

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

PPPA 040407

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
Wellsite Geologist: _____

API NO. 15- 189-22469 - 0000
County Stevens
____ - CSE - SW - SE Sec. 26 Twp. 34 S. R. 39 E W
330 S Feet from S/W (circle one) Line of Section
1650 E Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name Sullivan Well # B-2
Field Name Wildcat
Producing Formation Morrow

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

Elevation: Ground 3299' Kelley Bushing 3306'
Total Depth 6840' Plug Back Total Depth 6514'
Amount of Surface Pipe Set and Cemented at 6538' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet

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. _____
5/4/04 5/13/04 6/8/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

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If Alternate II completion, cement circulated from _____
feet depth _____ w/ _____ sx cmt.
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 1650 ppm Fluid volume 750 bbls
Dewatering method used _____
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 Jerry N. Blossom
Title Staff Envr. & Regulatory Analyst Date 9-10-04
BERTHA GOSTON
NOTARY PUBLIC
STATE OF TEXAS
Subscribed and sworn to before me this 10 day of September,
Bertha Goston
Notary Public MY COMM. EXP. DEC. 3, 2006
Date Commission Expires 12-3-05

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

Operator Name Anadarko Petroleum Corporation

Lease Name Sullivan Well # B-2

Sec. 26 Twp. 34 S.R. 39 East West

County Stevens

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	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums		<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chase	2594'	705'	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Council Grove	2930'	369'	
List All E.Logs Run:		Marmaton	5070'	-1771'	
Array Induction; Compensated Neutron/Micro Resistivity; Micro Resistivity; Compensated Sonic/Integrated Transit Time		Morrow	5892'	-2593'	
		St. Louis	6728'	-3429'	

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	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	22.8	1740'	Midcon/Prem	570	2-3% CC
Production	7-7/8"	5-1/2"	15.5	6538'	50/50 POZ	245	5% KCl

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 checked="" type="checkbox"/> Plug Off Zone	6382-6394	Class H	25	

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	6393' - 6394'		
6	5984' - 5990'	Acidize/500 gal HCl	5984'
6	6342' - 6370'		

TUBING RECORD	Size N/A	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method				
N/A	<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease Open Hole Perforation Dually Comp. Commingled

(If vented, submit ACO-18.) Other (Specify) _____

METHOD OF COMPLETION _____

Production Interval _____

JOB SUMMARY

REGION Central Operations	NWA / COUNTRY Mid Continent/USA	BDA / STATE MC/Ks	COUNTY STEVENS
WELL ID / EMPL # MCL10110 / 217398	H.E.S. EMPLOYEE NAME Mickey Cochran	PSL DEPARTMENT Cement	
LOCATION LIBERAL	COMPANY ANADARKO PETROLEUM CORP	CUSTOMER REP / PHONE 30 KENNY PARKS 629-5136	
TICKET AMOUNT \$11,937.38	WELL TYPE 01 Oil	API/UWI #	
WELL LOCATION WEST OF LIBERAL, KS	DEPARTMENT ZI	SAP BOMB NUMBER 7523	Cement Production Casing
LEASE NAME SULLIVAN	Well No. B-2	SEC / TWP / RNG 26 - 34S - 39W	HES FACILITY (CLOSEST TO WELL SITE) Liberal, Ks

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Cochran, M 217398	10.5			
Smith, B	10.5			
Howard, A 285427	10.5			
	10.5			

H.E.S. UNIT #S / (R/T MILES)	R/T MILES	R/T MILES	R/T MILES	R/T MILES
10415641	66			
10589601	66			
10240236/10240245	15			

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
	5/14/2004	5/15/2004	5/15/2004	5/15/2004
Time	2230	0100	0915	1015

Tools and Accessories

Type and Size	Qty	Make
Float Collar INSERT	1	H
Float Shoe		O
Centralizers	15	W
Top Plug	1	C
HEAD	1	H O
Limit clamp	1	O
Weld-A	1	W
Guide Shoe	1	C
BTM PLUG		O

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	15.5	5 1/2		0	6,550	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			7 7/8				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	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location

Date	Hours	Date	Hours
5/15	10.0	5/15	1.0
Total		1.0	

Operating Hours

Date	Hours
5/15	1.0
Total	

Description of Job
Cement Production Casing

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 HUTCHINSON, KS

Ordered _____	Hydraulic Horsepower _____	Used _____
Treating _____	Average Rates in BPM _____	Overall _____
Feet 22	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		5%KCL - 5%CALSEAL - 6#GILSONITE - .5%HALAD-322 -	33.84	5.22	10.00
2	195	50/50 POZ PP		5%KCL - 5%CALSEAL - 6#GILSONITE - .5%HALAD-322 -	7.43	1.62	13.20
3	25	50/50 POZ PP		5%KCL - 5%CALSEAL - 6#GILSONITE - .5%HALAD-322 -	7.43	1.62	13.20
4							

Summary

Circulating _____	Displacement _____	Preflush: BBI _____	10.00	Type: FRESH H2O
Breakdown _____	MAXIMUM _____	Load & Bkdn: Gal - BBI _____		Pad:Bbl - Gal _____
Lost Returns-Y _____	Lost Returns-N _____	Excess /Return BBI _____		Calc.Disp Bbl _____
Cmt Rtm#Bbl _____	Actual TOC _____	Calc. TOC: _____		Actual Disp. _____
Average _____	Frac. Gradient _____	Treatment: Gal - BBI _____		Disp:Bbl _____
Shut In: Instant _____	5 Min. _____ 15 Min. _____	Cement Slurry BBI _____	87.0	
		Total Volume BBI _____	253.00	

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

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

HALLIBURTON JOB LOG				TICKET # 3078884	TICKET DATE 05/14/04
REGION Central Operations		NWA / COUNTRY Mid Continent/USA		BDA / STATE MC/Ks	COUNTY STEVENS
MBU ID / EMPL # MCLI0110 / 217398		H.E.S EMPLOYEE NAME Mickey Cochran		PSL DEPARTMENT Cement	
LOCATION LIBERAL		COMPANY ANADARKO PETROLEUM CORP		CUSTOMER REP / PHONE KENNY PARKS 629-5136	
TICKET AMOUNT \$11,937.38		WELL TYPE 01 Oil		API# / W#	
WELL LOCATION WEST OF LIBERAL, KS		DEPARTMENT ZI		JOB PURPOSE CODE Cement Production Casing	
LEASE NAME SULLIVAN		Well No. B-2	SEC / TWP / RNG 26 - 34S - 39W	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
Cochran, M 217398	10.5						
Smith, B	10.5						
Howard, A 285427	10.5						
	10.5						

Chart No.	Time	Rate (BPM)	Volume		Rate		Press. (PSI)		Job Description / Remarks
			(BBL/GAL)	(GAL)	(GPM)	(GAL)	(CSG)	(TDB)	
5-15	0230								JOB READY
	2300								PRETRIP SAFTY MEETING
	0130								ARRIVE ON LOCATION
	0135								PREJOB SAFTY MEETING W/ HALLIBURTON CREW
	0140								SPOT EQUIPMENT
	0145								RIG UP EQUIPMENT
	0330								START CASING
	0800								CASING ON BOTTOM & TRY TO CIRCULATE W/ RIG PUMP(S)
	0918						3000		PRESSURE TEST PUMPS & LINES
	0920	6.0	10.0				500		START FRESH H2O
	0922	6.0	23.0				500		START LEAD CEMENT 25 SKS @ 10#
	0925	6.0	56.0				400		START TAIL CEMENT 195 SKS @ 13.2#
	0936								SHUT DOWN & WASH PUMP & LINES
	0936								DROP PLUG
	0942	6.0	0				70		START DISPLACEMENT W/ CLAY-FIX & CLAY-STA
	1002	6.0	118.0				200		DISPLACEMENT CAUGHT CEMENT
	1008	2.0	147.0				750		SLOW RATE
	1011	2.0	157.0				2000		BUMP PLUG
	1014						0		RELEASE ----- FLOAT HELD
	1014								END JOB
							850		PRESSURE BEFORE PLUG LANDED

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THANK YOU FOR CALLING HALLIBURTON
MICKEY & CREW

HALLIBURTON JOB LOG				TICKET #	3060137	TICKET DATE	05/05/04
REGION		NWA / COUNTRY		BDA / STATE	COUNTY		
Central Operations		Mid Continent/USA		MC/Ks	STEVENS		
MBU ID / EMPL #		H.E.S EMPLOYEE NAME		PSL DEPARTMENT			
MCLIO103 106304		TYCE DAVIS		Cement			
LOCATION		COMPANY		CUSTOMER REP / PHONE		API/UVI #	
LIBERAL		ANADARKO PETROLEUM CORP		KENNY PARKS		620-629-5136	
TICKET AMOUNT		WELL TYPE		JOB PURPOSE CODE			
\$13,941.11		02 Gas		Cement Surface Casing			
WELL LOCATION		DEPARTMENT		HES FACILITY (CLOSEST TO WELL S			
LAND SW FETERITA		CEMENT		Liberal Ks.			
LEASE NAME		Well No.	SEC / TWP / RNG		HES EMP NAME/EMP # (EXPOSURE HOURS)		
SULLIVAN		B-2	26 - 34S - 39W				

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	4.5						
Wille D. 225409	4.5						
Olds, R 306196	4.5						
Ferguson, R 106154	4.5						

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate			Job Description / Remarks
				N2	CSG.	Tbg	
	1630						CALLED OUT FOR JOB
	1900						ON LOCATION RIG READY TO RUN CASING
	1910						START CASING AND FE
	2055						CASING ON BOTTOM HOOK UP PC AND CIRC LINES
	2100						BREAK CIRC W/RIG
	2105						CIRC TO PIT
	2120						THRU CIRC HOOK LINES TO PT
	2123						PSI TEST LINES
	2128	7.0	220.0		200		PUMP 420SX P+MC @ 11.4#
	2201	6.0	36.0		200		PUMP 150SX P+ @ 14.8#
	2211						SHUT DOWN DROP PLUG
	2212	7.0	109.0		100		PUMP DISPLACEMENT
	2231	2.0	109.0		400		99 BBL IN SLOW RATE
	2235	2.0	109.0		430-1000		LAND PLUG
	2236				1000-0		RELEASE FLOAT——DID NOT HOLD
	2237				350-900		PSI UP AND RELEASE FLOAT——DID NOT HOLD
	2240				600		SHUT IN CASING
	2240						JOB OVER

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 WICHITA, KS

CIRCULATED CEMENT TO SURFACE ✓



September 10, 2004

Ms. Sharon Ahtone
Kansas Corporation Commission
Conservation Division
130 S. Market-Room 2078
Wichita, KS 67202-3802

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CONSERVATION DIVISION
WICHITA, KS

**RE: Well Completion Documents
Sullivan B-1 (API 15-189-22469)
Sec. 26, T34S, R39W
Stevens County**

Dear Ms. Ahtone:

Please find enclosed the completion documents listed below for the above-mentioned well.

Form ACO-1
Logs
Cement Reports
Form CP-4

If you need any additional information, please contact me at (832) 636-3128.

Sincerely,

A handwritten signature in black ink, appearing to read "Jerry N. Blossom".

Jerry N. Blossom
Staff Environmental & Regulatory Analyst

Enclosures