

CONFIDENTIAL

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

API No. 15- 189-22319-0000
County STEVENS
155' E OF C - NW - NE Sec. 22 Twp. 32 Rge. 39 X W

ORIGINAL

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: N/A

Operator Contact Person: SHAWN YOUNG

Phone (316) 624-6253

Contractor: Name: NORSEMAN DRILLING

License: 3779

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR Other (Core, WSP, Expt., Cathodic, etc)

Dry

If Workover: _____

Operator: _____

Well Name: FROM CONFIDENTIAL

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

9-22-1999 10-2-1999 11-5-1999

Spud Date Date Reached TD Completion Date

660 Feet from NX (circle one) Line of Section

1825 Feet from EX (circle one) Line of Section

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

Lease Name RHINEHART "B" Well # 3

Field Name SIMMONS

Producing Formation NONE

Elevation: Ground 3216.3 KB _____

Total Depth 6320 PBD 0

Amount of Surface Pipe Set and Cemented at 1757 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 D2A 89 7-14-00
(Data must be collected from the Reserve Pit)

Chloride content 900 ppm Fluid volume 700 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. 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 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 L. Marc Harvey 11-23-99

Title DRILLING TECHNICAL ASSISTANT Date 11-23-99

Subscribed and sworn to before me this 23 day of November

19 99

Notary Public Tammy Cranford

Date Commission Expires 3/22/2000

K.C.C. OFFICE USE ONLY		
F <input checked="" type="checkbox"/>	Letter of Confidentiality Attached	
C <input checked="" type="checkbox"/>	Wireline Log Received	
C <input type="checkbox"/>	Geologist Report Received	
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

TAMMY CRANFORD
Notary Public - State of Kansas
My Appt. Expires 3/22/2000

X

Operator Name ANADARKO PETROLEUM CORPORATION

Lease Name RHINEHART "B"

Well # 3

Sec. 22 Twp. 32 Rge. 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 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 Z, CNL-LDT, ML, DIL.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
COUNCIL GROVE	2730	
HEEBNER	3914	
TORONTO	3922	
LANSING	4015	
MARMATON	4750	
CHEROKEE	5240	
MORROW	5510	
CHESTER	5970	
STE. GENEVIEVE	6076	
ST. LOUIS	6190	

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	1757	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	6121	PREM PLUS/ PREM PLUS. TOC @ 3770	418/67 FOAMED	NEAT/NEAT

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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	
	4	5952-56, CIBP @ 5940.		NONE
4	5906-24, CIBP @ 5900.		ACID: 900 GAL 7 1/2% HCL FRAC: 23000 GAL GEL & 9800# 12/20 SD.	
4	5168-72, 5196-5202, 5240-50		ACID: 2000 GAL 15% HCL	
4	5830-5840		NONE	
TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. D&A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

NONE- TO P&A



JOB SUMMARY

ORDER NO. 70006

TICKET #	166867	TICKET DATE	9-23-99
BDA / STATE	KS	COUNTY	STEIENS
PSL DEPARTMENT	ZONAL ISOLATION		
CUSTOMER REP / PHONE	JIA DARLOW (281) 543-2343		
API / UWI #			
JOB PURPOSE CODE	OP 8 5/8 SURFACE		

REGION	North America	NWA/COUNTRY	MID CON
MBU ID / EMP #	MPAD109 106332	EMPLOYEE NAME	JAMES GUTHRIE
LOCATION	PAMPA TX	COMPANY	ANADARKO PETRO. CORP.
TICKET AMOUNT	\$ 7029.71	WELL TYPE	GAS O2
WELL LOCATION	NW OF HUGOTON KS	DEPARTMENT	CEMENT
LEASE / WELL #	RAINEHART B-3	SEC / TWP / RNG	SEC 22-32.5-39W

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HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	J. GUTHRIE 5	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	R. FERGUSON 5	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS		HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	
	106332		706154				
	T. OSBY 5						
	106007						

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
421327	360						
53777-78324	360						
54029-6610	40						

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 1/2" x 1 1/2" x 1 1/2"	1	
Float Shoe		
Guide Shoe	1	
Centralizers	5	
Bottom Plug		
Top Plug	1	
Head	1	
Packer		
Other WELDA	1 LB	

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
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
9-22-99	20:30	9-23-99	01:30	9-23-99	04:30
					05:30

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	23	8 5/8	KB	1769
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	
				CMT 8 5/8 SURFACE AS DIRECTED
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER

ORDERED	Avail.	Used
TREATED	AVERAGE RATES IN BPM	
	Disp.	Overall
FEET 412	CEMENT LEFT IN PIPE	
	Reason	SHORT SOIWT

RELEASED NOV 24 2001 FROM CONFIDENTIAL

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	355	PT MIDCON	BULK	370CC 1/2" x 1/4" FLOCLUB, 1.1% FWCA	2.39	11.4
	100	PRM PLUS	BULK	270CC 1/4" x 1/4" FLOCLUB	1.32	14.9
				RECEIVED		
				STATE CORPORATION COMMISSION		

Circulating	Displacement	Preflush:	Gal - BBI	Type
Breakdown	Maximum	Load & Bkdn:	Gal - BBI	Pad: BBI - Gal
Average	Frac Gradient	Treatment	Gal - BBI	Disp: BBI Gal 110
Shut In: Instant	5 Min	Cement Slurr	Gal - BBI 206	
		Total Volume	Gal - BBI	

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
THE INFORMATION STATED HEREIN IS CORRECT			
CUSTOMER'S REPRESENTATIVE SIGNATURE			

Signature: Jim Darlow



JOB LOG

ORDER NO. 70006

TICKET # **166867** TICKET DATE **9-23-99**

REGION North America	NW/COUNTRY MID CON	BDA / STATE KS	COUNTY STEPHENS
MBU ID / EMP # PCP0109 106332	EMPLOYEE NAME JAMES GATHRIE	PSL DEPARTMENT ZONAL ISOLATION	
LOCATION CAMP 2 TA	COMPANY ANADARKO PETRO. CORP	CUSTOMER REP / PHONE JIM BARLOW (281) 543-2343	
TICKET AMOUNT 7025.71	WELL TYPE GAS OZ	API / UWI #	ORIGINAL
WELL LOCATION NW of HALLIBURTON KS	DEPARTMENT CEMENT	JOB PURPOSE CODE OP 876 SURFACE	
LEASE / WELL # RHINEHART B-3	SEC / TWP / RNG SEC 22-325-39W		

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
J. GATHRIE 106332 5	R. FENGHSTON 106154 5		
T. OSBY 106007 5			

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CHART NO.	TIME	RATE (BPM)	VOLUME (BBU) (GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	2030							CALLIN OLT
	0130							ON LOCATION
	0135							SAFETY MEETING
	0140							SET UP
	0215							RUN FLOAT 1300
	0430							ON BOTTOM CIRCULATOR WITH NIG
	0435							SWITCH TO PUMP TRUCK
	0437					2000		PSI TEST
	0440	6	206			300 TO 230		PUMP CMT
	0520							SHUT DOWN & DROP PLUG
	0522	6	90			440 TO 500		DISPLACE
	0539	2.5	10			390		SLOW RATE
	0544	1.5	10			415		SLOW RATE
	0550					440 TO 685		BUMP PLUG
	0551							RELEASED PSI AND FLOAT HELD
								CIRCULATED ABOUT 45 BBS CMT

RELEASED

NOV 24 2001

FROM CONFIDENTIAL

STATE OF KANSAS

NOV 29 1999

CONSERVATION DIVISION
Topeka, Kansas



JOB LOG 4239-5

REGION North America	NWA/COUNTRY	TICKET # 10001	TICKET DATE 11
MBU ID / EMP #	EMPLOYEE NAME	BDA / STATE	COUNTY
LOCATION	COMPANY	PSL DEPARTMENT	ORIGINAL CONFIDENTIAL
TICKET AMOUNT \$10182.20	WELL TYPE	CUSTOMER REP / PHONE	
WELL LOCATION	DEPARTMENT	API / UWI #	
LEASE / WELL #	SEC / TWP / RNG	JOB PURPOSE CODE	

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
B. Sauber 106012 16	T. Labarge 16		
S. Tate 16	J. Bruce 16		
S. Owens 16			
Rena 105969 16			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0700							ON LOC. RIG Laying Down / DP
	1103							lay down mouse + RAT - nipple down
	1300							start csg
	1600							install head
	1618							well circulating 750 PSI
	1730							mix cement for plus
								pumped 3RBL Rat Hole 2 RBL mouse hole
								25 SKS 1019
	800							safety meeting
	1815							press test
	1826	2.5				3000		start 20RBL No mud
	1836	2.0						start 8RBL FW spacer
	1845					400		start No Cement
	1908	1.6				665		stage 4539 soap
	1923	1.9				728		stage cement 4691
	1930							wash pump lines
	1934	3				621		start Disp
	1950	1.5						45RBL slow Rate Last circulation
	2018					700		Bump Plus test csg to 3000 PSI
								Release Press Float Held
								shut in Flow Lines
								Job complete Rig down

RELEASED

NOV 24 2001

FROM CONFIDENTIAL

STATE OF TEXAS
NOV 24 2001
WELL LOG