129-21529-0002

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

WELL COMPLETION FORM	CountyMORTON
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	E SWSWNESE_Sec35Twp34Rge42X_W
Operator: License #4549	Feet from (\$\frac{1450}{2}X (circle one) Line of Section
Name:ANADARKO_PETROLEUM_CORPORATION	Feet from(E)X (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/ZipAMARILLO, IX_ 79101	Lease Name <u>WATSON "B"</u> Well #2
Purchaser: ANADARKO ENERGY SERVICES	Field Name <u>GREENWOOD</u>
Operator Contact Person:CRAIG R. WALTERS, P.E	Producing Formation <u>WABAUNSEE</u> , TOPEKA
Phone (_806_)	Elevation: Ground KB
	Total Depth
Contractor: Name: NA	Amount of Surface Pipe Set and Cemented at328 Feet
License:NA	Multiple Stage Cementing Collar Used?X Yes No
Wellsite Geologist:NA	If yes, show depth set 1263 Feet
Designate Type of CompletionNew WellRe-EntryX_Workover	If Alternate II completion, cement circulated from
OilSWDSIOWTemp. AbdXGasENHRSIGW	feet depth to w/ sx cmt.
DryOther (Core, WSW, Expl., Cathodic, etc)	Drilling Fluid Management Plan REWORK 97 7/31/0/ (Data must be collected from the Reserve Pt)
If Workover:	NOT APPLICABLE
Operator:ANADARKO PETROLEUM CORPORATION	Chloride contentppm Fluid volumebbls
Well Name: <u>WATSON B-2</u>	Dewatering method used
Comp. Date10-13-97 Old Total Depth3675  XXX REFRACTURED Re-perf Conv. to Inj/SUD Plug Back PBTD	Location of fluid disposal if hauled offsite:  Operator Name 6-4-0/
Plug Back PBTD CAN Commingled Docket No. Dual Completion Docket No. Other (SWD or Inj?) Docket No.	License No
<del></del>	TwpS RngE/W
	Docket No
OF WORKOVER WORKOVER	
- Room 2078, Wichita, Kansas 67202, within 120 days of the Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of	
All requirements of the statutes, rules and regulations proviith and the statements herein are complete and correct to the	mulgated to regulate the oil and gas industry have been fully complie e best of my knowledge.
Signature Cay K. Worth	K.C.C. OFFICE USE ONLY
CRAIG F. WALTERS, P.E.  Fitle DIVISION PRODUCTION ENGINEER Date	F Letter of Confidentiality Attached C Wireline Log Received
Subscribed and sworn to before me this 30 day of	C Geologist Report Received
20 OT. Hotary Public Donnie Sue Brown	KCC — SWD/Rep — NGPA KGS — Plug — Other
Date Commission Expires	(Specify)
Bonnie Sue Brown	ning
Notary Public, State of 1 My Commission Expires JULY 03, 2004	Form ACO-1 (7-91)

Operator Name <u>ANAD</u>	<u>rko petroleu</u>	(_CORP	ORATION_		Leas	е Мате	WATSO	A nBir	Wel	2			
Sec. <u>35</u> Twp. <u>34</u>	Pae 42		East		Cour	ıt <u>y</u>	MORTO	N					
3ec. <u>32</u> 1wp. <u>34</u>	. Kgc <u>-42</u>	$\boxtimes$	West										
INSTRUCTIONS: Show interval tested, tim hydrostatic pressures if more space is need	me tool open a , bottom hole	and cl e temp	osed, f erature,	lowing	and shut-in	pressu	res, wheti	her shut-in p	ressure rea	ll stem tests g ached static Attach extr	level,		
Drill Stem Tests Take (Attach Additional			Yes 🏻	No		Log	Formati	on (Top), Dep			le		
Samples Sent to Geold	gical Survey		Yes 🛚	No	Name			Тор	Ľ	atum			
Cores Taken			Yes 🛛	No									
Electric Log Run (Submit Copy.)			Yes 🛚	No		I	SEE ATT	ACHED ORIGINAL	ACO-1				
List All E.Logs Run:													
** Original C	,	all st	CASING rings se		🛛 New	ı   □ ee, inte		production, e	tc.				
Purpose of String	Size Hole		Size Cas		Weight		Setting	Type of	# Sacks Used	Type and Pe Additive			
** SURFACE	<u>Drilled</u> 12-1/4"		Set (In 8-5/8		Lbs./Ft. 24.0		Depth 328	Cement CLASS C/ CLASS C	10/ 100	16%GEL,3%SAL SK F/ 2%CC,1	T,1/4#		
** PRODUCTION	7-7/8"		5-1/2		. 15.5		3662	35/65 POZ/ CLASS H	35/ 145	.6%GEL,2%CC,F/10%GYF 10%SALT,.5%FL-2,1/4# SK_F.			
					F.O. TOOL a		1263	P+ MIDCON 2	120	3%CC, %#SK F	<u> </u>		
	ADDITIONAL C	EMENT	ING/SQUEE	ZE REC		"	, 5 _						
Purpose:	Depth Top Bottom	_   ,	ype of Co	ement	i.d.2 i€ '≛#Sacks Use	d	1	ype and Perce	nt Additives	i	_		
Perforate Protect Casing	1.				, _हे मुंहा /.	. 1							
Plug Back TD Plug Off Zone			_	-	25)	. ?	<del>-</del>						
						·	\$		<u></u>	<del></del> -			
Shots Per Foot S	PERFORATION pecify Footag	RECO	RD - Brid Each Inte	dge Pli erval F	gs Set/Type Perforated			acture, Shot, I Kind of Mate		ze Record Depth			
		<del></del>			· —		FRAC. W/ 13313 GAL 30# LINEAR GELLED 2% KCl 2738-2779 FMD W/ 70Q N2 + 10620 # 16/30 SND.						
			_			-		<u> </u>		-			
			_			+		<u> </u>	<u> </u>		_		
TUBING RECORD Size Set At Packer At 2-3/8" 3094						t	Liner Run						
Date of First, Resu RESUNED: 4-5		ın, SWI	D or Inj.	Proc	ducing Method		lowing 🛛	Pumping	Gas Lift	Other (Expl	lain)		
Estimated Production	n Oil	0	Bbls.	Gas	Mcf 323	Water	Bbls 7	Gas-	Oil Ratio	Gravi	ty		
Disposition of Gas:			•		METHOD	OF COM	PLETION		•	Production In	terval		
☐ Vented ☐ Sold		Lease	<b>;</b>	□ 0p		Perf.	_	ly Comp.	] Commingled	<u> 2738-3068</u>	. OA		
(If vented, sub	mit ACO-18.)			☐ Otl	ner (Specify)								

TOWN MOST BE TIPED	SIDE ONE
STATE CORPORATION COMMISSION OF KANSAS	API NO. 15- 129-21529 935 / 81 11 -
OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM	County MORTON
ACO-1 WELL HISTORY Common the line	regression in the state of the
The state of the state of son the state of t	1-SN - SN - SE SE Sec 35 35 Twp 3 347 Rge 3742 X W
Operator: License # 4549	
Name:ANADARKO_PETROLEUM_CORPORATION	Feet from EXX (circle one) Line of Section
Address P. O. BOX 351	Footages Calculated from Nearest Outside Section Corner:
The state of the s	NE, SE NW or SW (circle one)
•	Lease Name WATSON "B" Hell # 2
City/State/Zip LIBERAL KANSAS 67905-0351	
Purchaser:_ANADARKO_ENERGY_SERVICES	The state of the s
Operator Contact Person:DAVID W. KAPPLE	Producing Formation
Phone ( 316_) 624-6253	Elevation: Ground 3510.7 KB
	Total Depth3675 PBTD3160
Contractor: Name:CHEYENNE_DRILLING	Amount of Surface Pipe Set and Cemented at328Feet
License:5382	•
Hellsite Geologist:	Multiple Stage Cementing Collar Used?XYes No
• ,	If yes, show depth set Feet
Designate Type of Completion State Completion State Complete Compl	If Alternate II completion, cement-circulated from
Oil SUD STOUT Temp Abd	the triangle of the second of
X Gas ENHR SIGH	rfeet depth tosx.cmt.
OilSIOWTemp.:AbdX GasENHRSIGWTemp.:AbdTemp.:AbdTemp.:Abd	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
If Harkeyone	7.50001204 7-7780 5-1720 1 15.5
Operator:	Chloride content3500ppm Fluid volume400bbl
- Well Name: St St up the el CA. C	Dewatering method usedDRY, BACKEILL & RESTORE LOCATION
Comp. DateOld Total Depth	Location of fluid disposal of hauled offsite:
	Se Portula disposar sir marter dissite.
DeepeningRe-perf Conv. to Inj/SRD	POPPER TO THE PO
Plug Back PBTD Commingled Docket No Dual Completion Docket No	
Other (SWD or Inj?) Docket No.	License No
_8-14-97 8-25-97 10-13-97 <del></del>	S RngE/W
Spud Date Date Reached TD Completion Date	County Docket No
<u>Ž</u>	
	ll be filed with the Kansas Corporation Commission, 130 S. Market
	spud date, recompletion, workover or conversion of a well.  In side two of this form will be held confidential for a period of
12 months if requested in writing and submitted with t months). One copy of all wireline logs and geologist well	he form (see rule 82-3-107 for confidentiality in excess of 12 report shall be attached with this form. ALL CEMENTING TICKETS
MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	
All requirements of the statutes, rules and regulations pro	mulgated to regulate the oil and gas industry have been fully compli
with and the statements herein are complete and correct to the	
Int. A.	· · · · · · · · · · · · · · · · · · ·
L. MARC HARVEY	K.C.C. OFFICE USE ONLY  Letter of Confidentiality Attached
Title DRILLING TECHNICAL ASSISTANT Date	-/9-77 C Wireline Log Received
Subscribed and sworn to before me this 19th day of 1870	C Geologist Report Received
997.	DistributionNGPA
Hotary Public Thean A. Ateny	KGS PlugOther
Date Commission Expires	(Specify)
in Fastalar 2	
11 Partie Prote Grade National	Form ACO-1 (7-91)
Car 1988 F. 1984 5-15-99	·

Operator NameANAD	ARKO PETROLEUM				e Name	WAISE	Au	Well		11 (2) (4)
		East		Coun	: ty	MORTON			_	
Sec35_ Twp34_	Rge <u>41</u> 3	;	15	Die Tay 1		8721	ANȚĂ LASTRA D	15 -517357	4 ) 3 ·	,
Annual Control of the	:	⊠ West	1534	V-190-			goti mata aya ba Yuza b	. 1.3.4400 l.		
INSTRUCTIONS: Show	important tops	and base of	formations	s penetra	ted.	Detail all	cores. 1 Répo	rt allidrill	'stem t	ests giving
interval tested, a time	me tool open and	closed, flo	owing and	shut-in p	pressu	res, wheth	er. shut-in pr	essure Fread	hed st	atic level,
'hydrostatic pressure if more space is nee	s, bottom hole to dedattach:co	emperature, i	iluid reco	overy, and	d tlow	rates if g	as to surface	during test.	Attac	h extra sheet
			قسقه والورد ورسورور	·- ·- ·			<u> </u>			
Drill Stem Tests Take	g r alumba XQ	Fort from					LANGE OF THE SECOND			
(Attach Additiona	en LSheets >> + = w	]Yes ⊠ makterva?keta			Log	rormatio	n (Top), Depth	end Datums	, ⊔	Sample
-	1. (2) (3) W	in w fist,	34	Name			Тор		itum	
Samples Sent to Geole	ogical Survey 🛭	!Yes □	No	B/CIMAI		·· - ··· <del></del>	1460			
Cores Taken	,	] Yes ⊠	No	9 WABAUN! TOPEKA		_ ^s = ₹.	2738 2941 -	78714	. 1	<i>:</i> · · ·
Electric Log Run		Yes 🗀	No .	[ :	-			• ,	3-1 24	$(Y_{ij},Y_{ij}) \stackrel{V}{=} Y_{ij} \stackrel{V}{=} Y_{ij}$
(Submit Copy.)							, ,	,	, <b>,</b> .	ng Kajada n
List All E.Logs Run:	ESTACCIACO CDA	IFIITDON						· - •		, , , , , , , , , , , , , , , , , , , ,
List Att E.Logs kun:	SBI-CCL-GR, GR-	MEDIKON.		<b>'</b>			٠		• -	,
			1- 1	Ì						nd out off
	<b>A.</b> W	N 2	,	ļ.,			2.302		•	4 - 12 - 11 - 1
and the same	r spir	- 1 4 4 1 1	i i	[ ]		•			: •	3-1-
<del></del>	<u>:</u>			<u>L </u>		- <del></del>				
	• •	CASING F		N · Wash	'n.	Used			: 32 .	- ·
:= -	Report all	strings set	conductor	.പ്. New r, surface	⊔ e, int	ermediate,	production, et	e. rainia.	a to	With the state of
	<del></del>	T '	<del></del>	<del></del>	<u> </u>	25 15 15		<del></del>	<del>' '</del>	·
Purpose of String	Size Hole	Size Casi		Weight		Setting	Type ofCement 3	# Sacks Used		and Percent , ditives -
	Drilled	Set (In C	7.0.)	LDS./Ft.		F Depth 35	CLASS C/	Used ***		3%SALT, %#
SURFACE	12-1/4" 00	1 77 8-5/8"	' n' ' ''	- 23.0 <sup>i</sup>	1 -	328 15-7	CLASS C. "	<i>≥</i> 310/100	SK-F/	2%CC %#SK F
÷ (	ं के, 1927 में 900 ।		is ski II	163591 46 E	[-	7443	35/65 POZ/	ZC /1/E		, 2%CC, F/
PRODUCTION	7-7/8"	5-1/2"		15.5		3662	CLASS H.	35/145	5% FI	, 10% SALT, -2 <u>%# SK F</u>
Sala and Arter	2 5 JH 1994	H22		el vidi	<u> </u>				ī: 3 ·2.	. ~
<u> </u>	1	<u></u>		.O. TOOL 8	<u> </u>	1263	P+ MIDCON 2	120	5%CC,	W#SK F.
علام مثلاً الأسلامين الأساء الماسيات الماسيات الماسيات الماسيات الماسيات الماسيات الماسيات الماسيات	ADDITIONAL CEM	ENTING/SQUEEZ	E RECORD	1	į					
<u>-</u>			1 AF G	,-l • •	- T	4				· · · · · · · · · · · · · · · · · · ·
Purpose:	Depth Top Bottom	Type of Cen		Sacks Used	.   .	· · · · · · · · · · · · · · · · · · ·	ype and Percen	t Additives	٠, ٠	• -
Perforate			1, 1		7 7	=	14		•	
X Protect Casing	g 3024	PREM CLASS	H -	50	_  .6	% HALAD 9.		·,	·	****
Plug Back TD	2900	PREM CLASS	H 34, 7	50 ⊆	· A	% HALAD 9.				7.5.1
rtog ot i zolle	2,00		<u> </u>							
	BBBB	- · ·				A = 2 -3 - P =		omant Com	n Ca	<del></del>
Shots Don Foot	PERFORATION RE Specify Footage (				, [		cture, Shot, C Kind of Mater			d Jepth
Shots Per Foot		or racii Ilirgi	THE PERIL			CHIOCHTE BING				
							4FW # 45*			. 754/
4 35	<u>504-3516, CIBP a</u>	3460			— AC	<u>ID: 900 GAL</u>	15%_FeHCl		350	4-3516
3 3	202-3210, CIBP &	3160.			AC	ID: 600 GAL	15%_FeHCl.		320	2-3210
4 29	996-3006			<del></del>			<u>15% FeHCl.</u> L 15% FeHCl.			6-3006 6-3068 (OA)
4 30	020-3028, 3054-30	168.					l 15% FEHLL. 000 <u>GA</u> L FOAM <u>ED</u>	15% FeHCl.		6-3068 (OA)
TUBING RECORD	Size	Set At		Packer At		Liner Run				
	2 3/8"	3087					☐ Yes 🔯	No		
Date of First, Res		SWD or Inj.	Producia	ng Method	<b>№</b> -	touing 🗆	. / Pumping □		I∵∩ther	· (Explain)
10-7	23-97 	<del></del>	Щ		<u> </u>	towning [	Tailbuild Ti	Sas Litt	- Julier	
Estimated Production	on Dil	Bbls.	Gas	Mcf	Wate	r Bbls	. Gas-C	il Ratio		Gravity
Per 24 Hours			121		. <u> </u>					
Disposition of Gas:	_ <del></del>			METHOD 1	 MO3 30	PLETION	•		Product	ion Interval
•				`				_	, -	
	☐ Used on Lea	ase [	☐ Open Ho	ole 🛛	Perf.	□ Duall	y Comp.	Commingled		
(If vented, sui	hmit ACO-19 \									
•	CALLE ACO- 10.7		T Other	· (Sneciful					290/	5-3068_(OA)_