FORM MUST BE TYPED

> SHIRLEY J. CHILL My Appl. Exp. 4

Operator: License #
Name:ANADARKO_PETROLEUM_CORPORATION
Address _P0. BOX 351
City/State/Zip <u>LIBERAL, KANSAS 67905-0351</u>
Purchaser:ANADARKO_ENERGY_SERVICES
Operator Contact Person: SHAWN D. YOUNG
Phone (316) 624-6253
Contractor: Name: NA Say
License: NA SECTION
Wellsite Geologist: NA
Designate Type of Completion 8-7-1998 New WellRe-EntryX_Workover
OilSWDSIOWTemp. AbdSIGWSIGWSIGWOther (Core, WSW, Expl., Cathodic, etc)
If Workover: Operator:ANADARKO PETROLEUM_CORPORATION Well Name:GERMAN # 1-13
Comp. Date5-1-58 Old Total Depth _3295
DeepeningXRe-perf Conv. to Inj/SWD Plug Back PBTD PBTD Commingled Docket No
Dual Completion Docket No Other (SWD or Inj?) Docket No
7-1-98
7-1-98 7-12-98 Spud Date Date Reached TD Completion Date
INSTRUCTIONS: An original and two copies of this form sha

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS	API NO. 15- NA-SPLID 4-23-58 15-129-10475-00.00
OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM	CountyMORION
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	E <u></u>
Operator: License #4549	
•	
Name:ANADARKO_PETROLEUM_CORPORATION	Feet from E/X (circle one) Line of Section
Address P. O. ROX 351	Footages Calculated from Nearest Outside Section Corner: NE, SE, NW or SW (circle one)
City/State/ZipLIBERAL_KANSAS 67905-0351	Lease Name <u>GERMAN</u> Well # <u>1-13</u>
Purchagen ANADARIO ENERGY SERVICES	Field Name <u>GREENWOOD</u>
Operator Centret Borean, CHAIN D VOING	Producing Formation <u>WABAUNSEE, TOPEKA</u>
Phone (_316_)624-6253	Elevation: Ground3467 KB
>c Q =	
Sa Sa	Amount of Surface Pipe Set and Cemented at <u>654</u> Feet
	Multiple Stage Cementing Collar Used? YesX No
Wellsite Geologist: NA Designate Type of Completion 8-7-1998	of If yes, show depth set Feet
Designate Type of Completion	If Alternate II completion, cement circulated from
OilSWDSIOWTemp. Abd.	feet depth to w/ sx cmt.
XGasENHRSIGWDryOther (Core, WSW, Expl., Cathodic, etc)	Drilling Fluid Management Plan
If Workover:	(Data must be collected from the Reserve Pit) NOT APPLICABLE
Operator: <u>ANADARKO PETROLEUM CORPORATION</u>	Chloride contentppm Fluid volumebbls
Well Name:GERMAN_# 1-13	Dewatering method used
Comp. Date <u>5-1-58</u> Old Total Depth <u>3295</u>	Location of fluid disposal if hauled offsite:
DeepeningXRe-perf Conv. to Inj/SWD	
Plug Back PBTD Commingled Docket No. Docket No.	Operator Name
Dual Completion Docket No Other (SWD or Inj?) Docket No	Lease NameLicense No
	Quarter SecTwpS RngE/W
Spud Date Date Reached TD Completion Date	County Docket No
- Room 2078, Wichita, Kansas 6/202, Within 120 days of the Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of	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 the form (see rule 82-3-107 for confidentiality in excess of 12 report shall be attached with this form. ALL CEMENTING TICKETS Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promit and the statements herein are complete and correct to the	mulgated to regulate the oil and gas industry have been fully complied best of my knowledge.
Signature Simble Jam	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
SHAWN D. YOUNG Title DIVISION PRODUCTION ENGINEER Date	K.C.C. OFFICE USE ONLY F Letter of Confidentiality Attached
5HL 7!	C Wireline Log Received C Geologist Report Received
Subscribed and sworn to before me this day of	Distribution
Notary Public Mulley & Childers	KCC SWD/RepNGPA KGS PlugOther
Date Commission Expires A NOTARY PUBLIC - State of	(Specify)
1 SHIRLEY J. CHILD	

Form ACO-1 (7-91)

Date of First, Resumed Production, SWD or Inj. Producing Method RESUMED: 7-10-98 ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain) Estimated Production Bbls. Bbls. Gas-Oil Ratio Gravity 249 3 Per 24 Hours Production Interval Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION ' '

☑ Perf. ☐ Dually Comp. ☐ Commingled <u>2730-3204 OA</u> ☐ Other (Specify)

FORM MUST BE TYPED



STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM

Date Commission Expires

DESCRIPTION OF WELL AND LEASE	
Operator: License #4549	Feet from S/X (circle o
Name:ANADARKO_PETROLEUM_CORPORATION	
Address <u>P. D. BOX 351</u>	Footages Calculated from Nearest Outside NE, SE, NW or SW (circle one
City/State/ZipLIBERAL, KANSAS 67905-0351	Lease Name <u>GERMAN</u> W
Purchaser: ANADARKO ENERGY SERVICES	
Operator Contact Person: SHAUN D. YOUNG	Froducing Formation WABAUNSEE, TOPEKA Flevation: Ground 3467
Phone (_316_) 624-6253 EST GO Contractor: Name: NA	Total Depth3295
Contractor: Name: NA REAL O	Amount of Surface Pipe Set and Cemented a
License: NA STATE TO	Multiple Stage Cementing Collar Used?
Wellsite Geologist: NA TO S	If yes, show depth set
Designate Type of CompletionNew WellRe-EntryX_Workover	if Alternate II completion, cement circul
OilSIOWTemp. AbdSIGWSIGWDryOther (Core, WSW, Expl., Cathodic, etc)	feet depth to W/ Drilling Fluid Management Plan
If Workover:	(Data must be collected from the Reserve NOT APPLICABLE
Operator:ANADARKO PETROLEUM CORPORATION	Chloride contentppm Flui
Well Name:GERMAN # 1-13	Dewatering method used
Comp. Date <u>5-1-58</u> Old Total Depth <u>3295</u>	Location of fluid disposal if hauled offs
Deepening _X _Re-perf Conv. to Inj/SWD PBTD PBTD Commingled Docket No Dual Completion Docket No	Operator Name
Dual Completion Docket No	Lease NameLi
	Quarter SecTwp
Spud Date Date Reached TD Completion Date	County Docket N
INSTRUCTIONS: An original and two copies of this form shall - Room 2078, Wichita, Kansas 67202, within 120 days of the Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information or 12 months if requested in writing and submitted with the months). One copy of all wireline logs and geologist well	spud date, recompletion, workover or convents side two of this form will be held confidented form (see rule 82-3-107 for confidential

NOTARY PUBLIC - State of Xansas SHIRLEY J. CHILDERS

My Appl. Exp. 2

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS	API NO. 15- <u>NA-SPUD 4-23-58</u>
OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM	CountyMORTON
ACO-1 WELL HISTORY	E
DESCRIPTION OF WELL AND LEASE	
Operator: License #4549	Feet from S/X (circle one) Line of Section
Name:ANADARKO PETROL FUM_CORPORATION	Feet from E/X (circle one) Line of Section
Address _P0BOX_351	Footages Calculated from Nearest Outside Section Corner: NE, SE, NW or SW (circle one)
City/State/ZipLIBERAL, KANSAS 67905-0351	Lease Name GERMAN Well # 1-13
	Field NameGREENHOOD
Purchaser: ANADARKO ENERGY SERVICES	Producing Formation <u>WABAUNSEE, TOPEKA</u>
Operator Contact Person: SHAWN D. YOUNG	Elevation: Ground KB
Phone (316_) 624-6253	Total Depth3295 PBTD3244
Contractor: Name: NA	Amount of Surface Pipe Set and Cemented at654 Feet
License: NA Kara	
Wellsite Geologist: NA STATE OF THE STATE OF	Multiple Stage Cementing Collar Used? YesX No
Designate Type of Completion	If yes, show depth set Feet
New WellRe-EntryX_Workover	If Alternate II completion, cement circulated from
OilSWDSIOWTemp. Abd. _XGasENHRSIGW	feet depth to w/ sx cmt.
DryOther (Core, WSW, Expl., Cathodic, etc)	Drilling Fluid Management Plan
If Workover:	(Data must be collected from the Reserve Pit) NOT APPLICABLE
Operator:ANADARKO PETROLEUM CORPORATION	NOT APPLICABLE Chloride contentbbls
Well Name:GERMAN # 1-13	Dewatering method used
Comp. Date <u>5-1-58</u> Old Total Depth <u>3295</u>	Location of fluid disposal if hauled offsite:
Deepening <u>X</u> Re-perf Conv. to Inj/SWD	
Plug Back PBTD Commingled Docket No Dual Completion Docket No	Operator Name
Dual Completion Docket No	Lease NameLicense No
Other (SWD or Inj?) Docket No	S RngE/W
Spud Date Date Reached TD Completion Date	County Docket No
 Room 2078, Wichita, Kansas 67202, within 120 days of the Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 12 months if requested in writing and submitted with th 	side two of this form will be held confidential for a period of e form (see rule 82-3-107 for confidentiality in excess of 12 report shall be attached with this form. ALL CEMENTING TICKETS
All requirements of the statutes, rules and regulations prom with and the statements herein are complete and correct to the	ulgated to regulate the oil and gas industry have been fully complied best of my knowledge.
11.00	
Signature / Marks / Jan	K.C.C. OFFICE USE ONLY
SHAWN D. YOUNG Title DIVISION PRODUCTION ENGINEER Date	F Letter of Confidentiality Attached C Wireline Log Received
SHA. (1)	C Geologist Report Received
Subscribed and sworn to before me this day of	<u>ust</u> Distribution
Marie Valence	KCC SWD/RepNGPA
Notary Public Studies A Chuders	

Form ACO-1 (7-91)

(Specify)

Other (Specify) ____

FORM MUST BE TYPED

Date Commission Expires .

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM	CountyMORTON					
ACO-1 WELL HISTORY	E					
DESCRIPTION OF WELL AND LEASE						
Operator: License #	Feet from S/X (circle one) Line of Section					
Name:ANADARKO PETROLFUM_CORPORATION	Feet from E/X (circle one) Line of Section					
Address _POBOX_351	Footages Calculated from Nearest Outside Section Corner: NE, SE, NW or SW (circle one)					
<u></u>	Lease Name <u>GERMAN</u> Well # <u>1-13</u>					
City/State/ZipLIBERAL, KANSAS_67905-0351	Field Name <u>GREENWOOD</u>					
Purchaser: ANADARKO ENERGY SERVICES.	Producing Formation <u>WARAUNSEE, TOPEKA</u>					
Operator Contact Person: SHAWN D. YOUNG						
Phone (_316_) 624-6253	Elevation: GroundKB					
Contractor: Name: NA W. T.	Total Depth3295 PBID3244					
License; NA 3 5	Amount of Surface Pipe Set and Cemented at Feet					
Wellsite Geologist: NA	Multiple Stage Cementing Collar Used? YesX No					
Wellsite Geologist: NA 3	If yes, show depth set Feet					
New WellRe-EntryX_Workover	If Alternate II completion, cement circulated from					
OilSNDSIOWTemp. AbdXGasENHRSIGW	feet depth to sx cmt.					
OryOther (Core, WSW, Expl., Cathodic, etc)	Drilling Fluid Management Plan					
If Workover:	(Data must be collected from the Reserve Pit) NOT APPLICABLE					
Operator:ANADARKO PETROLEUM CORPORATION	Chloride contentppm Fluid volumebbls					
Well Name:GERMAN # 1-13	Dewatering method used					
Comp. Date <u>5-1-58</u> Old Total Depth <u>3295</u>	Location of fluid disposal if hauled offsite:					
DeepeningXRe-perf Conv. to Inj/SWD	·					
Plug Back PBTD Commingled Docket No. Dual Completion Docket No.	Operator Name					
Dual Completion Docket No Other (SWD or Inj?) Docket No	Lease NameLicense No					
• • • • • • • • • • • • • • • • • • • •	Quarter SecTwpS RngE/W					
7-1-98 7-12-98 Spud Date Date Reached TD Completion Date	County Docket No					
						
- Room 2078, Wichita, Kansas 67202, within 120 days of the 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 e form (see rule 82-3-107 for confidentiality in excess of 12 report shall be attached with this form. ALL CEMENTING TICKETS					
All requirements of the statutes, rules and regulations prom with and the statements herein are complete and correct to the	ulgated to regulate the oil and gas industry have been fully complie best of my knowledge.					
March -						
Signature SHAWN D. YOUNG	K.C.C. OFFICE USE ONLY Letter of Confidentiality Attached					
Title DIVISION PRODUCTION ENGINEER Date	C Wireline Log Received C Geologist Report Received					
Subscribed and sworn to before me this day of ug	Distribution					
Notary Public Mirley & Childers	KCCSWD/RepNGPANGPAOther					
	(Specify)					

SIDE ONE

API NO. 15- _____NA-SPUD_4-23-58

Form ACO-1 (7-91)

			•				5 0			,	
•					SIDE	TWO			19)		
Operator NameA	NADARKO PETRO	LEUM_COR	PORATION		Leas	se Name _	<u>GEÉMAN</u>	11/2	Wel	l # <u>1-13</u>	
Sec. <u>13</u> Twp	<u>34</u> Rge. <u>42</u>		-		Cour	nty <u> </u>	MORTON		 -		
interval tested,	time tool op ures, bottom	en and c hole tem	losed, f perature,	lowing	and shut-in	prèssure	es, wheth	er shut-in p	ressure rea	l stem tests giving sched static level, . Attach extra shee	
Drill Stem Tests i (Attach Additio			Yes 🗵	No	⊠ .	Log	Formatio	on (Top), Dept		·	
Samples Sent to G	eological Sur	vey 🗆	Yes 🏻	No	Name			Top	D	eatum .	
Cores Taken			Yes 🛚	No							
Electric Log Run (Submit Copy.)			Yes 🛚	No		SEE ATTACHED DRILLERS LOG					
List All E.Logs Ru	ın:	-									
								er.			
		<u>-</u>								<u> </u>	
** Origina	al Completion Repo		CASING trings se		🛛 Ne		Used mediate,	production, e	tc.		
Purpose of Strin			Size Ca		Weight		etting	Type of	# Sacks	Type and Percent	
** SURFACE	Drill 12-1/		Set (In	<u>U.U.)</u>	· Lbs./Ft.		Depth 654	Cement	Used 300	Additives	
** PRODUCTION	7-7/		4-1/2)1	9.5	_+-	288		150	 	
	-					+		<u> </u>	 	 	
	ADDITION	AL CEMEN	TING/SQUE	EZE REC	CORD				<u></u>	<u> </u>	
Purpose:	Dept Top Bo		Type of C	ement	#Sacks Use	d	T	ype and Perce	nt Additives		
Perforate Protect Cas Plug Back 1											
Plug Off Zo				_						33331	
Shots Per Foot	PERFORA Specify Fo				igs Set/Type Perforated	(A	Acid, Fra mount and	cture, Shot, Kind of Mate	 Cement Squee rial Used)	ze Record Depth	
4	2768-2776,	2745-275	8, 2730-2	742	· · ·	ACI	D W/ 3500	GAL FEHCL		2730-2776	
	<u> </u>				-fu		, -		 -		
TUBING RECORD	Size 2-1/16		Set At		Packer A	t L	iner Run	☐ Yes 🏻	No		
Date of First, F	Resumed Produ JMED: 7-10-9	ction, S 8	WD or Inj	. Prod	ducing Method		wing 🏻	Pumping	_Gas_Lift [Other (Explain)	
Estimated Produc Per 24 Hours	etion	Oil	Bbls.	Gas	Mcf 249	Water	8bls	. Gas-	Oil Ratio	Gravity	

Used on Lease □ Open Hole ☑ Perf. □ Dually Comp. □ Commingled <u>2730-3204 OA</u> (If vented, submit ACO-18.)

METHOD OF COMPLETION

Production Interval

Disposition of Gas:

DRILLER'S LOG

ORIGINAL

				•			L	
ELL NAME: Corns	n //1-13	:	COMPANY OF	PERATING: Panhandle COMPANY: Bo	Easter	n Pipe	Line Co:	
			ADDRESS of	COMPANY: Bo	x 351, I	iberal	, Kansas:	
ELL LOCATION:C		4 4	9	lwp. <u>318</u> , Rge.	•		= 1	
<u> 1320 ft. Nor</u>	th of So	uth line	9	pretio		-		
3946 .ft. Eas	t of Wes	t line;	Sec. 13,	lwp. <u>348</u> , Rge	42W Mo	rton	County, Ka	
	•							
KITTTING SLUKIFD	Apr	.11 23	, 19 20 ; DKI	LLING COMPLETED	723y 1		, ₁₀	
THE COMPLETED	nay 9	<u>′</u>	, 19 50; WEI	TO COMMECTED	anta 12		, 19	
TOTAL TOTAL	f+ C	mound I'm	TOLO CUADAC	TER OF WELL (Oil,	Gne on	пил Н	مدنا (ماما	
PRANTION: MOL	10. 0	Tours De	ver, onain	TERE OF WELLE (OIL)	000, 01	D1 y 11	_076) _088	
OTI, OR GAS SANDS	OR ZONE	S - PE	RFORATIONS -	ACIDIZING AND FR	ACTURING	INFOR	MATION	
Name	From	4		Gallons Use				
	_							
lopeka n	2993	3002	18	8000			<u> </u>	
n	3011	3077	132	1000		15%	·	
	3029	3038	18		,	517	· ·	
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_ 	3134	3110	12	W.			-	
G .	311/9	3154	<u> 70</u>		- G	<u> </u>	 -	
0	3160	3165	<u> </u>			REC		
	31,95	3507	18		07	<u> </u>		
	,	 		3 2 3 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4		<u>, m</u> .		
Size		Amount S	CASING Set	S RECORD Sacks of Cement 300	Am	Amount Pulled		
								
FBu		32881	·	150		0		
			•	- , - , - , , , , , , , , ,	<u> </u>			
		XI			L	•		
,	,				•			
	•			• ,				
	-			N RECORD	, ,	1	•	
Formati		To		Formation		Top	Bottom	
Surface Sands &		0		Wabaunaee		2733		
Surface Clay & Sand		310		≈ Topeka		2954		
Surface Clay & A	inhy.	610		Greenwood Lansi	ng	3221		
hale & Shells		654		<u> </u>				
Shale . Limo & Shells		1945		ļ ·				
Shale & Lime		211	0 3295-TD	 			·	
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				> Producing				

RESULTS of INITIAL PRODUCTION TEST: