

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 4549
Name: Anadarko Petroleum Corporation
Address: 1201 Lake Robbins Drive
City/State/Zip: The Woodlands, TX 77380
Purchaser: NA
Operator Contact Person: Jim LaFevers
Phone: (832) 636-3127
Contractor: Name: Layne Christensen Canada, LTD
License: 32999
Wellsite Geologist:

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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/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

7/15/03	7/25/03	10/22/03
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 111-20424-00-00
County: Lyon
C NE Sec. 27 Twp. 15 S. R. 11 East West
1320 feet from S / (N) (circle one) Line of Section
1320 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Coffman Well #: 1-27

Field Name: Wildcat
Producing Formation: Cherokee
Elevation: Ground: 1358 Kelly Bushing: 1363
Total Depth: 3271' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 253 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2445' Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) ACT I P&A WITH 4907
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
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 of 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: Jim LaFevers
Title: Env + Reg Affairs Date: 11/12/03
Subscribed and sworn to before me this 12th day of November, 2003.

Notary Public: Bertha Costen
Date: 11/12/03
BERTHA COSTEN
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
DEC. 3, 2005

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

X

Operator Name: Anadarko Petroleum Corporation Lease Name: Coffman Well #: 1-27
 Sec. 27 Twp. 15 S. R. 11 East West County: Lyon

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Cherokee 1970'
 Mississippian 2365'
 Arbuckle 3173'

SpecDensity/DSN/Induction
 Cement Map/Variable Dens./CCL/GR

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	# Sacjs Used	Type and Percent Additives
Surface	12-1/4	9-5/8	32.3	253	Class "A"	110	see cmt rpt
Production	8-3/4	7	20	3103	50/50 POZ	370	see cmt rpt

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	2274-74, 2302-06, 2327-30		
4	2910-30	2500 gal 15% HCL	2910-2930
	2800' CIBP		

TUBING RECORD

Size	Set At	Packer At	Liner Run
			<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. Shut In 10/22/03 Producing Method Flowing Pumping Gas Lift Other (Explain)

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

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled 2274-2330
 Other (Specify)

Production Interval

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BLUE STAR
ACID SERVICE, INC.

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

ORIGINAL

Date 7-16-03	Customer Order No.	Sect. 27	Twp. 15S	Range 11E	Truck Called Out 1:30 AM	On Location 3:00 AM	Job Began 8:45 AM	Job Completed 9:10 AM
Owner Anadarko Petroleum Corp.		Contractor Layne Christensen Co.			Charge To Anadarko Petroleum Corp.			
Mailing Address 701 S. Taylor Suite 400		City Amarillo			State Texas 79101 NOV 17 2003			
Well No. & Form COFFMAN # 1-27		Place LYON			State KANSAS			
Depth of Well 361'	Depth of Job 254'	Casing (New/Used)	Size 9 5/8" Weight 32.50 #	Size of Hole Ann. and Kind of Cement 12 1/4" 110 SKS	Cement Left in casing by	Request Necessity	feet 41	
Kind of Job SURFACE Casing P.B.T.D. 213'					Drillpipe	Rotary Cable	Truck No. #21	

Price Reference No.	# 1
Price of Job	425.00
Second Stage	
Mileage	607 135.00
Other Charges	
Total Charges	560.00

Remarks: Safety Meeting: Rig up to 9 5/8" casing. Pressure Test 1000 PSI. Break circulation with 20 BBL fresh water mixed 110 SKS Regular Cement with 3% Cack 1/4" flucel per/sk @ 14.7 # per/gal. (yield 1.18) Shut down Release Plug. Displace with 12" BBL Fresh water Bump Plug to 300 psi wait 2 minutes Release Pressure. Float Hold Shut casing in @ 0 PSI Good Cement Returns to SURFACE = 5 BBL Slurry = 24 SKS. Job Complete. Rig down.

Cementor: KEVIN McCAY
 Helper: MIKE JUSTIN District: EUREKA State: KS
 The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

Thank you [Signature] Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
110 SKS	Regular Class "A" Cement	7.75	852.50
310 #	Cack 3%	.35	108.50
28 #	Flucel 1/4" per/sk	1.00	28.00
NOV 13 2003			
CONSERVATION DIVISION WICHITA, KS			
1	CAN Thread Lock Compound	20.00	20.00
1	9 5/8 Guide Shoe	198.00	198.00
1	9 5/8 insert Flapper Valve	130.00	130.00
2	9 5/8 x 12 1/4 Centralizers	60.00	120.00
1	9 5/8 wooden Plug	50.00	50.00
Plugs	110 SKS Handling & Dumping	.50	55.00
	5.17 Tons Mileage 60	.80	248.16
	Sub Total		2,370.16
	Discount		
	Sales Tax	58	131.40
	Total		2501.56

HALLIBURTON JOB SUMMARY		SALES ORDER NUMBER 2584302	TICKET DATE 07/29/03
REGION Central Operations	AREA / COUNTRY Mid Continent/USA	BDA / STATE MC/Ks	COUNTY LYON
MBJ ID / EMPL # MCL10104 212723	EMPLOYEE NAME ARRAKO EVANS	PSL DEPARTMENT Cement	ORIGINAL 806-672-7528
LOCATION LIBERAL	COMPANY ANADARKO PETROLEUM CORPORA	CUSTOMER REP / PHONE RAYMOND NEW	
TICKET AMOUNT \$35,308.74	WELL TYPE 02 Gas	API/UMI #	
WELL LOCATION ALLEN, KS	DEPARTMENT CEMENT	SAP BOMB NUMBER 7523	Cement Production Casing
LEASE NAME COFFMAN	Well No. 1-27	SEC / TWP / RNG 27 - 15S - 11E	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL, KS

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Evans, J 212723	25.0			
King, K 105942	25.0			
Schawo, N 222552	25.0			

H.E.S. UNIT #S / (R/T MILES)	R/T MILES	R/T MILES	R/T MILES	R/T MILES
10415642	500			
10011407-10011306	500			
54225-10011276	300			

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

Tools and Accessories

Type and Size	Qty	Make
Float Collar SSII	1	HOWCO
Float Shoe SSII	1	HOWCO
Centralizers S-4	11	4 - 8.5, 7 - 8.75
Top Plug REE FALL SE	1	HOWCO
HEAD 7	1	HOWCO
Limit clamp 7	1	HOWCO
Weld-A	2	HOWCO
Guide Shoe PACK ES DV	1	HOWCO
BTM PLUG		

Materials

Mud Type	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	In
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

Date	Called Out	On Location	Job Started	Job Completed
	7/29/2003	7/29/2003	7/30/2003	7/30/2003
Time	1100	2100	1530	2230

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	20#	7 IN		0	3,108	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			8 3/4			3,272	Shots/Ft.
Perforations							
Perforations							

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
7/29	3.0	7/29	10.0	Cement Production Casing DV TOOL @2441 FT
7/30	22.0		29.0	
Total	25.0	Total	39.0	

Ordered _____	Hydraulic Horsepower Avail. _____	Used _____
Treating _____	Average Rates in BPM Disp. _____	Overall _____
Feet 82	Cement Left in Pipe Reason _____	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	25	50/60 POZ PP		5% KCL - .5% HALAD-322 - 1/2# FLOCELE - 5% CALSEAL -	28.29	4.26	10.00
2	85	50/60 POZ PP		5% KCL - .5% HALAD-322 - 1/2# FLOCELE - 5% CALSEAL -	7.43	1.62	13.20
3	25	50/60 POZ PP		5% KCL - .5% HALAD-322 - 1/2# FLOCELE - 5% CALSEAL -	28.29	4.26	10.00
4	235	50/60 POZ PP		5% KCL - .5% HALAD-322 - 1/2# FLOCELE - 5% CALSEAL -	7.43	1.62	13.20

Summary

Circulating Breakdown _____	Displacement _____	Preflush: BBI _____	Type: _____
Lost Returns- _____	MAXIMUM _____	Load & Bkdn: Gal - BBI _____	Pad: Bbl - Gal _____
Cmt Rtrn#Bbl _____	Lost Returns-# _____	Excess /Return BBI _____	Calc. Disp Bbl _____
Average _____	Actual TOC _____	Calc. TOC: _____	Actual Disp. 122.98
Shut in: Instant _____	Frac. Gradient _____	Treatment: Gal - BBI _____	Disp: Bbl _____
	5 Min. _____ 15 Min. _____	Cement Slurry BBI _____	43.87
		Total Volume BBI _____	#VALUE!

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

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____

SIGNATURE *[Signature]*

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HALLIBURTON JOB LOG		CONFIDENTIAL	TICKET # 2584302	TICKET DATE 07/29/03
REGION Central Operations	MVA / COUNTRY Mid Continent/USA	BDA / STATE MC/Ks	COUNTY LYON	
MBL ID / EMPL # MCL10104 212723	H.E.S. EMPLOYEE NAME JERRAKO EVANS	PSL DEPARTMENT Cement		
LOCATION LIBERAL	COMPANY ANADARKO PETROLEUM CORPO	CUSTOMER REP / PHONE RAYMOND NEW 806-672-7528		
TICKET AMOUNT \$35,308.74	WELL TYPE 02 Gas	API/WVI #		
WELL LOCATION ALLEN, KS	DEPARTMENT CEMENT	JOB PURPOSE CODE Cement Production Casing		
LEASE NAME COFFMAN	Well No. 1-27	SEC / TWP / RNG 27 - 15S - 11E	HES FACILITY (CLOSEST TO WELL S) LIBERAL, KS	

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
Evans, J 212723							
King, K 105942							
Schawo, N 222552							

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate			Press.(PSI)			Job Description / Remarks
				NZ	CSG.	Tbg				
	ASAP									JOB READY
	1100									CALLED OUT FOR JOB
	1230									PRE-TRIP SAFETY MEETING
	2100									PUMP TRUCK ON LOCATION/ JOB SITE ASSESMENT
										RIGGING UP TO RUN CASING
	2120									PRE-JOB SAFETY MEETING
	2130									START RUNNING CASING (7")
										17 JOINTS IN HOLE, TRY TO CIRC COULD NOT
										START PULLING CASING OUT
										FLOATS PLUGGED (36# LCM IN MUD)
	0530									GO GET ANOTHER FLOAT
										START RUNNING CASING (7")
										CIRC EVERY 5 JTS
										DRY TOOL @ 241 FT
	1400									CASING ON BOTTOM (3108 FT)
	1405									HOOK UP TO CIRC
	1410									CIRC WITH RIG PUMP
										PRE-JOB SAFETY MEETING
										1ST STAGE
	1525						2700			TEST LINES
	1527	4.5	5.0							PUMP FRESH WATER SPACER
	1530	6.0	19.0							START MIXING SCV CMT @10#
	1532	6.0	24.0							START MIXING CMT @13.2#
										THROUGH MIXING/ WASH PUMP & LINES
										DROP PLUG
	1540	6.0	25.0				0-250			START DISP WITH FRESH WATER
		6.0	20.0							CONT DISP WITH GEL WATER
		5.5	77.0							CONT DISP WITH MUD
		2.0	97.0							SLOW RATE WHILE PLUG GOING THROUGH TOOL
		6.0	101.0							BACK TO FULL RATE
	1608	2.0	112.0				350			SLOW RATE 10 BBLs BEFORE BUMPING PLUG
	1612	2.0	122.0				900			BUMP PLUG
	1613									RELEASE FLOAT HELD
	1614						2000			PRESSURE TEST CASING
										CONT ON NEXT PAGE

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ORIGINAL

HALLIBURTON JOB LOG CONT					CONFIDENTIAL	TICKET NO 2584302	TICKET DATE 07/29/03
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Chart No.	Time	Rate (BPM)	Volume (BRL)(GAL)	Rate			Press.(PSI)		Job Description / Remarks
				N2	CSG.	Tbg			
	1620								DROP OPENING PLUG
									WAIT 12 MIN
	1632								PRESSURE UP TO 300 PSI WAIT 1 MIN
	1634								PRESSURE UP TO 600 PSI WAIT 1 MIN
	1635								PRESSURE UP TO 1000 PSI /DID NOT OPEN
	1636								RELEASE BACK PRESSURE UPTO 1000 PSI
	1638								TOOL OPENED/ HOOK UP TO RIG PUMP / WAIT 4 HRS
									2ND STAGE
	2108						2800		TEST LINES
	2110	5.0	5.0				0-600		FRESH WATER SPACER
	2112	6.0	19.0				700		START MIXING SCV CMT @10#
	2116	6.0	68.0				600		START MIXING CMT @13.2#
									THROUGH MIXING/ WASH PUMP & LINES
									DROP CLOSING PLUG
	2133	6.0							START DISP WITH FRESH WATER
	2139	6.0	40.0				0-900		DISP CAUGHT CMT
		2.0	89.0				350		SLOW RATE
	2154	2.0	99.0				450		BUMP PLUG
	2154	2.0					2050		PRESSURE UP TO CLOSE TOOL
	2155								RELEASE TOOL CLOSED
	2230								END JOB

RECEIVED
 KANSAS CORPORATION COMMISSION

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 CONSERVATION DIVISION
 WICHITA, KS