

ORIGINAL

FORM MUST BE TYPED

SIDE ONE

APR 09 1999

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

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: NONE

Operator Contact Person: DAVID W. KAPPLE

Phone (316) 624-6253

Contractor: Name: CHEYENNE DRILLING

License: 5382

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion  
 New Well  Re-Entry  Workover

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

If Workover: \_\_\_\_\_

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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

1-10-98 1-19-98 P&A 1-21-98  
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21692-00-00

County SEWARD FROM CONFIDENTIAL

C - NE - NE Sec. 9 Twp. 33 Rge. 32 X W

660 Feet from NX (circle one) Line of Section

660 Feet from EX (circle one) Line of Section

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

Lease Name MILHON "A" Well # 2

Field Name FEDDER SW

Producing Formation NONE

Elevation: Ground 2778.2 KB \_\_\_\_\_

Total Depth 6225 PBD 0

Amount of Surface Pipe Set and Cemented at 1620 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan R4A, 10-1-98 UIC.  
(Data must be collected from the Reserve Pit)

Chloride content 1500 ppm Fluid volume 700 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

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KCC

FEB 20

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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 2-20-98

Subscribed and sworn to before me this 20th day of February  
19 98.

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  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution of this COMMISSION  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
FEB 25 1998  
COMMISSION DIVISION

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name MILHON "A" Well # 2

Sec. 9 Twp. 33 Rge. 32  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: DIL, CNL-LDT.

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample		
Name	Top	Datum
CHASE	2596	
COUNCIL GROVE	2928	
HEEBNER	4227	
TORONTO	4266	
LANSING	4388	
MARMATON	5036	
CHEROKEE	5222	
MORROW SHALE	5553	
CHESTER "B"	5708	
CHESTER "A"	5777	
STE. GENEVIEVE	5904	
ST. LOUIS	6034	

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	12-1/4"	8-5/8"	23.0	1620	P+ MIDCON 2/ P+	310/100	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.

ADDITIONAL CEMENTING/SQUEEZE RECORD

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

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	

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:  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<u>NI-A</u>				

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



TICKET # <b>234323</b>	TICKET DATE <b>1-11-98</b>
BDA / STATE <b>Ks.</b>	COUNTY <b>Seneca</b>
PSL DEPARTMENT <b>Cement</b>	<b>RELEASED</b>
CUSTOMER REP / PHONE <b>Jim Barlow</b>	<b>APR 09 1999</b>
API / UWI #	<b>010</b>
JOB PURPOSE CODE <b>010</b>	<b>FROM CONFIDENTIAL</b>

REGION <b>North America</b>	NWA/COUNTRY <b>Mid Continent</b>
MBU ID / EMP # <b>1T104</b>	EMPLOYEE NAME <b>John Woodrow</b>
LOCATION <b>25540</b>	COMPANY <b>APC</b>
TICKET AMOUNT	WELL TYPE <b>01</b>
WELL LOCATION <b>N. Liberal</b>	DEPARTMENT <b>Cement</b>
LEASE / WELL # <b>Milbourn A-2</b>	SEC / TWP / RNG <b>49-375-20W</b>

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
<b>Ed McDonald 44285</b>			
<b>Dan Barlow 43090</b>			
<b>Sam Grant 44038</b>			

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1300							Called out for job
	1700							Job Ready
	1145							On Location
	1120							Rig TD / Circulate
	1130							Trippout D.P.
	1900							Start running 85/4 Csg
	2130							Csg on btm 11020'
	2135							Hook 85/4 PC + Circulating iron
	2140							Start Circulating aquil reg pump
								Hold Safety only
								Prime Pumps
	2150							Through Circulating backup pump + etc
	2156	7-8	17d			1250		Job Procedure Start TC 11.1#
	2200	60	235			150		Start TC 14.8#
	2228							Through mixing cement / Start down in Deep plug
								Start DISPLACING Have 40 BBLS OR HAVE CEMENT RETURNS TO Surface
	2246		103			30/100		PLUG DOWN / RELEASE FLOAT FLOAT HELD
								<u>CIRCULATE (60 BBL) 104 S/S TO PIT</u>

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RECEIVED  
HALLIBURTON  
FEB 2 1998



**JOB SUMMARY** 4239-1

TICKET # <b>234486</b>	TICKET DATE <b>1-21-98</b>
BDA / STATE <b>KS</b>	COUNTY <b>Seward</b>
PSL DEPARTMENT <b>Zonal Isolation</b>	CUSTOMER REP / PHONE <b>RELEASED</b>
API / UWI #	ADD. O.G. FORM
JOB PURPOSE CODE <b>115</b>	API O.G. FORM

REGION <b>North America</b>	NWA/COUNTRY <b>Mid Continent</b>
MBU ID / EMP # <b>120105 G3601</b>	EMPLOYEE NAME <b>D. McHare Nick Kamba</b>
LOCATION <b>Liberal</b>	COMPANY <b>Anadarko Petroleum</b>
TICKET AMOUNT <b>\$7110.01</b>	WELL TYPE <b>02</b>
WELL LOCATION <b>Land</b>	DEPARTMENT <b>Zonal Isolation</b>
LEASE / WELL # <b>Malhoun A-2</b>	SEC / TWP / RNG <b>9 33S 32W</b>

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
<b>B. Tomlinson J1832</b>			
<b>M. Longworth G9510</b>			
<b>N. Kamba 43115</b>			
<b>G. Humphries H9692</b>			

**ORIGINAL**

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
<b>38242</b>	<b>48</b>						
<b>52398-75058</b>	<b>48</b>						
<b>50866-6610</b>	<b>70</b>						

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
<b>1-20-98</b>	<b>2030</b>	<b>1-20-98</b>	<b>2230</b>	<b>1-21-98</b>
<b>1-21-98</b>	<b>0210</b>		<b>0730</b>	

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		<b>KCC</b>
Guide Shoe		
Centralizers		
Bottom Plug		<b>VEB 20</b>
Top Plug		
Head		
Packer		
Other		

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing						
Liner						
Liner						
Tbg/D.P.	<b>u</b>	<b>16.5</b>	<b>4 1/2</b>	<b>KB</b>	<b>3</b>	
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	
<b>1-20-98</b>	<b>1 1/2 hr</b>	<b>1-21-98</b>	<b>1 1/2 hrs</b>	<b>See Job Log</b>
<b>1-21-98</b>	<b>7 1/2 hr</b>			
<b>TOTAL</b>	<b>9 1/2</b>	<b>TOTAL</b>	<b>1 1/2 hrs</b>	

**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
	<b>265</b>	<b>60/40 Pac</b>	<b>13</b>	<b>6% Cel</b>	<b>115</b>	<b>13.0</b>

Circulating \_\_\_\_\_ Displacement \_\_\_\_\_ Preflush: Gal - BBI \_\_\_\_\_  
 Breakdown \_\_\_\_\_ Maximum \_\_\_\_\_ Load & Bkdn: Gal - BBI \_\_\_\_\_  
 Average \_\_\_\_\_ Frac Gradient \_\_\_\_\_ Treatment Gal - BBI \_\_\_\_\_  
 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  
*Gregory Salary*

TICKET #	734486	TICKET DATE	1-21-98
BDA / STATE	KS	COUNTY	SEMINOL
PSL DEPARTMENT	Zach Tantal		
CUSTOMER REP / PHONE	RELEASED		
API / UWI #	335 32 W		
JOB PURPOSE CODE	115	APP 119 100	

REGIS	North America	NWA/COUNTRY	Mid Continent
MBU ID / EMP #	ITC105 6360	EMPLOYEE NAME	Nick
LOCATION	2 bore	COMPANY	Archie Petroleum
TICKET AMOUNT	17110.01	WELL TYPE	02
WELL LOCATION	Lead	DEPARTMENT	Zach Tantal
LEASE / WELL #	Melhorn A-2	SEG / TWP / RNG	9 335 32 W

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
B Tantal 11332			
M Lancaster 12910			
N Kande 11315			
G Humphries 11947			

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS: (psi)		JOB DESCRIPTION / REMARKS
				IT	IC	Tbg	Csg	
	6000							Job ready
	7030							Callout for 35h
	7230							on location Pie laying Para D-17
								Set up pump truck
	0710	3.5	0			105		1st plug start 10 bbl cont 2975'
	0712	3.5	10/0			50		26 bbl cont 100%
	0720	3.5	10/0			50		2 bbl cont
	0730	3.5	2/0			50		22 bbl cont
	0733	3.5	32			0		end 1st plug
	0745	4	0			50		start 2nd plug 10 bbl cont
	0747	4	10/00			50		32 bbl cont 40cks 1150'
	0750	4	12/0			50		3.5 bbl cont
	0751	4	3.5/0			50		16.5 bbl cont
	0755	4	16.5			0		end 2nd plug
	0818	3	0					start 3rd plug 10.5 bbl cont 40cks 800
	0831	3	12/0					9.5 bbl cont
	0835	3	8.5					end 3rd plug
	0849	3	0					start 4th plug 10.5 bbl cont 40cks 460
	0852	3	10.5/0					2.5 bbl cont
	0858	3	3.5					end 4th plug
	0927	1.5	2.5			0		top off surface 2.5 bbl cont 10cks 40
	1130	1.5	2.5			0		plug M.H. 26 bbl cont 10cks
	1213	1.5	4			0		plug R.H. 3.9 bbl cont 10cks
								washup tank
								packing tank
	1730							Job complete
								Thankyou
								Nick, Gary, Mike

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APPROVED  
 FEB 23 1998