

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

API NO. 15- 189-22331-0000
County STEVENS
C - N/2 - NW - NW Sec. 22 Twp. 32 Rge. 39 X E/W

Operator: License # 4549

330 Feet from N/X (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

660 Feet from X/W (circle one) Line of Section

Address P. O. BOX 351

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

City/State/Zip LIBERAL, KANSAS 67905-0351

Lease Name JENKINS "C" Well # 3

Purchaser: ANADARKO ENERGY SERVICES

Field Name SIMMONS U. MORROW AREA

Operator Contact Person: SHAWN YOUNG

Producing Formation U. MORROW

Phone (316) 624-6253

Elevation: Ground 3238.3 KB 3250.3

Contractor: Name: BIG "A" DRILLING

Total Depth 6100 PBDT 5725

License: 31572

Amount of Surface Pipe Set and Cemented at 1762 Feet

Wellsite Geologist: _____

Multiple Stage Cementing Collar Used? X Yes _____ No

Designate Type of Completion

If yes, show depth set 3266 Feet

X New Well _____ Re-Entry _____ Workover _____

If Alternate II completion, cement circulated from _____

Oil _____ SWD _____ SIOW _____ Temp. Abd.
X Gas _____ ENHR _____ SIGW _____
Dry _____ Other (Core, WSW, Expl., Cathodic, etc) _____

feet depth to _____ w/ _____ sx cmt.

If Workover: _____

Drilling Fluid Management Plan ALT 2 4/2/01 (IB)
(Data must be collected from the Reserve Pit)

Operator: _____

Chloride content 700 ppm Fluid volume 700 bbls

Well Name: _____

Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

Deepening _____ Re-perf. _____ Conv. to Inj/SWD _____
Plug Back _____ PBDT _____
Commingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SWD or Inj?) _____ Docket No. _____

RELEASED

Operator Name _____

Lease Name APR 25 2002 License No. _____

2-2-2000 2-13-2000 2-19-2000
Spud Date Date Reached TD Completion Date

Quarter Sec. Twp. S Rng. E/W

County FROM CONFIDENTIAL 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.

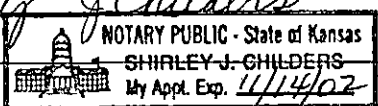
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature L. Marc Harvey
Title DRILLING TECHNICAL ASSISTANT Date 3-2-2000

Subscribed and sworn to before me this 2nd day of March 19 2000

Notary Public Shirley J Childers

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC _____ SWD/Rep _____ NGPA
 KGS _____ Plug _____ Other _____
(Specify)

X

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name JENKINS "C" 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, DIL, CNL-LDT-ML, BHC SONIC.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
CHASE	2424	
COUNCIL GROVE	2734	
B/HEEBNER	3960	
MARMATON	4776	
MORROW	5536	
CHESTER	5994	

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	1762	CLASS C/ CLASS C.	395/100	3%CC, 1/4#/SK CF 2CC, 1/4#/SK CF.
PRODUCTION	7-7/8"	5-1/2"	15.5	5780	50/50 POZ/ 50/50 POZ.	25/155	.75% HALAD 322, 10% SALT, 1/4#/SK CF/SAME.
			F.O. TOOL @	3266	MIDCON 2/ 50/50 POZ	50/75	3%CC, 1/4#/SK CF/ .75% HALAD 322, 10% SALT, 1/4#/SK CF.

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	5616-34.	NATURAL.	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	5570'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. 2-20-2000 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		6442			

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Production Interval 5616-34

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~~BIG A to Spud~~ ORIGINAL
BIG A#2 Duane Bell
Dowell cemented Thur Night 2-3-00
#Name?

Schlumberger
Dowell

Service Order

Customer ANADARKO PETROLEUM CORPORATI		Person Taking Call Stephen Cole		Dowell Location Ulysses, KS		Order Date 01/29/2000		Job Number 20142983	
Well Name and Number JENKINS C-3			Legal Location 22-328-39W		Field SIMMONS		County STEVENS		State/Province KS
Rig Name BIG A DRILLING		Well Age New	Sales Engineer Stephen Cole			Job Type Cem Surface Casing			
Time Well Ready:		Deviation 0	BH Size In	Well MD 1,740 ft	Well TVD 1,740 ft	BHP psi	SHOT 80°F	MHT 80°F	
Treat Down Casing	Packer Type None	Packer Depth ft	Wellhead Connection 8 5/8 hs&m		HHP on Location 0	Max Allowed Pressure		Max Allowed Ann Pressure	
Casing					Services Instructions:				
Depth, ft	Size, in	Weight, lb/m	Grade	Thread	8 5/8" SURFACE @ 1740' 365 SK LEAD SLURRY @ 11.4 PPG 100 SK TAIL @ 14.8 PPG				
1740	8.63	24	WC50	BRD	KCC MAR 02 2000 CONFIDENTIAL				
Tubing					Extra Equipment:				
Depth,	Size, in	Weight, lb/ft	Grade	Thread	8 5/8" FLOAT EQUIPMENT: Office fill inerts, TX pattern guide shoe, 1 cement basket, 3 centralizers, top plastic plug, 1 threadlock				
0	0	0							
0	0	0							
Perforated Intervals									
Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft					
				Diameter in					

Contact	Voice	Mobile	FAX	Notes
Jim Barlow	318-624-4350	281-543-2343	318-624-8308	
Stephen Cole	318-624-8432	405-880-3396	318-624-7341	

Notes:
Please take 5 centralizers, they usually use 5.
Ask how many they want to use.
I was asked to bid 3 only.

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Directions:

MAR 6 - 2000

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Other Notes:

Circulated 75 SK TO PIT
Scole

Comments:

Fluid Systems:

LEAD			
395 sk C + 3% D79 + 1/2 pps D29			
Density:	11.4 lb/gal	Thickening Time:	
Yield:	2.87 ft ³ /sk	Viscosity:	cp
H2O Mix:	17.7 gal/sk	Break Time:	
H2O:	6991.5 gal	Eq. Sack Weight:	94 lb
Dowell Code	Concl Amount	Total Quantity	
D029	0.5 lbs/sk	197.5	
D079	3 % BWOB	1113.9	
D903 'C'	94 lbs/sk	37130	

*Cellophane Flakes
CC
Cement*

TAIL			
100 sk C + 2% S1 + 1/4 pps D29			
Density:	14.8 lb/gal	Thickening Time:	
Yield:	1.32 ft ³ /sk	Viscosity:	cp
H2O Mix:	8.38 gal/sk	Break Time:	
H2O:	638 gal	Eq. Sack Weight:	94 lb
Dowell Code	Concl Amount	Total Quantity	
D029	0.25 lbs/sk	25	
S001	2 % BWOB	168	
D903 'C'	94 lbs/sk	9400	

*Cellophane Flakes
CC
Cement*

KCC

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HALLIBURTON **CONFIDENTIAL** **JOB** ORDER NO. 70006 **TICKET #** 447080 **TICKET DATE** 2-14-00 ?

REGION North America **COUNTRY** U.S.A. **BDA / STATE** KS **COUNTY** Stearns

MBU ID / EMP # 1100102 106824 **EMPLOYEE NAME** R. Whentley **PSL DEPARTMENT** ZI

LOCATION Liberal Ks. **COMPANY** Anadarko Petro. Corp. **CUSTOMER REP / PHONE** Jim Barlow ORIGINAL

TICKET AMOUNT **WELL TYPE** 01 **API / UWI #**

WELL LOCATION **DEPARTMENT** ZI **JOB PURPOSE CODE** 035

LEASE / WELL # 20102 @ 3

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)
R. Whentley 106824			REC
D. McInnis 106322			

MAR 02 2000

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420 281							
54038 7794							

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		
Float Shoe		
Guide Shoe		
Centralizers	10	HES
Bottom Plug	1	HES
Top Plug	1	HES
Head	1	HES
Packer		
Other Joint	1	HES

MATERIALS

Treat Fluid	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
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
2-14-00	9:00		2-14-00	2-14-00	2-14-00
			12:30	17:09	19:00

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	new	15.5	5/2	10B	5779.2 x 3000
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	
2-14	6.5	2-14	3.0	5/2 production
TOTAL 6.5		TOTAL 3.0		RECEIVED STATE CORPORATION COMMISSION MAR 6 - 2000 CONSERVATION DIVISION Wichita, Kansas

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HYDRAULIC HORSEPOWER

ORDERED	Avail.	Used

AVERAGE RATES IN BPM

TREATED	Disp.	Overall

CEMENT LEFT IN PIPE

FEET	Reason

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	180	Sol/Sol/200	B.	1.75% H2O2 / 1.32% 10% salt / 1/4% 5% H2O2	1.28	14.4

Circulating	Displacement	Preflush:	Gal - 10	Type: Super Flush
Breakdown	Maximum	Load & Bkdn:	Gal - BBI	Pad: BBI - Gal
Average	Frac Gradient	Treatment	Gal - BBI	Disp: BBI - Gal
Shut In: Instant	5 Min	Cement Slurr	Gal - BBI	277
	15 Min	Total Volume	Gal - BBI	62.7

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

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE *Jim Barlow*

REGION North America	NW/COUNTRY USA	BDA / STATE TX	COUNTY DALLAS
MBU ID / EMP #	EMPLOYEE NAME	PSL DEPARTMENT	ORIGINAL
LOCATION	COMPANY	CUSTOMER REP / PHONE	
TICKET AMOUNT	WELL TYPE	API / UWI #	
WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE	
LEASE / WELL #	SEC / TWP / RNG		

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

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	12:30							ON LOC Set up visit to Pump array set up controller KCC MAR 02 2000 CONFIDENTIAL
	17:09					2500		Start 300 PSI test & release Pump H2O ahead Pump Super Flush H2O sp. name Mic scavenger cont at 10% gal Mic pump cont at 14.4% gal Shut Down Wash Line Release Plug Discharge Load Plug 3000 PSI on Plus Release PSI Rig Down Fill out hole and mouse hole Wash up
	18:00	6 3	137 4			467 3000		
		1	515					

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of LOC
 Thank you
 [Signature]
 Oscar

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JOB SUMMARY CONFIDENTIAL

TICKET # 451301 TICKET DATE 2-17-00

REGION: North America; NW/COUNTRY: CONFIDENTIAL; BDA/STATE: Ks; COUNTY: Stevens; EMPLOYEE NAME: Ron Crist; COMPANY: Anadarko; WELL-TYPE: 02; DEPARTMENT: 5002; API/UWI #: 15-189-22331-0000

ORIGINAL

Table with 4 columns: HES EMP NAME/EMP#/(EXPOSURE HOURS) | HRS. Includes names like R Crist 105943, J Woodrow 105848, W Simms 191712, M Hester 106226.

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Table with 4 columns: HES UNIT NUMBERS | R/T MILES. Lists unit numbers like 420789, 54219-78299, 52847-6612, 421756.

Form Name Type; Form Thickness From To; Packer Type Set At; Bottom Hole Temp. Pressure; Misc. Data Total Depth

Table with 5 columns: DATE, CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Includes times like 1200, 1335, 1415, 1830.

TOOLS AND ACCESSORIES table with columns: TYPE AND SIZE, QTY, MAKE. Lists items like Float Collar, Guide Shoe, Bottom Plug, etc.

WELL DATA table with columns: NEW/USED, WEIGHT, SIZE, FROM, TO, MAX ALLOW. Lists casing and liner details.

MATERIALS table with columns: Treat Fluid, Density, Lb/Gal; Prop. Type, Size, Lb.; Acid Type, Gal., %; etc.

Table with 3 columns: HOURS ON LOCATION, OPERATING HOURS, DESCRIPTION OF JOB. Includes dates MAR 6 2000 and APR 25 2002.

Table with 2 columns: ORDERED, TREATED, FEET. Includes sub-sections for HYDRAULIC HORSEPOWER, AVERAGE RATES IN BPM, CEMENT LEFT IN PIPE.

CEMENT DATA table with columns: STAGE, SACKS, CEMENT, BULK/SKS, ADDITIVES, YIELD, LBS/GAL. Lists stages 50 and 70 with cement types and additives.

Form with fields: Circulating Displacement Preflush; Breakdown Maximum Load & Bkdn; Average Frac Gradient Treatment; Shut In: Instant 5 Min 15 Min Cement Slurr Total Volume

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

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REGION North America	NWA/COUNTRY	BDA / STATE Ks	COUNTY Stevens
MBU ID / EMP #	EMPLOYEE NAME Ron Crst	PSL DEPARTMENT	
LOCATION Liberal Ks	COMPANY Amadante Pet	CUSTOMER REP / PHONE Jim Barlow	ORIGINAL
TICKET AMOUNT	WELL TYPE 02	API / UWI #	
WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE	
LEASE / WELL # Jenkins C-3	SEC / TWP / RNG 22- 325-394		

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
			RCC
			MAR 02 2000

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	RUMPS		PRESS. (psl)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1200							call out
	1335							on location
	1415							Run Tools in Hole, collar locator + opening tool on 2 3/8 Tbg, set up truck
	1620							found port collar at 3266 sub up
	1649					200		Pressure Test + Release
	1653					200		Try to open port collar
	1720	3	10					Port collar open Pump H2O
	1724							shut down + mix Superflush
	1738	3.5	10			190		Pump Superflush
	1741	3	8			160		Pump H2O
	1744	3	28.6			160		Pump GRT
	1750	3	17.6					Pump Tail GHT
	1753	2	15					Pump Dip
	1803							Shut Down Close Tool
	1805							Run 2 JTS
	1815							Reverse out
	1830							Job complete
								Trip to bottom w/ Tubing 2-18:00 AM

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