

FORM MUST BE TYPED

ORIGINAL

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

API NO. 15- 175-21760-0002
County SEWARD
90' E OF
C - W/2 - W/2 - NE Sec. 7 Twp. 35 Rge. 33 X W

Operator: License # 4549

660 Feet from X (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

900 Feet from (circle one) Line of Section

Address 701 S. TAYLOR, STE. 400

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

City/State/Zip AMARILLO, TX 79101

Lease Name BLOOM "C" Well # 1

Purchaser: DUKE ENERGY SERVICES

Field Name LIBERAL SE

Operator Contact Person: CRAIG R. WALTERS, P.E.

Producing Formation U. CHESTER "B"

Phone (.806) 457-4600

Elevation: Ground 2855 KB --

Contractor: Name: BORDER-LINE, INC.

Total Depth 6900 PBDT 6620

License: 7840

Amount of Surface Pipe Set and Cemented at 1623 Feet

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion
New Well Re-Entry X Workover

If yes, show depth set Feet

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

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

If Workover:

Drilling Fluid Management Plan REWORK JRS 7/17/01
(Data must be collected from the Reserve Pit)
NOT APPLICABLE

Operator: ANADARKO PETROLEUM CORPORATION

Chloride content ppm Fluid volume bbls

Well Name: BLOOM C-1

Deaerating method used

Comp. Date 12-15-98 Old Total Depth 6900

Location of fluid disposal if hauled offsite:

Deepening XXX Re-perf. Conv. to SWD
X Plug Back 6618 PBDT
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

4-6-01 -- 5-7-01
Date of START Date Reached TD Completion Date of WORKOVER

RECEIVED
KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
JUN 4 2001

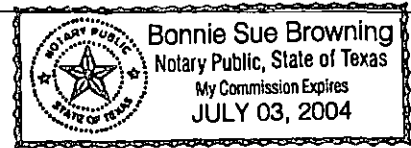
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 Craig R. Walters
Title DIVISION PRODUCTION ENGINEER Date 5/25/2001

Subscribed and sworn to before me this 30 day of May
20 01.
Notary Public Bonnie Sue Browning

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)

SIDE TWO

JAMINO
 Lease Name BLOOM INC

Operator Name ANADARKO PETROLEUM CORPORATION

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:

Log Formation (Top), Depth and Datums Sample
 Name Top Datum

SEE ATTACHED ORIGINAL ACO-1

** Original Completion 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"	24.0	1623	P+ MIDCON 2/ PREM PLUS	350/ 100	3%CC, .1% FWCA, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.
** PRODUCTION	7-7/8"	5-1/2"	15.5	6807	50/50 POZ	125	.75% HALAD 322, 10% SALT

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
2	6579'-6593' (NEW) CIBP @ 6618	ACID W/ 700 GAL 7.25% HCl	6579-6593
2	6654'-6670' + 6623'-6645'		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	6535		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. RESUMED: 2-18-99	Producing Method
	<input checked="" 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
	0	174	7		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval: 6579-6593

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

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: NATIONAL COOPERATIVE REFINING ASSOCIATION

Operator Contact Person: DAVID W. KAPPLER

Phone (316) 624-6253

Contractor: Name: BIG "A" DRILLING

License: 31572

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SICW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

10-10-98 11-5-98 12-15-98

Spud Date Date Reached TD Completion Date

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

660 Feet from (circle one) Line of Section

900 Feet from (circle one) Line of Section

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

Lease Name BLOOM "C" Well # 1

Field Name LIBERAL SF

Producing Formation CHESTER

Elevation: Ground 2855.0 KB _____

Total Depth 6900 PBTD 6759

Amount of Surface Pipe Set and Cemented at 1623 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
(Data must be collected from the Reserve Pit)

Chloride content 1300 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. _____

CONSERVATION DIVISION

JUN 4 2001

RECEIVED
KANSAS CORPORATION COMMISSION

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 1-13-99

Subscribed and sworn to before me this 13th day of February 1999.

Notary Public Freda L. Henz

Date Commission Expires _____

F. L. HENZ
Notary Public - State of Kansas
My Comm. Expires 5-15-99

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)

Operator Name ANADARKO PETROLEUM CORP., ION Lease Name BLOOM "C" Well # 1

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

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.)

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

List All E.Logs Run: SBT-CCL-GR, DIL, ML, MLL, CNL-LDT, LS SONIC, DIR SURVEY.

CASING RECORD							
Report all strings set-conductor, <input checked="" type="checkbox"/> New <input type="checkbox"/> Used, 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, 1/4#SK FLC/2%CC 1/4#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, 1/4#SK FLC/SAME.

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
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: 39508 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. Comingled

Production Interval: 6623-6670 (OA)

Other (Specify) _____