

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 701 S. TAYLOR, STE. 400

City/State/Zip AMARILLO, TEXAS 79101

Purchaser: ANADARKO ENERGY SERVICES

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

Phone (806) 457-4600

Contractor: Name: NA

License: NA

Wellsite Geologist: NA

Designate Type of Completion
 New Well Re-Entry Workover

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

If Workover:

Operator: ANADARKO PETROLEUM CORPORATION

Well Name: WATSON C-1

Comp. Date 12-7-98 Old Total Depth 6100

Deepening Re-perf. Conv. to Inj. SWD
 Plug Back 3062 PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. D-27,742

2-17-01 -- 9-4-01
~~Start~~ Date of START Date Reached TD Completion Date of WORKOVER

API NO. 15- 175-21764 -00-01

County SEWARD

C - SE - SE Sec. 32 Twp. 32 Rge. 32 X E

660 Feet from SX (circle one) Line of Section

660 Feet from EX (circle one) Line of Section

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

Lease Name WATSON C Well # 1

Field Name HUGOTON
U KRIDER, L. KRIDER, HARRINGTON (PRODUCTION), FT. RILEY,
Producing Formation FLORENCE, WREFORD, COUNCIL GROVE (INJECTION)

Elevation: Ground 2804 KB --

Total Depth 6100 PBTD 3062

Amount of Surface Pipe Set and Cemented at 1636 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 REWORK 9/8/02
(Data must be collected from the Reserve Pit)
NOT APPLICABLE

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

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 Craig R. Walters
CRAIG R. WALTERS, P. E.
Title DIVISION PRODUCTION ENGINEER Date 1/18/2002

Subscribed and sworn to before me this 18 day of January
20 02.

Notary Public Lori Pearson

Date Commission Expires 2/26/05

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)



ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION

Lease Name WATSON C

Well # 1

Sec. 32 Twp. 32 Rge. 32
 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:
NONE

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

SEE ATTACHED ORIGINAL ACO-1

RECEIVED

JAN 28 2002

KCC WICHITA

** 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"	23.0	1636		455	
** PRODUCTION	7-7/8"	5-1/2"	15.5	2845		105	

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	3115-3062	3062	37.5	2% CaCl
<input checked="" type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	2604' - 2620' + 2639' - 2650' + 2670' - 2680'		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8 & 2-7/8	2690	2740	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
RESUMED: 4-2-2001	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. DHI	Gas-Oil Ratio	Gravity
	0	13			

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) _____

2604-2680 OA_PROD

2784-3062 OA_INJ.

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

API NO. 15- _____ -175-21764-0000
County SEWARD
_____ C _____ SE _____ SE Sec. 32 Twp. 32 Rge. 32 _____ E
_____ W

Operator: License # 4549

_____ 660 Feet from X(S) (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

_____ 660 Feet from (E)X (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 WATSON "C" Well # 1

Purchaser: NONE-WOPL & PROD EQUIP.

Field Name HUGOTON

Operator Contact Person: DAVID W. KAPPLF

Producing Formation CHASE

Phone (316) 624-6253

Elevation: Ground 2804 KB _____

Contractor: Name: CHEYENNE DRILLING

Total Depth 6100 PBTD 2784

License: 5382

Amount of Surface Pipe Set and Cemented at 1636 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

_____ Oil _____ SWD _____ SIOW _____ Temp. Abd.
_____ Gas _____ ENHR X 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
(Data must be collected from the Reserve Pit)

Well Name: _____

Chloride content 1200 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 _____ PBTD
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

Location of fluid disposal if hauled offsite: _____

10-12-1998 10-20-1998 12-7-1998
Spud Date Date Reached TD Completion Date

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
L. MARC HARVEY

Title DRILLING TECHNICAL ASSISTANT Date 2-5-99

Subscribed and sworn to before me this 5th day of February 19 99.

Notary Public Freda L. Harris

Date Commission Expires _____

Freda L. Harris
Notary Public - State of Kansas
Commission Expires 2-15-99

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)

YCOPY

JAN 20 1988

SIDE TWO

Operator Name ANADARKO PETROLEUM CRATION Lease Name WATSON Well #

Sec. 32 Twp. 32 Rge. 32 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.)

List All E.Logs Run: CBL-CCL-GR, DIL, CNL-LDT, SONIC.

Name	Top	Datum
CHASE	2602	
COUNCIL GROVE	2936	
HEEBNER	4194	
TORONTO	4228	
LANSING	4338	
MARMATON	4992	
CHEROKEE	5182	
MORROW	5510	
CHESTER	5634	
STE. GENEVIEVE	5834	
ST. LOUIS	5930	

RECEIVED
JAN 28 1988
KCC WICHITA

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	1636	P+ MIDCON/ P+	335/100	3%CC, .1%FWCA, 1/2#SK FLC/2CC, 1/2#SK FLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	2845	P+ MIDCON/ P+ MIDCON.	25/80	3%CC, 1/2#SK FLC/ 3%CC, 1/2#SK FLC.

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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	2604-2620, 2639-2650, 2670-2680.
		FRAC: 16500 GAL FOAMED GEL & 35000#	2604-2650 (OA)
		20/40 SD.	

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. SIGW-WOPL & PROD. EQUIP.		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
		260	60	

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: 2604-2680 (OA)