

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

CONFIDENTIAL

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: Gulick Drilling Co.
License: 32854
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)

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 19 2003

CONSERVATION DIVISION
WICHITA, KS

KCC

NOV 17 2003

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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. _____
9/17/03 9/25/03 10/24/03
Spud Date or 9/25/03 10/24/03
Recompletion Date Date Reached TD Completion Date or
Recompletion Date

API No. 15 - 197-20265-00-00
County: Wabaunsee
W2-E2-NE Sec. 33 Twp. 13 S. R. 13 East West
1320 feet from S / N (circle one) Line of Section
990 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Thompson Well #: 1-33
Field Name: Wildcat
Producing Formation: Cherokee
Elevation: Ground: 1306' Kelly Bushing: 1318'
Total Depth: 3065' Plug Back Total Depth: 3015'
Amount of Surface Pipe Set and Cemented at 364 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2352' Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT I WITH
(Data must be collected from the Reserve Pit) 4-9-07
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: 11/17/03
Subscribed and sworn to before me this 18th day of November,
20 03
Notary Public: BERTHA BOSTON
NOTARY PUBLIC, STATE OF TEXAS
Date 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

Operator Name: Anadarko Petroleum Corporation Lease Name: Thompson Well #: 1-33
 Sec. 33 Twp. 13 S. R. 13 East West County: Wabaunsee

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: Cement Map/GR/CCL, Induction, Neutron Microlog	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Cherokee 1856' Mississippian 2336' Arbuckle 3112'
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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	# Sacs Used	Type and Percent Additives
Surface	9-5/8	12-1/4	32.3	364'	Class A	190	see cmt rpt
Production	8-3/4	7	20	3057	50/50 POZ	365	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	1904-05', 2016-17', 2141-43', 2230-32'		

TUBING RECORD Size <u>none</u> Set At _____ Packer At _____ Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Date of First, Resumerd Production, SWD or Enhr. <u>Shut In 10/25/03</u> 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 Bbbls. _____ Gas Mcf _____ Water Bbbls. _____ Gas-Oil Ratio _____ Gravity _____	

Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval <u>1904' - 2232'</u>
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CONFIDENTIAL

API # 15-197-20265-00-00

ORIGINAL

BLUE STAR
ACID SERVICE, INC.

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

Nº 4919

Date 9-18-03	Customer Order No.	Sect. 33	Twp. 13S	Range 13E	Truck Called Out 9-17 8:30 PM	On Location 9-17 10:30 AM	Job Began 9-18 8:00 AM	Job Completed 8:40 AM
Owner Anadarko Petroleum Corp		Contractor Culick Ditz Co			Charge To KCC		Anadarko Petroleum Corp.	
Mailing Address P.O. Box 720		City Eureka			State Kansas		NOV 17 2003	
Well No. & Form Thompson # 1-33		Place			County Wabaunsee		State Kansas	
Depth of Well 370'	Depth of Job 364'	Casing (New) (Used)	Size 9 5/8	Weight 32.30 #	Size of Hole Amt. and Kind of Cement 190 SKS	Cement Left in casing by	Request Necessary	38' feet
Kind of Job SURFACE Casing					Drillpipe	(Holey) (Cable)	Truck No. # 21	

Price Reference No.	# 1
Price of Job	425.00
Second Stage	
Mileage 80	180.00
Other Charges	
Total Charges	605.00

Remarks: Safety Meeting; Rig up to 9 5/8" casing, Pressure test lines to 1000 psi. Break circulation with 10 bbl fresh water. Mixed 190 SKS Regular Cement with 3% Cacta. 1/4" Fluocel Pulp @ 14.9 # Pwt/gal. Shut down. Release plug. Displace with 25.5 bbl fresh water. Bump Plug to 400 psi. Release Pressure. Float held. Shut casing in at 0 psi. 2 bbl Cement slurry to surface. Job Complete. Rig down (yield 118)

Cementor: Kevin McCoy
 Helper: Mike Justice
 District: Eureka
 State: KS
 The above job was done under supervision of the owner, operator, or his agent whose signature appears below.
 Thank You x [Signature]
 Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	RECEIVED	PRICE	TOTAL
190 SKS	Regular Class "A" Cement	KANSAS CORPORATION COMMISSION	7.25	1472.50
535 #	Cacta 3%	NOV 19 2003	.35	187.25
48 #	Fluocel 1/4" Pwt/gal	CONSERVATION DIVISION	1.00	48.00
		WICHITA, KS		
1	Can Thread Locking Compound		20.00	20.00
1	9 5/8" weatherford float collar		460.00	460.00
2	9 5/8 x 12 1/4 Centralizers		60.00	120.00
1	9 5/8" Stop Ring		25.00	25.00
1	9 5/8" wooden Plug		50.00	50.00
		190 SKS Handling & Dumping	.50	95.00
		893 Miles Mileage	.80	576.52
		Sub Total		3654.27
		Discount		
		Sales Tax	6.55%	239.35
		Total		3893.62

API# 15-197-20265-00-00

HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER 2687930	TICKET DATE 09/26/03
BDA / STATE MC/Ks	COUNTY Wabaunsee
PSL DEPARTMENT Cement	ORIGINAL
CUSTOMER REP / PHONE Raymond New	
AP/UMI #	
SAP BOMB NUMBER 7523	Cement Production Casing
RES FACILITY (CLOSEST TO WELL SITE) Liberal Ks	

REGION Central Operations	MWA / COUNTRY Mid Continent/USA
MBU ID / EMPL # MCL10101 106322	H.E.S. EMPLOYEE NAME Danny McLane
LOCATION Liberal	COMPANY Anadarko Petroleum Corporation
TICKET AMOUNT \$29,639.05	WELL TYPE 02 Gas
WELL LOCATION Council Grove, Ks	DEPARTMENT Cement
LEASE NAME Thompson	SEC / TWP / RNG 33 - 13S - 13E

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS
McLane, D 106322	15.0		
Harper, K 241988	15.0		
Archuleta, M 226383	8.5		

HES. UMT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES
10547695	500		
10251401	500		
10243558 10011591	300		

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

Date	Called Out	On Location	Job Started	Job Completed
	9/25/2003	9/25/2003	9/26/2003	9/26/2003
Time	1100	2100	0500	1100

Tools and Accessories

Type and Size	Qty	Make
Float Collar SS II 7	1	Howco
Float Shoe SS II 7	1	Howco
Centralizers 7	16	Howco
Plug Set FF 7	1	Howco
HEAD 7	1	Howco
Limit clamp 7	1	Howco
Weld-A 7	2	Howco
MSC 7	1	Howco
BTM PLUG		Howco

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	20.0	7 IN		0	3,057	
Liner			MSC @		2,062		
Liner							
Tubing							
Drill Pipe							
Open Hole			8 3/4				Shots/Ft.
Perforations							
Perforations							
Perforations							

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 _____		
Other _____		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
9/25	3.0	9/26	2.0	Cement Production Casing
9/26	12.0			
Total 15.0		Total 2.0		

Ordered _____ Hydraulic Horsepower Avail. _____ Used _____
 Treating _____ Average Rates in BPM _____ Overall _____
 Feet **82.39** Cement Left in Pipe _____ Reason _____ **SHOE JOINT**

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	25	50/50 POZ PP	Bulk	5% KCL - .5% HALAD-322 - 1/2# FLOCELE - 5% CALSEAL - 6# GILSONITE	28.29	4.26	10.00
2	110	50/50 POZ PP	Bulk	5% KCL - .5% HALAD-322 - 1/2# FLOCELE - 5% CALSEAL - 6# GILSONITE	7.43	1.62	13.20
3	25	50/50 POZ PP	Bulk	5% KCL - .5% HALAD-322 - 1/2# FLOCELE - 5% CALSEAL - 6# GILSONITE	28.29	4.26	10.00
4	205	50/50 POZ PP	Bulk	5% KCL - .5% HALAD-322 - 1/2# FLOCELE - 5% CALSEAL - 6# GILSONITE	7.43	1.62	13.20

Summary

Circulating Breakdown _____	Displacement _____	Preflush: BBI _____	Type: H2O, Gel
Lost Returns _____	MAXIMUM _____	Load & Bkdn: Gal - BBI _____	Pad: Bbl - Gal _____
Cmt Rtn#Bbl _____	Actual TOC _____	Excess / Return BBI _____	Calc. Disp Bbl _____
Average _____	Frac. Gradient _____	Calc. TOC: _____	Actual Disp. _____
Shut In: Instant _____	5 Min. _____ 15 Min. _____	Treatment: Gal - BBI _____	Disp: Bbl _____
		Cement Slurry BBI _____	1st stage 19.31; 2nd stage 19.59
		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

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RECEIVED KANSAS CORPORATION COMMISSION

KCC ORIGINAL

NOV 19 2003

NOV 17 2003

CONSERVATION DIVISION

CONFIDENTIAL API # 15-197-20265-20-20

HALLIBURTON JOB LOG		TICKET # 2687930	TICKET DATE 09/26/03
REGION Central Operations	NWA / COUNTRY Mid Continent/USA	BDA / STATE MC/Ks	COUNTY Wabaunsee
MBU ID / EMPL # MCL10101 106322	H.E.S. EMPLOYEE NAME Danny McLane	PSL DEPARTMENT Cement	
LOCATION Liberal	COMPANY Anadarko Petroleum Corporation	CUSTOMER REP / PHONE Raymond New (806) 672 - 7528	
TICKET AMOUNT \$29,639.05	WELL TYPE 02 Gas	API/UMI #	
WELL LOCATION Miller,Ks	DEPARTMENT Cement	JOB PURPOSE CODE Cement Production Casing	
LEASE NAME Thompson	Well No. 1-33	SEC / TWP / RNG 33 - 13S - 13E	RES 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
Mclane, D 106322	15						
Harper, K 241985	15						
Archuleta, M 226383	6.5						

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate			Press. (PSI)			Job Description / Remarks
				N2	CSG.	Tbg				
9-25	1200									Called for job
	1300									Hold pre trip safety meeting
9-26	2100									On location do job site assessment.
	2115									Bring pump truck on location
	2130									Hold safety meeting with driver and set up truck
	2330									Hold safety meeting and rig up casing crew
	2340									Start running 7 inch casing and float equipment
	2350									Break circulation
	0000									Start running 7 inch casing and float equipment
	0017									Put MSC Tool on top of joint 17 @ 2362 ft
	0020									Break circulation
	0034									Start running 7 inch casing and float equipment
	0145									Break circulation
	0200									Start running 7 inch casing and float equipment
	0220									Break circulation
	0240									Start running 7 inch casing
	0425									Casing on bottom
	0427									Hook up plug container and circulating hose
	0429									Start circulating with rig pump
	0433									Got mud returns and rig down casing crew
	0440									Hold safety meeting with rig crew
										Hook up to Halliburton
										Job procedure for 7 inch
	0456						0/2500			Pressure test lines
	0457	5.0	5.0				0/275			Start fresh water ahead
	0548	5.0	10.0				320			Start gel ahead
	0501	5.5	19.0				350			Start 25 sacks of scavenger cement @ 10#/gal
	0505	6.0	31.5				270			Start 70 sacks of primary cement @ 13.2#/gal
	0510									Shut down and release shut off plug
	0512	6.0	30.0				0/100			Start fresh water displacement
	0519	6.0	90.0				130			Start mud displacement
	0521	9.0					130/310			Increase rate
	0526	2.0					280/D			Slow down rate to go through MSC tool

