

FORM MUST BE TYPED

ORIGINAL

SIDE ONE

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

API NO. 15- 175-21644-00-00
County SEWARD
NE - SW Sec. 8 Twp. 34 Rge. 31 X W

Operator: License # 4549

1980 Feet from X (S) (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

1980 Feet from X (W) (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 MCCLURE "J" Well # 1

Purchaser: NONE

Field Name ARKALON

Operator Contact Person: DAVID W. KAPPLE

Producing Formation NONE

Phone (316) 624-6253

Elevation: Ground 2511.0 KB

Contractor: Name: BIG "A" DRILLING

Total Depth 6200 PBDT 5865

License: 31572

Amount of Surface Pipe Set and Cemented at 1574 Feet

Wellsite Geologist: _____

Multiple Stage Cementing Collar Used? Yes X No

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

If yes, show depth set _____ Feet

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

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

If Workover:

Drilling Fluid Management Plan D+A 4-13-98 U.C.
(Data must be collected from the reserve pit)

Operator: _____

Chloride content 2700 ppm Fluid volume 700 bbls

Well Name: _____

Dewatering method used DRY, BACKFILL & RESTORE LOCATION

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

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

Operator Name _____

Lease Name _____ License No. _____

7-9-97 7-19-97 9-4-97
Spud Date Date Reached TD Completion Date

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

County _____ Docket No. _____

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

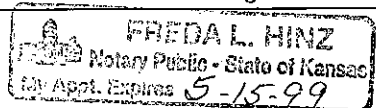
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature L. Marc Harvey
L. MARC HARVEY
Title DRILLING TECHNICAL ASSISTANT Date 11-11-97

Subscribed and sworn to before me this 11th day of December 19 97.

Notary Public Freda L. Hinz

Date Commission Expires _____



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)

SIDE TWO
10/19/50

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name MCCLURE "J" Well # 1

Sec. 8 Twp. 34 Rge. 31 East County SEWARD
 West

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: SBT-CCL-GR, DIL, CNL-LDT-ML.

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample		
Name	Top	Datum
CHASE	2414	
COUNCIL GROVE	2742	
HEEBNER	4126	
TORONTO	4166	
LANSING	4289	
MARMATON	4988	
CHEROKEE	5152	
MORROW	5540	
CHESTER	5700	
STE. GENEVIEVE	6013	
ST. LOUIS	6112	

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12-1/4"	8-5/8"	23.0	1514	P+ MIDCON 2/ P+	350/100	3%CC, 1/2%SK FLC/ 2%CC, 1/2%SK FLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	6099	VERSASET	180	.6% HALAD 322, 5% KCL, .9% VERSASET, 1/2%SK FLC/SAME

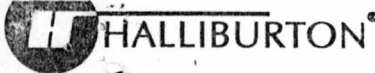
ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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	5876-5905, 5928-5938, 5944-5951, 5974-5991.		3500 GAL 7 1/2% FeHCL.
	CIBP @ 5865.			
2	5688-5692, 5716-5731, 5736-5742, 5748-5753,		ACID: 3000 GAL 7 1/2% FeHCL.	5688-5846 (OA)
	5762-5766, 5815-5818, 5837-5846.			
TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.		Producing Method. <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	N-A	N-A		

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____ NONE-D&A



JOB SUMMARY 4239-1

REGION North America	NWA/COUNTRY Mid Cont	TICKET # 236026	TICKET DATE 7-10-97
MBU ID / EMP # 110101 / 85257	EMPLOYEE NAME John Klott	BDA / STATE KS	COUNTY Seward
LOCATION Ashtarko Petro	COMPANY Cement	PSL DEPARTMENT Cement	CUSTOMER REP / PHONE
TICKET AMOUNT	WELL TYPE 21	API / UWI #	ORIGINAL
WELL LOCATION	DEPARTMENT Cement	JOB PURPOSE CODE 010	
LEASE / WELL # McCine I-1	SEC / TWP / RNG		

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
F. Chance							
R. Toepf							
R. Burton							
G. Humphries							

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
50737 6611							
50502 75505							
53554 73496							
450042							

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe	1	
Centralizers	4	
Bottom Plug		
Top Plug		
Head		
Packer Basket	1	
Other Insert	1	

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	ln
NE Agent	Gal.	ln
Fluid Loss	Gal/Lb	ln
Gelling Agent	Gal/Lb	ln
Fric. Red.	Gal/Lb	ln
Breaker	Gal/Lb	ln
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
7-9-97	7:30	7-10-97	7-10-97	7-10-97
7-9-97	7:30	7-10-97	10:52	11:25

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	24	8 7/8	KB	1530.22	1570.22
Liner					
Liner					
Tbg/D.F.					
Tbg/D.P.					
Open Hole					SHOTS/FT.
Perforations					
Perforations					
Perforations					

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				2 1/2 Surface
TOTAL		TOTAL		

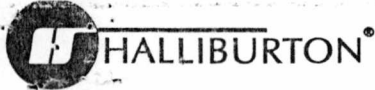
HYDRAULIC HORSEPOWER
 ORDERED _____ Avail. _____ Used _____
AVERAGE RATES IN BPM
 TREATED _____ Disp. _____ Overall _____
CEMENT LEFT IN PIPE
 FEET **42.11** Reason **Shut In**

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	350	Adcon P.P.	3	390 cc, 1/2 # flocc	3.22	11.1
2	100	Premix Plus	3	290 cc, 1/2 # flocc	1.52	11.5
3	100	Net				

Circulating	Displacement	Preflush:	Gal - BBI	Type
Breakdown	Maximum	Load & Bkdn:	Gal - BBI	Pad: BBI - Gal
Average	Frac Gradient	Treatment	Gal - BBI	Disp: BBI - Gal
Shut In: Instant	5 Min	Cement Slurr	Gal - BBI	
	15 Min	Total Volume	Gal - BBI	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____
THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER'S REPRESENTATIVE SIGNATURE _____



JOB LOG 4239-5

TICKET #	236026	TICKET DATE	11/17
BDA / STATE	KS	COUNTY	Wichita
PSL DEPARTMENT			
CUSTOMER REP / PHONE			
API / UWI #			
JOB PURPOSE CODE			

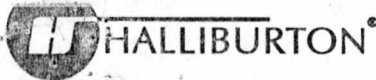
REGION	North America	NWA/COUNTRY	USA
MBU ID / EMP #		EMPLOYEE NAME	Joe Hunt
LOCATION		COMPANY	Wichita
TICKET AMOUNT		WELL TYPE	
WELL LOCATION		DEPARTMENT	
LEASE / WELL #		SEC / TWP / RNG	

ORIGINAL

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
E. Chance							
R. Teeple							
R. Burton							
G. Humphreys							

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
7-9-97	23:30							Call Out
7-10-97	4:30							On Location
	4:35							R.G. WPE Safety Meeting
	5:54							Run float equipment
	9:22							Drop Ball
	9:23							12000 Circulate P. pipe down hole 5.75' (Blow sand out)
	10:52	6	200.71			240		M.I.P. Pump Lead CMT @ 11.1
	11:23	6	23.50			230		Tail CMT @ 14.8
	11:30							Shut down / Drop Plug
	11:31	6	95.27					Start Displacement
	11:50							Land Plug (NO CMT to surface)
	11:51							Release Back / Plug Hold
	12:00							Under Most CMT (200SK)
	3:01							Run in pipe into hole @ 80ft
	3:22	1/2	40			70		M.I.P. Pump CMT @ 14.8 gal
	4:21							Shut down Good CMT at the Surface ✓
	4:25							End Job

Thank You
 John Edler - Ryan - Zannie
 Larry Jay



JOB SUMMARY 4239-1

TICKET # 234604	TICKET DATE 7-20-97
BDA / STATE KS	COUNTY Seward
PSL DEPARTMENT CEMENT	ORIGINAL
CUSTOMER REP / PHONE	
WELL TYPE O2 GAS	API / UWI #
DEPARTMENT CEMENT	JOB PURPOSE CODE 035-5/1 LONG STRING

REGION North America	NWA/COUNTRY Mid CONTINENT
MBU ID / EMP # 1764 62573	EMPLOYEE NAME JOHN WOODROW
LOCATION LIBERAL KS	COMPANY ANADARKO PETROLEUM
TICKET AMOUNT	WELL LOCATION SO HAYNES
LEASE / WELL # McCLURE J-1	SEC / TWP / RNG

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
S. GRANT							
C. ASHLEY							

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420044 01U							
53544/72000 72 R-4							
51984/77031 BWR							

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
7-20-97	0715	7-20-97	7-20-97	7-20-97
TIME	0715	2230	10:30	11:30

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		H
Float Shoe		
Guide Shoe REG 5/8	1	O
Centralizers 5/8 4/2	14	
Bottom Plug		W
Top Plug 5/8	1	
Head 8/8 5/8	1	C
Packer		
Other		O

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	155	5/8	KB	6099	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
TOTAL		TOTAL		

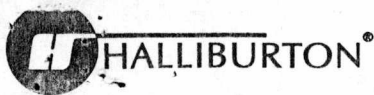
HYDRAULIC HORSEPOWER
 ORDERED Avail. Used
TREATED AVERAGE RATES IN BPM
 Disp. Overall
FEET CEMENT LEFT IN PIPE
 Reason

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	25	Premium	B		246	156
	180	Premium	B	-9.6 VERTIC. SB. REG. 101 11112-320 1/2 12000	240	145

Circulating Breakdown _____ Displacement Maximum _____ Preflush: Gal - BBI **10** Type **Super Plug**
 Average _____ Frac Gradient _____ Load & Bkdn: Gal - BBI _____ Pad: BBI - Gal _____
 Shut In: Instant _____ 5 Min _____ 15 Min _____ Treatment Gal - BBI _____ Disp: BBI - Gal **450**
 Cement Slurr Gal - BBI _____ Total Volume Gal - BBI _____

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____
THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER'S REPRESENTATIVE SIGNATURE
John Woodrow



JOB LOG 4239-5

TICKET #	234604	TICKET DATE	7-20-17
REGION	North America	NWA/COUNTRY	USA - OHIO
MBU ID / EMP #	1704 62473	EMPLOYEE NAME	JOHN WINDROW
LOCATION	LIBERTY KS	COMPANY	AMER/IND PETROLEUM
TICKET AMOUNT		WELL TYPE	23460
WELL LOCATION	SO 1704	DEPARTMENT	CEMENT
LEASE / WELL #	1704-01 (5-1)	SEC / TWP / RNG	
BDA / STATE	KS	PSL DEPARTMENT	CEMENT
CUSTOMER REP / PHONE		JOB PURPOSE CODE	035 - 11 - 2 - 4 - 5 - 6 - 7 - 8 - 9 - 0

ORIGINAL

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1100							JOB READY
	0715							CALLED OUT FOR JOB
	1030							PUMP TRUCK ON LOCATION
	1400							RIG TYPING DOWN DRILL PIPE / SET UP PUMP TRUCK
	1500							D.P. TYPED DOWN / IN DOWN R-11 + M-11
	1800							START RUNNING 5/8 CSG + FLT EQUIP
	1815							CASING ON BOTTOM 6099'
	1830							HOOK UP 5/8 P/C + CIRCULATING IRON
	1835							START CIRCULATING WITH RIG PUMP
	1845		3.0	✓				PLUG R-11 + M-11 WITH 25 SPS CMT
								THROUGH CIRCULATING / HOOK UP TO PUMP TRUCK
								JOB PROCEDURE
	1850	5.5	8	✓		1200		PUMP 8 BBL'S FRESH WATER AHEAD
		7.5	10	✓		1300		PUMP 10 BBL'S SUPER FLUSH
		10.0	15	✓				PUMP 8 BBL'S FRESH WATER
		12.0	20	✓				MIX 180 SPS VERSASERT CMT AT 14.5 GAL
	1900		45.0	✓				THROUGH MIXING CMT / SHUT DOWN
								WASH OUT PUMP + LINKS / RELEASE PLUG
								START DISPLACING
								MAX LIFT PRESSURE BEFORE PLUGGING
	1915		147.0	✓		1500		PLUG DOWN / RELEASE PLUG
								PLUG HILD

APPROVED: [Signature]

WOOLLY



TICKET #	TICKET DATE
234604	7-20-97
BDA / STATE	COUNTY
KS	SEWARD
PSL DEPARTMENT	
CEMENT	
CUSTOMER REP / PHONE	
API / UWI #	
JOB PURPOSE CODE	
035-5/1 LONG STRIKE	

REGION	North America
NWA/COUNTRY	Mid CONTINENT
MBU ID / EMP #	1704 62573
EMPLOYEE NAME	JOHN WOODROW
LOCATION	LIBERAL, KS
COMPANY	ANADARKO PETROLEUM
TICKET AMOUNT	
WELL TYPE	OZ GAS
DEPARTMENT	CEMENT
SEC / TWP / RNG	
WELL LOCATION	SO HAYNES
LEASE / WELL #	McCLURE J-1

WELL TYPE	API / UWI #
OZ GAS	
DEPARTMENT	JOB PURPOSE CODE
CEMENT	035-5/1 LONG STRIKE
SEC / TWP / RNG	

ORIGINAL

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
S. GRANT							
C. ASHLEY							

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420044 R/U							
53544/74000 74 R-4							
51984/77531 Bulk							

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	7-20-97	7-20-97	7-20-97	7-20-97
TIME	07:15	22:30	11:30	11:30

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY	MAKE
Float Collar		H
Float Shoe		
Guide Shoe RFG 5/8	1	O
Centralizers S-4 4/8	14	
Bottom Plug		W
Top Plug S-6 5/8	1	
Head 4/8 5/8	1	C
Packer		
Other		O

WELL DATA						
	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	15.5	5/8	KB	6094	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

MATERIALS		
	Density	Lb/Gal
Treat Fluid		
Disp. Fluid		
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
TOTAL		TOTAL		

ORDERED _____
 TREATED _____
 FEET _____

HYDRAULIC HORSEPOWER Avail. _____ Used _____
 AVERAGE RATES IN BPM Disp. _____ Overall _____
 CEMENT LEFT IN PIPE Reason _____

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	150	Premium	B			148
	180	Premium	B	-9.6% cement 5.0% SG 5.0% SI 11.1% MWD 3.0% Lb. R1000.		145

Circulating _____	Displacement _____	Preflush: Gal - BBI 10	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment Gal - BBI _____	Disp: BBI - Gal _____
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal - (BBI) 450	
		Total Volume Gal - BBI _____	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER'S REPRESENTATIVE SIGNATURE _____



HALLIBURTON®

JOB SUMMARY 4239-1

REGION North America		NWA/COUNTRY Mid Cont		TICKET # 236026		TICKET DATE 7-10-97	
MBU ID / EMP # 14101 / 85257		EMPLOYEE NAME John Klott		BDA / STATE KS		COUNTY Seward	
LOCATION		COMPANY Amtrack Petro		PSL DEPARTMENT Cement			
TICKET AMOUNT		WELL TYPE 21		CUSTOMER REP / PHONE			
WELL LOCATION		DEPARTMENT Cement		API / UWI #		ORIGINAL	
LEASE / WELL # McClure I-1		SEC / TWP / RNG		JOB PURPOSE CODE 010			

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
E. Chance							
R. Toppo							
R. Burton							
G. Humphries							

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
507376611							
5050275505							
5355475496							
450042							

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		U
Guide Shoe	1	
Centralizers	4	W
Bottom Plug		
Top Plug	1	"
Head		O
Packer	1	Backot
Other		Insert 4

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
7-9-97	7:30		7-10-97	7-10-97	7-10-97
			4:30	10:52	11:25

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	24	8 7/8	R2	1530.22	1570.2
Liner					
Liner					
Tbg/D.P.					
Tbg/D.P.					
Open Hole					SHOTS/FT.
Perforations					
Perforations					
Perforations					

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				2 1/2 Surface
TOTAL		TOTAL		

ORDERED _____ Avail. _____ Used _____

TREATED _____ AVERAGE RATES IN BPM _____ Overall _____

FEET 47.10 _____ CEMENT LEFT IN PIPE _____ Reason _____

CEMENT DATA

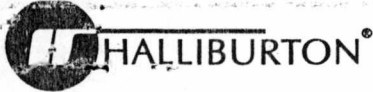
STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	350	M. d. c. P.P.	3	39.0 cc, 1/2 salt/cerate	3.22	11.1
2	130	PennPlus	3	2.9 cc, 1/4 salt/cerate	1.52	10.8
3	100	Acet				11.4

Circulating _____ Displacement _____ Preflush: Gal - BBI _____ Type _____
 Breakdown _____ Maximum _____ Load & Bkdn: Gal - BBI _____ Pad: BBI - Gal _____
 Average _____ Frac Gradient _____ Treatment Gal - BBI _____ Disp: BBI - Gal _____
 Shut In: Instant _____ 5 Min _____ 15 Min _____ Cement Slurr Gal - BBI _____ Total Volume Gal - BBI _____

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE
 Joe Johnson



JOB LOG 4239-5

TICKET #	TICKET DATE
236026	11/11/97
BDA / STATE	COUNTY
KS	...
PSL DEPARTMENT	
CUSTOMER REP / PHONE	
API / UWI #	
DEPARTMENT	
JOB PURPOSE CODE	

REGION	NWA/COUNTRY
North America	...
MBU ID / EMP #	EMPLOYEE NAME
...	...
LOCATION	COMPANY
...	...
TICKET AMOUNT	WELL TYPE
...	...
WELL LOCATION	DEPARTMENT
...	...
LEASE / WELL #	SEC / TWP / RNG
...	...

ORIGINAL

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
E. Chance							
R. Teeple							
R. Burton							
G. Humphreys							

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
1-9-97	23:30							Call Out
7-10-97	4:30							On location
	4:35							Rig-up Safety Meeting
	5:54							Run float equipment
	4:22							Drop Ball
	7:23							12000 Circulate P. per down hole 5 JTS (Blow sand out)
	10:52	6	200.71			240		M.x Pump Lead cm7 @ 11.1
	11:23	6	23.50			230		Tail cm7 @ 14.8
	11:30							Shut down / Drop Plug
	11:31	6	95.27			70		Start Displacement
	11:50					70		Land Plug (No cm7 to surface)
	11:51							Release Back / Plug Hold
	12:00							Under Motor cm7 (200SK)
	3:01							Run in pipe into hole @ 80ft
	3:22	1/2	40			70		M.x Pump cm7 @ 14.8 ft/gal
	4:21							Shut down Good cm7 at the surface
	4:25							End Job

Thank You
 John - Ed - Ronnie
 Amy Jay

1 100181

To: STATE CORPORATION COMMISSION
Wichita State Office Bldg. - PLUGGING SECTION
130 S. Market, Room 2078
Wichita, KS 67202

API NUMBER 15- 175-21,644

C NE SW, SEC. 8, T 34 S, R 31 W/2

1980 feet from S section line

3300 feet from E section line

TECHNICIAN'S PLUGGING REPORT

Operator License / 4549

Lease Name McClure J Well # 1

Operator: Anadarko Petroleum Corporation

County Seward 201.50

Name & Address P.O. Box 351

Well Total Depth 6200 feet

Liberal, KS 67905-0351

Conductor Pipe: Size feet

Surface Casing: Size 8 5/8 feet 1514

Abandoned Oil Well Gas Well X Input Well SWD Well O&A

Other well as hereinafter indicated

Plugging Contractor Sargent & Horton Plugging, Inc. License Number 31151

Address Rt. 1, Box 49BA, Tyrone, OK 73951-9731

Company to plug at: Hour: 8 a.m. Day: 8 Month: 12 Year: 19 97

Plugging proposal received from Don Horton

(company name) Sargent & Horton Plugging, Inc. (phone) 405-854-6515

was: 5 1/2" at 6099' w/180 sx cement, PBSD 5865', Perfs at 5688-5846'

1st plug pump 4 sx hulls and 25 sx cement at 5685',

2nd plug at 3000' with 100 sx cement,

3rd plug at 1530' with 50 sx cement,

4th plug at 650' with 40 sx cement, 5th plug at 40-0' with 10 sx cement.

Plugging Proposal Received by Gary Winters (TECHNICIAN)

Plugging Operations attended by Agent?: All X Part None

Operations Completed: Hour: 11 a.m. Day: 10 Month: 12 Year: 19 97

ACTUAL PLUGGING REPORT 1st plug spotted 25 sx cement with 400 lbs. hulls from 5688-5488',

displaced with gel,

2nd plug spotted 100 sx cement at 3000', displaced with gel,

3rd plug spotted 50 sx cement at 1530-1380', displaced with gel,

4th plug spotted 40 sx cement at 650-550', displaced with gel,

5th plug spotted 10 sx cement at 40-0'.

Remarks: Used common cement by Sargent & Horton. Recovered 4024' of 5 1/2" casing.

(If additional description is necessary, use BACK of this form.)

INVOICED

(did / XXXX) observe this plugging.

DATE DEC 18 1997

Signed Gary Winters (TECHNICIAN)

INV. NO. 49732

12-10