

PPA 030403

ORIGINAL

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

Operator: License # 4549
Name: Anadarko Petroleum Corporation
Address 1201 Lake Robbins Drive
City/State/Zip The Woodlands, TX 77380
Purchaser: _____
Operator Contact Person: Jerry N. Blossom
Phone (832) 636-3128
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606

API NO. 15- 055-21826 - 0000
County Finney
SE - SW - NW - NW Sec. 15 Twp. 25 S. R. 34 E W
1063 N Feet from S/N (circle one) Line of Section
530 W Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE **NW** SW
Lease Name HJV Brown M Well # 1
Field Name Orange J
Producing Formation Upper Morrow

Designate Type of Completion **AUG 11 2004**
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

Elevation: Ground 2957' Kelley Bushing 2964'
Total Depth 5200' Plug Back Total Depth 5126'
Amount of Surface Pipe Set and Cemented at 1953 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.

If Workover/Reentry: 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. _____
3/30/04 4/6/04 4/27/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

Drilling Fluid Management Plan AK 1008-11-04
(Data must be collected from the Reserve Pit)
Chloride content 1250 ppm Fluid volume 750 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ 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 [Signature]
Title State Env't. & Regulatory Analyst Date 8-10-04
BERTHA COSTON
NOTARY PUBLIC
Subscribed and sworn to before me on 10 day of August,
STATE OF TEXAS
Notary [Signature]
Date Commission Expires _____

KCC Office Use ONLY
No Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
No Geologist Report Received
_____ UIC Distribution

Operator Name Anadarko Petroleum Corporation Lease Name HJV Brown M Well # 1
 Sec. 15 Twp. 25 S.R. 34 East West County Finney

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 all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: Micro Resistivity, Compensated Sonic, Compensated Neutron, Array Induction Log	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> Log</td> <td colspan="2" style="text-align: center;">Formation (Top), Depth and Datums</td> <td style="text-align: center;"><input type="checkbox"/> Sample</td> </tr> <tr> <td style="text-align: center;">Name</td> <td style="text-align: center;">Top</td> <td colspan="2" style="text-align: center;">Datum</td> </tr> <tr> <td>Chase</td> <td style="text-align: center;">2500'</td> <td colspan="2" style="text-align: center;">457'</td> </tr> <tr> <td>Council Grove</td> <td style="text-align: center;">2754'</td> <td colspan="2" style="text-align: center;">203'</td> </tr> <tr> <td>Morrow</td> <td style="text-align: center;">4764'</td> <td colspan="2" style="text-align: center;">-1807"</td> </tr> <tr> <td>St. Gen</td> <td style="text-align: center;">4883'</td> <td colspan="2" style="text-align: center;">-1926'</td> </tr> <tr> <td>St. Louis</td> <td style="text-align: center;">4939'</td> <td colspan="2" style="text-align: center;">-1982'</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums		<input type="checkbox"/> Sample	Name	Top	Datum		Chase	2500'	457'		Council Grove	2754'	203'		Morrow	4764'	-1807"		St. Gen	4883'	-1926'		St. Louis	4939'	-1982'	
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CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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"	22.8	1953'	Midcon/Prem	690	2-3% CC
Production	7-7/8"	5-1/2"	15.5	5198'	50/50 POZ	255	5%KC1

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
6	Perfs: 4824' -4831'	Acidize with 1000 gal 7.5% FeHCl	4824'

TUBING RECORD		Size <u>2-7/8"</u>	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>5/2/04</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 Bbls. <u>139</u>	Gas Mcf <u>0</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio	Gravity <u>29.2</u>

Disposition of Gas: Vented Sold Used on Lease Open Hole Perforation Dually Comp. Commingled Other (Specify) _____

METHOD OF COMPLETION

Production Interval

(If vented, submit ACO-18.)

HALLIBURTON JOB SUMMARY

REGION Central Operations	NWA / COUNTRY Mid Continent/USA	SALES ORDER NUMBER 3003535	TICKET DATE 03/31/04
MBU ID / EMPL # MCL / 10104	H.E.S. EMPLOYEE NAME JOHN WOODROW	BDA / STATE MC/Ks	COUNTY MORTON
LOCATION LIBERAL	COMPANY ANADARKO PETROLEUM CORP	P&L DEPARTMENT Cement	CUSTOMER REP / PHONE KENNY PARKS 620-629-5136
TICKET AMOUNT \$17,892.24	WELL TYPE 01 Oil	API/WUI #	
WELL LOCATION GARDEN CITY,KS.	DEPARTMENT CEMENT	SAP BOMB NUMBER 7521	Cement Surface Casing
LEASE NAME HJV BROWN	Well No. M-1	SEC / TWP / RNG 15 - 35S - 34W	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL,KS.

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HR	HR	HR	HR
Woodrow, J 105848	5.5	Archuleta, M 226381	3.0	
Oliphant, C 243055	5.5	Pollock, T 106089	3.0	

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H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10415641	130	50		
10011407 / 10011306	130	50		

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WICHITA, KS

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
	3/31/2004	3/31/2004	3/31/2004	4/1/2004

Time	1600	1900	2242	0000
------	------	------	------	------

Tools and Accessories

Type and Size	Qty	Make
Float Collar INSERT 8 5/8	1	H
Float Shoe		
Centralizers REG 8 5/8	5	A
Top Plug 5-W 8 5/8	1	
HEAD Q/L 8 5/8	1	L
Limit clamp	1	
Weld-A	1	C
Guide Shoe REG 8 5/8	1	
BASKET 8 5/8	1	O

Well Data

Casing	New/Used	Weight	Size	Grade	From	To	Max. Allow
Liner	New/Used	24#	8 5/8"		KB	1,963	
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4"				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	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
3/31	5.5	3/31	2.0	Cement Surface Casing
Total	5.5	Total	2.0	

SEE JOB LOG
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Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM Disp.	Overall
Feet 44	Cement Left in Pipe Reason	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	540	MIDCON C		3% CC - 1/2# FLOCELE - .1% FWCA	17.98	2.94	11.40
2	150	PREM PLUS		2% CC - 1/4# FLOCELE	6.30	1.34	14.80
3							
4							

Summary

Circulating Breakdown	Displacement	Preflush: BBI	Type:
Lost Returns-Y	MAXIMUM	Load & Bkdn: Gal - BBI	Pad:Bbl -Gal
Cmt Rtm#Bbl	Lost Returns-N	Excess /Return BBI	60
Average	Actual TOC	Calc. TOC:	121.3
Shut In: Instant	Frac. Gradient	Treatment: Gal - BBI	Actual Disp.
	5 Min.	Cement Slurry BBI	122.00
		Total Volume BBI	317.0
			439.00

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

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____
Kenny Parks
 SIGNATURE

HALLIBURTON JOB LOG			TICKET # 3003535	TICKET DATE 03/31/04
REGION Central Operations	NWA / COUNTRY Mid Continent/USA	BDA / STATE MC/Ks	COUNTY MORTON	
MBU ID / EMPL # MCL / IO104	H.E.S EMPLOYEE NAME JOHN WOODROW	PSL DEPARTMENT Cement		
LOCATION LIBERAL	COMPANY ANADARKO PETROLEUM CORP	CUSTOMER REP / PHONE KENNY PARKS	620-629-5136	
TICKET AMOUNT \$17,892.24	WELL TYPE 01 Oil	API/UVI #		
WELL LOCATION GARDEN CITY, KS.	DEPARTMENT CEMENT	JOB PURPOSE CODE Cement Surface Casing		
LEASE NAME HJV BROWN	Well No. M-1	SEC / TWP / RNG 15 - 35S - 34W	HES FACILITY (CLOSEST TO WELL) 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
Woodrow, J 105848	5.5	Archuleta, M 226381	3				
Oliphant, C 243055	5.5	Pollock, T 106089	3				

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate			Job Description / Remarks
				N2	CSG.	Tbg	
	1900						JOB READY
	1600						CALLED OUT FOR JOB
	1900						PUMP TRUCK ON LOCATION / PRE JOB SITE ASSESMENT
	1915						SPOT EQUIP. / RIG UP
	2015						START RUNNING 8 5/8 CASING & FLOAT EQUIP.
	2215						CASING ON BOTTOM (1953 FT.)
	2225						HOOK UP 8 5/8 P/C & CIRCULATING IRON
	2230						START CIRCULATING WITH RIG PUMP
							HOLD PRE JOB SAFETY MEETING
	2240						THROUGH CIRCULATING / HOOK UP TO PUMP TRUCK (JOB PROCEDURE)
	2242					1500	TEST PUMP & LINES
	2244	6.0	238.0			250	START MIXING 540 SKS LEAD CMT. @ 11.4#/GAL
	2328	6.0	35.0				START MIXING 150 SKS TAIL CMT. @ 14.8#/GAL
							THROUGH MIXING CMT. / SHUT DOWN
	2340	6.0				180	RELEASE PLUG / START DISPLACING
	2345		60.0				HAVE 60 BBLs. OUT / HAVE CMT. RETURNS TO SURFACE
	2355		112.0			500-450	HAVE 110 BBLs. OUT / SHUT DOWN / STAGE CMT
	2357	2.0					MOVE CMT
	0000					530	MAX LIFT PRESSURE BEFORE LANDING PLUG
	0000		123.0			1000	PLUG DOWN / RELEASE FLOAT
							FLOAT HELD
							CIRCULATED 60 BBLs. / 115 SKS TO SURFACE
							THANK YOU FOR CALLING HALLIBURTON !!!! (WOODY & CREW)



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HALLIBURTON JOB LOG				TICKET # 3016252	TICKET DATE 04/07/04
REGION Central Operations		NWA / COUNTRY Mid Contitnent/USA		BDA / STATE MC/KS	COUNTY FINNEY
NBU ID / EMPL # MCLIO103 106304		H.E.S EMPLOYEE NAME TYCE DAVIS		PSL DEPARTMENT Cement	
LOCATION LIBERAL		COMPANY ANADARKO PETROLEUM CORP		CUSTOMER REP / PHONE KENNY PARKS 629-5136	
TICKET AMOUNT \$11,872.64		WELL TYPE 02 Gas		API/WVI #	
WELL LOCATION LAND S. HOLCOMB		DEPARTMENT CEMENT		JOB PURPOSE CODE Cement Production Casing	
LEASE NAME HJV BROWN		Well No. M-1		SEC / TRF / RNG 15 - 25S - 34W	
				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
Davis, T 106304	8						
Wille D. 225409	8						
Pollock, T 106089	8						

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate			Press. (PSI)	Job Description / Remarks
				N2	C&G	T&g		
	0300							CALLED OUT FOR JOB
	0530							ON LOCATION RIG L.D.D.P.
	0730							OUT OF HOLE W/DP RIG UP CASERS
	0800							START CASING AND FE
	1130							CASING ON BOTTOM HOOK UP PC AND CIRC LINES
	1135							BREAK CIRC W/RIG
	1140							CIRC TO PIT
	1220							THRU CIRC HOOK LINES TO PT
	1226					3000		PSI TEST LINES
	1228	3.0				200		PUMP H20 SPACER
	1231							SHUT DOWN PLUG RAT AND MOUSE
	1239	6.5	23.0			300		PUMP 25SX PREM 50/50 AT 10#
	1243	6.0	59.0			100		PUMP 205SX PREM 50/50 AT 13.2#
	1256							SHUT DOWN DROP PLUG AND WASH UP
	1301	7.0	123.0			80		PUMP DISPLACEMENT
	1314	7.0	123.0			80-150		90 BBLs IN LIFT CEMENT
	1319	2.0	123.0			550		113 BBLs IN SLOW RATE
	1322	2.0	123.0			650-1050		LAND PLUG
	1323		123.0			1050-0		RELEASE FLOAT HELD
	1324					0-2000		TEST CASING
	1327					2000-0		RELEASE
	1330							JOB OVER

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