

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

CONFIDENTIAL

API NO. 15- 129-21592-0000
County MORTON
C - NE - SE Sec. 16 Twp. 32 Rge. 39 E
X W

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: ANADARKO ENERGY SERVICES

Operator Contact Person: SHAWN YOUNG

Phone (316) 624-6253

Contractor: Name: CHEYENNE DRILLING

License: 5382

Wellsite Geologist: _____

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:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

9-14-1999 9-25-1999 10-14-1999
Spud Date Date Reached TD Completion Date

1980 Feet from (circle one) Line of Section

660 Feet from (circle one) Line of Section

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

Lease Name ANADARKO "B" Well # 3

Field Name SIMMONS **KCC**

Producing Formation L. MORROW OCT 28 1999

Elevation: Ground 3241.2 **CONFIDENTIAL**

Total Depth 6330 PBTB 6280

Amount of Surface Pipe Set and Cemented at 1716 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 Att. 1, 11-24-99 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 700 ppm Fluid volume 700 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION

Location of fluid disposal if hauled offsite:

RELEASED

Operator Name _____

Lease Name _____ License No. _____

_____ quarter ROW Sec. CONFIDENTIAL 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 207B, 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.

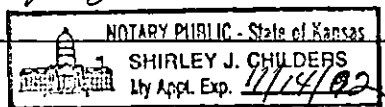
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature L. Marc Harvey
L. MARC HARVEY
Title DRILLING TECHNICAL ASSISTANT Date 10-20-99

Subscribed and sworn to before me this 28th day of October 19 99.

Notary Public Shirley J Childers

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)

Operator Name ANADARKO PETROLEUM CORPORATION

SIDE TWO

Lease Name ANADARKO "B" Well # 3

Sec. 16 Twp. 32 Rge. 39
 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: CBL-CCL-GR/DELTA 2, DIL, ML, MSFL, CNL-LDT.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
COUNCIL GROVE	2722	
ADMIRE	3058	
WABAUNSEE	3140	
HEEBNER	3913	
TORONTO	3923	
LANSING	4016	
MARMATON	4733	
CHEROKEE	5216	
MORROW	5493	
CHESTER	5962	
STE. GENEVIEVE	6032	
ST. LOUIS	6191	

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	1716	P+ MIDCON/ P+	355/100	3%CC, .1%FWCA, 1/2#/SK FLC/2CC, 1/2#SK FLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	6322	PREM PLUS/ PREM PLUS. TOC @ 2520'	380/80 FOAMED	NEAT/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
2	6178-6192, 6233-6237. CIBP @ 6040'	NONE	6178-6237 (OA)
4	5894-5904, 5934-5936.	FRAC: 40000 GAL GEL & 150000# 16/30 SD.	5894-5936 (OA)

TUBING RECORD	Size 2-7/8"	Set At 5841'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 10-16-1999 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 5000 Mcf	Water 15 Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Production Interval 5894-5936 (OA)

CONFIDENTIAL

TICKET # **156324**

TICKET DATE **9-16-99**

REGION North America	NW/COUNTRY Central	BDA STATE Liberal Kansas	COUNTY Morton
MBU ID / EMP # McLIdol 106322	EMPLOYEE NAME Mr Danny McLane	PSL DEPARTMENT 5001 cement	ORIGINAL
LOCATION Liberal	COMPANY ANADARKO	CUSTOMER REF / PHONE Sim Barlow 281-543-2343	KCC
TICKET AMOUNT	WELL TYPE 02	API / UWI #	
WELL LOCATION E Richfield	DEPARTMENT 21	JOB PURPOSE CODE 010	
LEASE / WELL # Anadarko B-3	SEC / TYP / RNG 16 32S 39W		091 7.0 1999

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
D. McLane 106322 12			
B. Sauber 106012 12			
G. Humphries 106085 12			
D. Breitpacher 106905 12			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
34038-7741	20						
420995	20						
54225-73821	20						
52938-6611	20						

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
	9-15-99	9-15-99	9-16-99	9-16-99
TIME	1800	1900	0418	0546

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe Reg 1	1	
Centralizers Series 415	1	
Bottom Plug		
Top Plug 3W	1	
Head W&D-A	1	
Packer BAK-1	1	
Other Insert w/Fill	1	

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	23	8 5/8	KB	1727	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole			12 1/4	KB		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	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				RELEASED
				DEC 19 2001
				FROM CONFIDENTIAL
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER

ORDERED	Avail.	Used
TREATED	AVERAGE RATES IN BPM	
FEET 41.96	Disp.	Overall
	CEMENT LEFT IN PIPE	
	Reason	Shoe Joint

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	355	Ptmiocan B	B	39cc 1/2% Flocele	290	11.4
	100	Premplus B	B	20cc 1/2% Flocele	7.32	14.8
				1% FWCA		

RECEIVED

STATE COOPERATION / COMMISSION

Circulating	Displacement	Preflush:	Gal - BBI	Type
Breakdown	Maximum	Load & Bkdn:	Gal - BBI	Pad: BBI - Gal
Average	Frac Gradient	Treatment	Gal - BBI	Disp: KB - Gal 107.8
Shut In: Instant	5 Min	Cement Slurr	Gal - BB 2.0 182.7	7.0 23.5
	15 Min	Total Volume	Gal - BBI	

CONSERVATION DIVISION
Wichita, Kansas

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

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE
Jim Barlow

REGION North America	NWA/COUNTRY <i>USA</i>	BDA/STATE <i>Nebraska</i>	COUNTY <i>DeWitt</i>
MBU ID / EMP # <i>106085</i>	EMPLOYEE NAME <i>G. Humphries</i>	PSL DEPARTMENT <i>106085</i>	
LOCATION <i>106085</i>	COMPANY <i>Halliburton</i>	CUSTOMER REP / PHONE <i>KCC</i>	
TICKET AMOUNT <i>7029.71</i>	WELL TYPE <i>W</i>	API / UWI #	
WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE <i>001 2 9 1999</i>	
LEASE / WELL #	SEC / TWP / RNG <i>W</i>		CONFIDENTIAL

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)
<i>G. Humphries 106085 12</i>			
<i>A. Brestsprecher 106905 12</i>			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1900							on location hold safety meeting rig still
	2145							Drilling Setup pump truck
	2230							Rig thru Drilling & on bottom Circulating
	2235							Rig thru Circulating
	0100							Rig tripping out D.P.
	0130							D.P. out of hole
	0145							Rig up Csg Crew
	0355							Start running Csg & Float Equip
	0400							Csg on bottom
	0405							Hook up PC & Circulating Iron
	0413							Start Circulating
	0415							thru Circulating
								Hook up to pump truck
								Job Procedure for 8 1/2 Surface
	0418					0/2500		Pressure test lines
	0427	7	182.7			0/100		Start Lead Cement @ 11.4#
	0505	7	231.5			100		Start Tail Cement @ 14.8#
	0515							thru mixing Cement
	0516							Shut down & Release plug
	0517	7	107.8			0/75		Start Displacement
	0529					0/170		Displacement caught Cement
	0533	2				110/110		Slow down rate
	0535	1				210/100		Slow down rate
	0545					300/100		Plug landed
	0546					300/10		Release float

RELEASED
DEC 19 2001

FROM CONFIDENTIAL
Circulated 30 Bbls to pit ✓
58 Sbs to pit

Thank You For Calling Halliburton

RECEIVED
STATE SURPRISE ION COMMISSION

OCT 29 1999

Danny & Bill & Crew



CONFIDENTIAL

JOB SUMMARY 4239-1

TICKET # 17385 ORIGINAL
TICKET DATE 10-28-99

REGION North America	NWA/COUNTRY Mid Cont USA	BDA / STATE Ks	COUNTY Morton
MBU ID / EMP # MCL1010 106328	EMPLOYEE NAME Nick Korbe	PSL DEPARTMENT Z1	
LOCATION Liberal	COMPANY Anadarko Pet. Corp.	CUSTOMER REP / PHONE Jim Barlow	KCC
TICKET AMOUNT \$ 9861.64	WELL TYPE 02	API / UWI #	10-28-99
WELL LOCATION 11N, SE of Rolla	DEPARTMENT Cement	JOB PURPOSE CODE 602	
LEASE / WELL # Anadarko B-3	SEC / TWP / RNG 16-325-39W		CONFIDENTIAL

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
N. Korbe 106328	10%	R. Ferguson 106154	10%	J. Justus	10%		
S. Tate 105953	10%	R. Anderson 105915	10%				
R. Sauber 106212	10%	M. Heston	10%				
G. Gore 106292	10%	L. Bruce	10%				

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
421270							
54038/77941							

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		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

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
	9-26-99	9-26-99	9-26-99	9-26-99
	2230	0200	0730	1000

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	134/ N	15.5	5 1/2	0	6330	3000
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	
9-27-99	10 hrs	9-27-99	2 1/2 hrs	602
				RELEASED
				DEC 19 2001
				CONFIDENTIAL
TOTAL	10 hrs	TOTAL	2 1/2 hrs	

HYDRAULIC HORSEPOWER

ORDERED	Avail.	Used

AVERAGE RATES IN BPM

TREATED	Disp.	Overall

CEMENT LEFT IN PIPE

FEET	Reason
42'	shjt.

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
L	380	Prem t	B	Neat	Fanned	2.42
T	80	Prem t	B	Neat	Fanned	4.96
						7.3
						7.3

RECEIVED
STATE CORPORATION COMMISSION

Circulating Breakdown	Displacement	Preflush:	Gal - BBI	Type
Average	Maximum	Load & Bkdn:	Gal - BBI	Pad: BBI - Gal
Shut In: Instant	Frac Gradient	Treatment	Gal - BBI	Disp: BBI - Gal / 150
	5 Min	Cement Slurr	Gal - BBI	
	15 Min	Total Volume	Gal - BBI	

CONSERVATION DIVISION

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
Wichita, Kansas			

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE
Jim Barlow



CONFIDENTIAL

JOB LOG 4239-5

TICKET #	173858 ORIGINAL	TICKET DATE	10-28-99
BDA / STATE	Ks	COUNTY	Marion
PSL DEPARTMENT	21		
CUSTOMER REP / PHONE	Jim Barlow		KOC
API / UWI #			OCT 28 1999
JOB PURPOSE CODE	602		CONFIDENTIAL

REGION	North America	NW/COUNTRY	MidCont USA
MBU ID / EMP #	MCL10110 106328	EMPLOYEE NAME	Nick Karbe
LOCATION	Liberal	COMPANY	Anadarko Pet. Corp.
TICKET AMOUNT	\$9861.64	WELL TYPE	02
WELL LOCATION	1/4 N, 5/8 E of Rolla	DEPARTMENT	Cement
LEASE / WELL #	Anadarko B-3	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
N. Karbe 106328	10 1/2	R. Ferguson 106154	10 1/2	J. Justus	10 1/2		
S. Tate 105953	10 1/2	R. Anderson 105915	10 1/2				
B. Sauber 106212	10 1/2	M. Hester	10 1/2				
G. Gote 106292	10 1/2	L. Bruce	10 1/2				

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psf)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	2230							Called Out
	0200							ps lps Held safety mtg Set up Trks
	0230							ST FE
	0615							Break circ
	0722							Test flow meters on foam unit
	0730					2000		Test lines
	0734							mix tub of cement
	0737	6	0			400		st wtr
	0751	3	20/0			450		st cement
	0752	3	3			450		st foamer & N ₂
	0811	2	60			750		slow rate
	0833	3	100			1100		increase rate
	0853							rad cement
	0854							rel plug
	0855							wash pump & lines
	0930	4	0			500		st disp
	0930	2	125			625/00		slow rate lost circ
	0946	2	150			600/500		Rump rel pres float held

RELEASED

DEC 19 2001

FROM CONFIDENTIAL

Job complete
Thank you
Nick & crew

RECEIVED
STATE CORPORATION BOARD

OCT 29 1999