG + FLOAT EQUIP
	1310							PLACE FO TOOL ON "SECT 3269"
	{ }							FINISH RUNNING CASING TO BOTTOM
	1430							CASING ON BOTTOM 5782'
	1455							HOOK UP 5 1/2 P/C + CIRCULATING IRON
	1500							START CIRCULATING WITH RIG PUMP
	1530							HOLD SAFETY MEETING
								THROUGH CIRCULATING - HOOK UP TO PUMP TRUCK
								• JOB PROCEDURE •
	1537	5.0	20				100/190'	pump 20 BBLs 2% KCL WATER
	1542	5.0	36				100/225'	pump 30 BBLs mud flush
	1555		20					pump 20 BBLs 2% KCL WATER
	1600	5.0	20				100/250'	START MIXING 50 SKS SCAVENGER GMT AT 11 1/2" / GAL
			38					TAIL END IN WITH 120 SKS MIXED AT 14.5 1/2" / GAL
	1612		580					THROUGH MIXING CEMENT - SHUT DOWN
	1612							WASH OUT PUMP + LINES - RELEASE PLUG
	1615	6.5						START DISPLACING WITH FRESH WATER
	1628		90.0				0"	HAVE 90 BBLs DISPLACED - CANNOT GET WATER FROM WATER TANK ONLY
								3/4 BPM / SLOW RATE DOWN TO 3/4 BPM
	1645		112.0				0/150'	HAVE 112 BBLs DISP / GETTING INCREASE IN PRESSURE. LIFTING GEMENT
							800'	MAX LIFT BEFORE LANDING PLUG
	1700		136.0				1200'	PLUG DOWN - RELEASE FLOAT
								FLOAT HELD
	1830							OFF LOCATION
								THANK YOU! CALL US AGAIN
								WOODY, TOM & CREW
								LOCATION TIME - 11.5 HRS
								PUMPING TIME - 1 HR 25 MIN

CONFIDENTIAL

STATE CORPORATION RECEIVED BY 7 1396

FROM CONFIDENTIAL



HALLIBURTON ENERGY SERVICES

HAL-1906-N

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

DUNCAN COPY

wp

No.

TICKET

881424 - 5

PAGE 1 OF 2

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JUL 31 1997

FROM CONFIDENTIAL

SERVICE LOCATIONS 1. 025540 LIBERAL 2. 015535 HUGOTON	WELL/PROJECT NO. 1	LEASE YOUNG "C"	COUNTY/PARISH STEVENS	STATE TX	CITY/OFFSHORE LOCATION CAME	DATE 1-2
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR R.G.A DRIG-1	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO WELL SITE	ORDER NO. S
REFERRAL LOCATION	WELL TYPE OIL-OIL	WELL CATEGORY DEVELOPMENT	JOB PURPOSE OBS - 5/8 LONG STAIN	WELL PERMIT NO.	WELL LOCATION LAND	

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING	DESCRIPTION	QTY.	U/M	UNIT PRICE	AMOUNT
000-117			MILEAGE	33	M.	2.85	188.10
001-016			PUMP CHARGE	5782	FT	2.0000	2000.00
030-016			5" W TOP PLUG	1	EA	60.00	60.00
018-315			MUD PULSH	1260	GAL	.65	819.00
314-163			CLA-FIX II	4	GAL	28.00	112.00
12A	825-205		REGULAR GUMSHOES	1	EA	121.00	121.00
24A	815-19251		INSERT FLOAT VALVE	1	EA	110.00	110.00
27	815-17311		FILL UP ASSY	1	EA	69.00	69.00
40	806-60022		CENTRALIZERS	14	EA	60.00	840.00
320	806-71430		BASKET	1	EA	104.00	104.00
001-018			ADDITIONAL HRS	4	HRS	235.00	N/C
			ADD. TRIP HRS	1	HRS	235.00	235.00

ORIGINAL

RECEIVED
 STATE CORPORATION COMMISSION
 APR 7 1996
 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

DATE SIGNED: *11-2-96*
 TIME SIGNED: *1000*
 A.M.
 P.M.

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	SURVEY <input checked="" type="checkbox"/> AGREE <input type="checkbox"/> UN-DECIDED <input type="checkbox"/> DIS-AGREE	PAGE TOTAL 4658 10
TYPE LOCK DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? <input checked="" type="checkbox"/>	FROM CONTINUATION PAGE(S) 3887 10
BEAN SIZE SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS? <input checked="" type="checkbox"/>	8547 20
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"/>	
TREE CONNECTION TYPE VALVE	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"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered	<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) <i>L.H. Hill</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>X John Hill</i>	HALLIBURTON OPERATOR/ENGINEER <i>J.H. Woodrow</i>	EMP # 62573	HALLIBURTON APPROVAL
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HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 00321

CUSTOMER AEC	WELL Young "C"	DATE 1-2-96	PAGE OF
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504043	516.00272				Premium Cement					11 55	1963 50
508095	516.00739				Versaset 9/10%	144	lb			3 00	561 00
507775	516.00144				Haled-322 6/10%	96	lb			7 00	672 00
508002	70.15302				NCL 5%	489	lb			27	132 03
507210	890.50071				Flo 1/4	43	lb			1 65	70 95
350	870-10702				Weld A	1	wt	1	lb	16 75	16 75
<p>ORIGINAL</p> <p>RECEIVED STATE CORPORATION COMMISSION APR 15 1996</p> <p>RELEASED APR 31 1997</p> <p>FROM CONFIDENTIAL</p> <p>CONFIDENTIAL</p>											
500207					SERVICE CHARGE						
500306					MILEAGE CHARGE						
					TOTAL WEIGHT	16,752					
					LOADED MILES	30					
					CUBIC FEET	173				1 35	233 55
					TON MILES	251.28				95	238 72

No. B 219580

CONTINUATION TOTAL

3889 10



JOB SUMMARY

HALLIBURTON DIVISION
LOCATION Liberal, KS

BILLED ON TICKET NO. 91975C

KOC

WELL DATA

FIELD 11111 SEC 11 TWP 31S RNG 35W 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 FO TOL SET AT 3264

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH POTD 5766

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING						
LINER						
TUBING	<u>N</u>	<u>47</u>	<u>2 7/8</u>	<u>KB</u>		
OPEN HOLE						SHOTS/FT. _____
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-20-96</u>	DATE <u>1-20-96</u>	DATE <u>1-20-96</u>	DATE <u>1-20-96</u>
TIME <u>1100</u>	TIME <u>1330</u>	TIME <u>1645</u>	TIME _____

TOOLS AND ACCESSORIES

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

CONFIDENTIAL

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Woodman 62523</u>	<u>920044</u>	<u>PH</u>
<u>T. Poyce 48126</u>	<u>53554/75TC-4</u>	<u>18700</u>
<u>K. Hedrick 112384</u>	<u>3301</u>	<u>Acid Dump</u>
<u>D. Corpening 42441</u>		
<u>Randy ABIA 55728</u>	<u>40092</u>	<u>LIBERAL KS</u>
<u>VERNON SLATTEN 41012</u>	<u>7610</u>	<u>Acid Sngl</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. API _____

DISPL. FLUID _____ DENSITY _____ LB./GAL. API _____

PROP. TYPE _____ SIZE _____ LB. _____

PROP. TYPE _____ SIZE _____ LB. _____

ACID TYPE FE GAL. 200 % 15

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 _____ GAL.-LB. _____ IN _____

OTHER 111-81 m initial for 1 gal

OTHER _____

DEPARTMENT STAFF

DESCRIPTION OF JOB Acid Treatment / American Note Control

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

CUSTOMER REPRESENTATIVE X J. P. Sl... 5100

HALLIBURTON OPERATOR J. Woodman

COPIES REQUESTED _____

RECEIVED
STAIN CORPORATION COMMISSION
APR 7 1996

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
		<u>Miscell</u>	<u>Udcon</u>	<u>B</u>	<u>NO CC</u>	<u>3.22</u>	<u>111</u>

RELEASED
MAY 31 1997
FROM CONFIDENTIAL

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRES LUSH (BBL) GAL. 20 TYPE FRESH WATER

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN. (BBL) GAL. _____ PAD: (BBL) GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: (BBL) GAL. _____ DISP. (BBL) GAL. 12.6

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY (BBL) GAL. 37

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: (BBL) GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____ CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

REMARKS

CUSTOMER Am-11111
LEASE Verona
WELL NO. 1
JOB TYPE Acid Treat / 111-81
DATE 1-20-96



JOB LOG HAL-2013-C

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
ANADARKO PETROLEUM		1		YOUNG C		Refract / Fract		919756	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	1400							JOB READY	ORIGINAL
	1400							called out for job	
	1330							PUMP TRUCK & EQUIPMENT ON LOCATION	
								RIS RUNNING IN 2 3/8 TUB - SET	
								UP PUMP TRUCK	
	1530							TUB AT PORT COLLAR 3269'	
								PUT B.O.P ON WELL HEAD	
	1640					500'	500'	PRESSURE TEST TUB CASING	
	1645							OPEN PORT COLLAR	
	1647	3.5				600'		TRIP INJECTION RATE 3 1/2 BBL @ 1000'/hr	
	{ }		200			600'		PUMP TO 200 BBL FRESH WATER INJECT -	
								HAVE SIGHT READ ON 3 1/2"	
	1658	3.5	340			600'		max 300 340 BBL @ 11.1' @ 3 1/2"	
	1705							START DISPENSING	
	1715							EMER DOWN - LEAK 1/2 BBL ON TOP	
	1719							CLOSE PORT COLLAR	
	1715					1000'	1000'	PRESSURE TEST TO 1000' @ 1000' /hr	
								RUN 2 SPS IN	
	1730	3.0	160					REVERSE OUT	
								GET 3 1/2 BBL EMER BACK	
	1735							SHUT DOWN	
								TOD LATE TO FINISH RUNNING TUB + PICKLE	
								ACID DOWN TUB	
								RE BACK AT 0930 1-22-96	
	0715							Called 1-22-96	
	0915							On Loc	RELEASED
	1000	2				300		Pump Acid	
	1003		212			320		End Acid	JUL 31 1997
	1003	2				320		Pump Flush	
	1012		887			300'		STOP Pumping	FROM CONFIDENTIAL
	1019	2.7				303		Rev out acid	
	1029	2.1	880			420		ACID TO PICK	
1174	1032		294			420'		STOP Pumping	



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO:

ADDRESS

CITY, STATE, ZIP CODE

Anadarko Petroleum

DUNCAN COPY

TICKET

No.

919756 - 2

1. SERVICE LOCATIONS <i>025540 LIBERAL</i>	WELL/PROJECT NO. <i>1</i>	LEASE <i>YOUNG C</i>	COUNTY/PARISH <i>STEVENS</i>	STATE <i>KS</i>	CITY/OFFSHORE LOCATION <i>N. Woods</i>	DATE <i>1-20-96</i>	OWNER <i>SAME</i>
2. SERVICE LOCATIONS <i>025535 HUSKINTON</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES	CONTRACTOR <i>BEST WELL SER</i>	RIG NAME/NO.	SHIPPED VIA <i>GT</i>	DELIVERED TO <i>WELL SITE</i>	ORDER NO.
	<input type="checkbox"/> SALES	<input checked="" type="checkbox"/> NO	WELL TYPE <i>01-OIL</i>	WELL CATEGORY <i>01-DEVELOPMENT</i>	JOB PURPOSE <i>205 PROGRAM / F.O. FUEL</i>	WELL PERMIT NO.	WELL LOCATION <i>LINCO</i>
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

RELEASED

JUL 3 1997

PAGE 1 OF 2
FROM CONFIDENTIAL

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1			MILEAGE	34	mi	2		2.85	193.80
000-119		1			CREW MILEAGE	34	mi	2		1.50	102.00
009-019		1			Pump CHARGE	576	ft			2.145	2,145.60
300-132		1			Body load DUMP TRUCK	34	mi	2		1.80	122.40
207001	201-004	1			FE Acid	200	gal	15%		1.56	312.00
210-017		1			HA: 21 m	1	gal			37.00	37.00
300-111					Mileage 1-22-96	68	miles			2.85	193.80
300-024					Pump CHARGE	1 ea		0-2500		675.00	675.00
307-772			75%		Compu-PAC	1 ea				660.00	660.00

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RECEIVED STATE CORPORATION (COMM. ISS.) APR 15 1996

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

DATE SIGNED: *X John Shea* 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?

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

FROM CONTINUATION PAGE(S)

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>John Shea</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>X John Shea</i>	HALLIBURTON OPERATOR/ENGINEER <i>John Woodman</i>	EMP # <i>62573</i>	HALLIBURTON APPROVAL
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HALLIBURTON

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 117736

HALLIBURTON ENERGY SERVICES

CUSTOMER APC	WELL Young C # 1	DATE 1-20-96	PAGE OF
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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							
504-282					Midcon Prem Plus	60				16.76	1005.60
504-050	516.00265										
507-285	51670.15250										
508-127	516.00335										
ORIGINAL											
CONFIDENTIAL											
RELEASED JUL 31 1997 FROM CONFIDENTIAL											
500-207					SERVICE CHARGE					1.35	85.05
500-306					MILEAGE CHARGE					.95	75.00
					TOTAL WEIGHT						
					5866						
					LOADED MILES						
					25						
					CUBIC FEET						
					63						
					TON MILES						
					73.32						

No. B 219661

CONTINUATION TOTAL 1165.05