

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

API NO. 15- 175-21760  
County SEWARD  
90' E OF \_\_\_\_\_ E  
C - W/2 - W/2 - NE Sec. 7 Twp. 35 Rge. 33 X W

Operator: License # 4549

660 Feet from NX (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

900 Feet from EX (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 BLOOM "C" Well # 1

Purchaser: NATIONAL COOPERATIVE REFINING ASSOCIATION

Field Name LIBERAL SE

Operator Contact Person: DAVID W. KAPPLE

Producing Formation CHESTER

Phone (316) 624-6253

Elevation: Ground 2855.0 KB \_\_\_\_\_

Contractor: Name: BIG "A" DRILLING

Total Depth 6900

License: 31572

Amount of Surface Pipe Set and Cemented at 1623 Feet

Wellsite Geologist: \_\_\_\_\_

Multiple Stage Cementing Collar Used? Yes X No \_\_\_\_\_

Designate Type of Completion  
X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

If yes, show depth set \_\_\_\_\_ Feet

X Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW \_\_\_\_\_ Temp. Abd.  
Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW  
Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc.)

If Alternate II completion, cement circulated from \_\_\_\_\_

If Workover:

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Operator: \_\_\_\_\_

Drilling Fluid Management Plan AIF-1, 2-2-99 U.C.  
(Data must be collected from the Reserve Pit)

Well Name: \_\_\_\_\_

Chloride content 1300 ppm Fluid volume 700 bbls

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Dewatering method used DRY, BACKFILL & RESTORE LOCATION

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

Location of fluid disposal if hauled offsite: KCC

10-10-98 11-5-98 12-15-98  
Spud Date Date Reached TD Completion Date

Operator Name JAN 13 1999

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  
L. MARC HARVEY  
Title DRILLING TECHNICAL ASSISTANT Date 1-13-99

Subscribed and sworn to before me this 13<sup>th</sup> day of January 19 99.

Notary Public Fredal Hinz

Date Commission Expires \_\_\_\_\_  
FREDAL HINZ  
Notary Public - State of Kansas  
My Appl. Expires 5-15-99

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

Y903 COPY

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name BLOOM "C" Well # 1

Sec. 7 Twp. 35 Rge. 33  East  West County SEWARD

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: SBT-CCL-GR, DIL, ML, MLL, CNL-LDT, LS SONIC, DIR SURVEY.

Log formation (Top), Depth and Datums  Sample

Name	Top	Datum
CHASE	2623	
COUNCIL GROVE	3004	
HEEBNER	4343	
TORONTO	4374	
LANSING	4505	
MARMATON	5225	
CHEROKEE	5551	
MORROW	5900	
CHESTER	6224	
STE. GENEVIEVE	NOT PRESENT	
ST. LOUIS	6684	
SPERGEN	6855	

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	1623	P+ MIDCON 2/ PREM PLUS	350/100	3%CC, .1%FWCA, 1/2%SK FLC/2%CC 1/2%SK FLC
PRODUCTION	7-7/8"	5-1/2"	15.5	6807	50/50 POZ/ 50/50 POZ	25/100	.75% HALAD 322, 10% SALT, 1/2%SK FLC/SAME

ADDITIONAL CEMENT SQUEEZE RECORD

Purpose:	Depth Top	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	6654-6670.	ACID: 800 GAL 7 1/2% HCL.	6654-6670
2	6623-6645.	ACID: 1100 GAL 7 1/2% HCL.	6623-6645
		FRAC: 39500 GAL GEL & 112000# 20/40 SD.	6623-6645

TUBING RECORD	Size 2 7/8	Set At 6595	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 12/29/98 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil 82 Bbls.	Gas TSTM Mcf	Water 202 Bbls.	Gas-Oil Ratio TSTM	Gravity 42
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Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled Production Interval 6623-6670 (OA)