Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137

WELL COMPLETION OR RECOMPLETION REPORT AND ω	8	2013	
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Expires: July 31, 2010

5. Lease Serial No.

								1.IVII. 4		SF-078640		
la. Type of Well		Oil Well	X Gas We	11	Dry	Other	P	nington Field Office of Land Manager	6. If Indian, Allotte	e or Tribe Name		
 b. Type of Completion 	on: X	New Well	Work C	ver	Deepen	Plug Ba	ick 7	of Lond Manager	NMM	1 75815-	- 0K	
		Other:					Burear	101 Land Manago	7. Unit or CA Agr	eement Name and	No.	
2. Name of Operator		Other:						***************************************	SAN JUAN 28-7 UNIT COM 8. Lease Name and Well No.			
2. Name of Operator		•	Conocol	hillips Co	moany				San Juan 28-7 Unit Com 298			
3. Address 3a. Phone No. (include area code)												
PO Box 4289, Farmington, NM 87499 (505) 326-9700 4. Location of Well (Report location clearly and in accordance with Federal requirements)*											93-004	
4. Location of Well (R	deport location clearly an	d in accordanc	e with Federal re	quirements) *					10. Field and Pool	or Exploratory Basin Dakot:	a	
At surface			UNIT	C (NE/NW)	, 1124' FN	L & 1821' FWL			11. Sec., T., R., M	, on Block and Surv		
										URFACE: SEC: 2		
17	4				* 15 TFOR \$5 (4	CEANN 1064 EN	U 0 15/51 E	N/T	BOTTOM: SEC: 27, T27N, R7W 12. County or Parish 13. State			
At top prod. Interva	ai reported below				UNITE	SE/NW), 1956' FN	L & 1/0/ F	WL	12. County of Pari	sn	13. State	
At total depth			UI	NTT F (SE/N	V), 1956' I	FNL & 1767' FWL	,		Rio	Arriba	New Mexico	
Date Spudded		15. Da	te T.D. Reached		16. Da	te Completed	— .		17. Elevations (DI			
174	10/3/2012		12/16/20			D&A	X Ready		<u> </u>	6690' GL / 6705	з кв	
18. Total Depth:	MD TVD	773 761		Plug Back T.D	D .:	MD TVD	7712' 7586'	20. Depth Bridge Plug Set:		MD TVD		
21. Type Electric & C	Other Mechanical Logs Ri						, 200	22. Was well cored?			Yes (Submit analysis)	
	tricommon Logs Ici		GR/CCL/CBL					Was DST run?		= =	Yes (Submit report)	
			0140014011					Directional Survey?		=	Yes (Submit copy)	
23. Casing and Liner I	Record (Report all strings	s set in well)		<u> </u>				1			(
Hole Size	Size/Grade	Wt. (#/ft	.) Top (M	D) E	Bottom (MI		ementer	No. of Sks. &	Slurry Vol.	Cement top*	Amount Pulled	
		,		-		De	pth	Type of Cement	(BBL)	·	1	
12 1/4" 8 3/4"	9 5/8" / H-40 7" / J-55	32.3# 23#	0		350' 5088'		/a /a	15sx-Pre-mix 671sx-Premuim Lite	4bbls 59bbls	Surface Surface	1/4bbls 88bbls	
6 1/4"	4 1/2" / L-80	11,6#	0		7738'		/a	244sx-Premuim Lite	88bbls	4030'	n/a	
										MODICE		
		 							<u> </u>	MINE THE		
24. Tubing Record	<u>. </u>	<u> </u>							!	Mal. d		
Size	Depth Set (MD)	Pac	ker Depth (MD)	Si	ze	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2 3/8", 4.7#, L-80	7545'		n/a							1		
25. Producing Interval	S Formation		Тор	Bott		6. Perforation Re		ed Interval	Size	No. Holes	Perf. Status	
A)	Dakota		7492'	758				SPF	,34"	27	ореп	
B)	Dakota		7606'	760	60'		2	SPF	.34"	30	open	
C) D)	Total		+							57		
	eatment, Cement Squeeze	e etc.							_]	 	······································	
	Depth Interval							Amount and Type of Material				
			Acidize w/ 18	bbls of 15%	HCL. Fra	c'd w/ 40,446 gals	w/ 40,258# o	f 20/40 Brown sand. Pumped 116	bbls of fluid. Total f	V2: 2,311,000SCF.		
	7492' - 7660'							· · · · · · · · · · · · · · · · · · ·				
												
28. Production - Inter	val A	•										
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production N	lethod		
Produced		Tested	Production	BBL	MCF	BBL	Согг. АРІ	Gravity				
02/19/2013 GRC	2/21/2013	lhr.		0/boph	49/mc	f/h 2/bwph	n/a	n/a	ļ	FLOWI	NG	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status				
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio					
1/2"	SI-943psi	SI-876psi		0/bopd	1165/m	cf/d 42/ bwpd	n/a		SHT	T IN		
28a. Production - Inte	erval B											
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production I	Method		
Produced	ſ	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	1			
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status			· · · · · · · · · · · · · · · · · · ·	
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio					
	<u> </u>			1						_		
*(See instructions and	spaces for additional dat	a on page 2)										

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MAR 1 1 2013

FARMINGTON FIELD OFFICE BY William Tambekon

28b. Production	n - Interval	C										
Date First	Test Date		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method		
Produced	Ĭ		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	1		
	1		Ĺ						ļ			
Choke	Tbg. Pres	SS.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	1		
Size	Flwg.		Press.	Rate	BBL	MCF	BBL	Ratio				
	SI		ĺ	THE PERSON					1			
28c. Production	n - Interval	D	<u></u>	<u> </u>								
Date First	Test Date		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method		
Produced			Tested	Production	BBL	MCF	BBL	Corr. API	Gravity			
					1	ł	ł		Ì			*
Choke	Tbg. Pres	ee	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status			
Size	Flwg.		Press.	Rate	BBL	MCF	BBL	Ratio	- Clarab			
	SI							ļ				
20 51			<u> </u>									
29. Disposition	of Gas (So	olid, used	for fuel, ve	ented, etc.)								
							то ве	ESOLD				
30. Summary o	of Porous Z	ones (Inc	lude Aquif	ers):					31. Formati	on (Log) Markers		
•		•	•	ontents thereof: d, time tool open				st,				
recoveries.	pin miervai	testeu, c	usilion used	i, time toor open	, nowing an	ia siiat-iii pie	essures and					
	,								<u>.</u>			
Formatio	.,	Тор		Bottom		Dogorin	tions, Conte	nts etc		Name		Тор
ronnanc	"	тор		Dollon		Descrip	nons, conc	ins, etc.		Name	N	Meas. Depth
Ojo Alan	no	2451	,	2515'		,	White, cr-gr ss	3		Ojo Alamo		2451'
Kirltano	d	2515	,	3038'	,	Gry sh interbe	dded w/tight, s	gry, fine-gr ss.		Kirltand		2515'
Fruitland	a [3038	,	3176'	Dk on on	and ab acal	oen eilte lieht	-med gry, tight, fine gr ss.		Fruitland	· 1	3038'
Pictured C		3176		3332'	Dk gry-gry		ry, fine grn, tig			Pictured Cliffs		3176'
Lewis		3332		3332'			w/ siltstone st			Lewis		3332'
Huerfanito Be							waxy chalky be	_		Huerfanito Bentonite		0
	. }		1			,	, ,				ł	
Chacra	ı	4085	'	4085'	Gry fi	n grn silty, gla	uconitic sd sto	one w/ drk gry shale		Chacra		4085'
Mesa Ver	rde					Light gry, me	d-fine gr ss, c	arb sh & coal		Mesa Verde		0
Menefe	e	4893	,	5441'		Med-dark gr	y, fine gr ss, ca	arb sh & coal	ł	Menefee		4893'
n :	1	- 4 4 1	.	50101	Med-light gr	y, very fine gr		t sh breaks in lower part o	of	n tor a		
	Point Lookout 5441' Mancos 5810'		1	5810' 6600'	formation					Point Lookout Mancos		5441'
Mancos	1		0000	Dark gry carb sh. Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/				,	ivialicos	Ì	5810'	
Gallup	Gallup 6600' 7383'		7383'	Li. gry to b		reg, interbed s			Gallup		6600'	
Greenho	Gallup 6600' 7383' Greenhorn 7383' 7443'		7443'	,	Highly c	alc gry sh w/ t	hin Imst.	1	Greenhorn		7383'	
Granero	os	7443	3'	7492'	l		fossil & carb			Graneros		7443'
Dakota	.	7492	_{2'}		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh band cly Y shale breaks					Dakota		7492'
Morriso	on _				Interb	ed grn, brn &	red waxy sh &	fine to coard gm ss		Morrison		
32. Additional	remarks (ii	nclude pli	ugging prod	•							•	
				THIS IS	a bianco r	viesaverde d	x Dasiii Da	kota commingle well	under DRC3			
33. Indicate wl	hich items l			-	ck in the app	_	res: logic Report	Ds	T Report	Direction	al Survey	
Sundry N	Notice for p	olugging a	and cement	verification		Core	Analysis	Otl	ner:			
34. I hereby ce	ertify that th	ne forego	ing and atta	ched informatio	n is complet	e and correc	et as determi	ned from all available	records (see a	ttached instructions)*		
Name	(please pri	int)			rleen White	:		Title	4 1	Staff Regulatory Tec	ch.	
Signat	ure	•	U	leen b	Hul	٤		Date	3/8/13			
Title 18 II S C	Section 10	001 and T	itle 43 II S	.C. Section 121	2. make it a	crime for an	v person kn	owingly and willfully	to make to any	department or agency of th	e United States	- <u>-</u>
				resentations as t						por agoney of the	Oracca Diates	

(Continued on page 3) (Form 3160-4, page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR

RECEIVED

FORM APPROVED

BUREAU OF LAND MANAGEMENT	ΛR	2017
WELL COMPLETION OF RECOMPLETION BEFORE AND MACK	UU	7013

OMB No. 1004-0137 Expires: July 31, 2010

5. Lease Serial No.

1. Type of Completion:								·			SF-0786	540		
Name of Opcode	1a. Type of Well		Oil Well	X Gas We	:11	Dry	Other	Farr	nington Field Unit	6. If Indian, Allotte	e or Tribe Name			
Name of Opcode	b. Type of Completio	n: X	New Well	Work C	ver	Deepen	Plug B	:Bur🗗	ந்ருஷ்ங்and Manage	ne NM N	<u>m 78413</u>	B-MA		
Name of Operator			0.1							1. Unit of CA Agr	eement Name a	ina No.		
Canalog Cana	2 Name of Operator		Otner:						u v	ļ		UNII COM		
1. 1. 1. 1. 1. 1. 1. 1.	z. Name of Operator			Canacal	Phillins Co	mnany			•	•		nit Com 298		
4	3. Address			Conocos	ппира со		No. (include area	code)			5umi 20-7 C1	int Com 250		
Attuning Attuning Attuning Attuning Attuning Attuning Attuning Attining Att								(505) 326-9	700		30-039-31	1093 -8662		
Author Control Contr	4. Location of Well (R	eport location clearly and	l in accordanc	e with Federal re	quirements)*					10. Field and Pool				
At taip good Interval regional below SUNTE (SEATW), 1966 PRIL & 1767 PW 12 Coay or Parallel 13 Sates 14 North 15 Sates 14 North 15 Sates 15 North 15	At surface			UNIT	C (NE/NW)	1124' ENT	& 1991' EWI			11 Con T P M				
Act top grad Linterval Papers Barry 1 Start Papers Papers Start Papers	Atsurace Unit Chemy, 1124 FAL 6 1021 FAL													
14. Data depth												, .		
18. Total Depth 18. Total Depth 18. Total Depth 19. Total	At top prod. Interva	l reported below				UNIT F (SI	E/NW), 1956' FN	VL & 1767' FV	VL	12. County or Pari	slı	13. State		
18. Total Depth 18. Total Depth 18. Total Depth 19. Total	At total danth			117	UIT E (CE/NI	W) 1056' EN	II <i>8. 1767</i> ' EWI			D:o	Aib.u	N Mi		
19.57012 19.7802 19.			· 15. Da		HI F (SE/IN									
TVD	•								o Prod. 02/19/2013 GRC					
22	18. Total Depth:	MD	773	9' 19. I	Plug Back T.D		MD	7712'	20. Depth Bridge Plug Set:	1	MD			
Casing and Lines Record (Report et arrings set in well)	**************************************	TVD	761	3'			TVD	7586'						
Directional Survey	21. Type Electric & C	ther Mechanical Logs Ru	n (Submit co	y of each)					22. Was well cored?					
23. Performent 1.0				GR/CCL/CBL					Was DST run?		X No	Yes (Submit report)		
Hole Size									Directional Survey?		No X	Yes (Submit copy)		
13 14 9 587 11-60 3.34 0 3.59 0 0 1582 Frenix 40 1582 Frenix 40 1582 Frenix 40 40 1582 Frenix 40 40 1582 Frenix 40 40 40 40 40 40 40 4	23. Casing and Liner I	Record (Report all strings	set in well)								1			
12 14" 9 58" / 1140 32.3# 0 350" m/n 1558-Pre-mix 40-bit 500 500 5008° m/n 61 61 61 61 61 61 61 6	Hole Size	Size/Grade	Wt. (#/ft	.) Top (M	D) E	ottom (MD)	_				Cement top*	Amount Pulled		
Side 17 1.5 23 0	12 1/4"	9 5/8" / H-40	32.3#	0		350'					Surface	1/4bbls		
				0										
24. Tubing Record	6 1/4"	4 1/2" / L-80	11.6#	0		7738'		ı/a	244sx-Premuim Lite					
A Toking Record										- H 7 %				
Size Depth Set (MD) Packer Depth (MD) (MD) Pack				-+	_									
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)	24. Tubing Record													
25. Production Formation Top Bottom Perforated Interval Size No. Holes Perf. Status		Depth Set (MD)	Pac	ker Depth (MD)	Si	re	Depth Set (MD))	Packer Depth (MD)	Size		D) Packer Depth (MD)		
Formation				n/a								_ J		
A) Foint Lookont	25. Producing Interval			Ton	D _{ot}		Perforation Re		d Interval	C: 1	No II-l	Deef Chaire		
C) C) C) C) C) C) C) C)														
Acidize w/ 10bbls of 15% HCL. Frac'd w/ 33,894 gals 70Q N2 Slick water w/ 92,742# of 20/40 Brown sand. Pumped 80bbls of foam flush. Total N2: 1,287,000SCF. S318' - 5794'	B)						· · · · · · · · · · · · · · · · · · ·			 		VPV		
Acidize w/ 10bbls of 15% HCL. Frac'd w/ 33,894 gals 70Q N2 Slick water w/ 92,742# of 20/40 Brown sand. Pumped 80bbls of foam flush. Total N2: 1,287,000SCF. S318' - 5794'	C)									` '				
Depth Interval Acidize w/ 10bbls of 15% HCL. Frac'd w/ 33,894 gals 70Q N2 Slick water w/ 92,742# of 20/49 Brown sand. Pumped 80bbls of foam flush. Total N2: 1,287,000SCF.		4 4 6 4 6	-:			-								
Acidize w/ 10bbls of 15% HCL. Frac'd w/ 33,894 gals 70Q N2 Slick water w/ 92,742# of 20/40 Brown sand. Pumped 80bbls of foam flush. Total N2: 1,287,0008CF.	27. Acid, Fracture, Tr		, etc.						Amount and Type of Material					
28. Production - Interval A		D opin Bilor var		Acidize w/ 10	bbls of 15%	HCL. Frac'	d w/ 33,894 gals	70Q N2 Slick		n sand. Pumped 80b	bls of foam flush	. Total N2: 1,287,000SCF.		
28. Production - Interval A		5318' - 5794'					_	-		-				
Date First Produced Test Date Production T														
Date First Produced Test Date Production T	•													
Date First Produced Test Date Production T														
Produced Tested Production BBL MCF BBL Corr. API Gravity Gravity Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water BBL MCF BBL Ratio Corr. API Gravity Mell Status Choke Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water BBL MCF BBL Ratio Corr. API Choke Corr. API C			T17	In	lou	lc]vv	lo:1.c:	lc	In. 1 C . 3				
1/2 S1-943psi S1-876psi Test Date Hours Tested Production BBL MCF		1 est Date	1	1			I			Production N	lethod			
Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas/Oil Ratio	Tioducca		Tested		DBE	I I	BBE	Con. 74 1	Giavity					
Size Flwg. Press. Rate BBL MCF BBL Ratio	02/19/2013 GRC	2/21/2013	1hr.	Laxing	0/boph	18/mcf/l	ı 1/bwph	n/a	n/a		FLOV	WING		
SI-943psi SI-976psi SI-9			1 '	1	1			1	Well Status					
St.943psi St.943psi St.945psi St.9	Size	Flwg.	Press.		BBL	MCF	BBL	Katio						
Date First Test Date Hours Test Dil Gas Water Oil Gravity Gas Production Method	1/2"	SI-943psi	SI-876psi		0/bopd	431/mcf/	d 15/bwpd	n/a		SHU	T IN			
Produced Tested Production BBL MCF BBL Corr. API Gravity Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas/Oil Well Status Size Flwg. Press. Rate BBL MCF BBL Ratio			J		1									
Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas/Oil Well Status Size Flwg. Press. Rate BBL MCF BBL Ratio		Test Date	1				T .	1		Production N	Method			
Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas/Oil Well Status Size Flwg. Press. Rate BBL MCF BBL Ratio	Produced		Tested		BBL	MCF	BBL	Corr. API	Gravity					
Size Flwg. Press. Rate BBL MCF BBL Ratio				MARKET STATE OF THE PARKET	1									
Size Flwg. Press. Rate BBL MCF BBL Ratio	Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status					
	Size			Rate	BBL	MCF	BBL	Ratio						
*(See instructions and spaces for additional data on page 2)		SI												
	*(See instructions and	spaces for additional data	on page 2)	L		1		J						

ACCEPTED FOR RECORD

MAR 1 1 2013

F. ICAI FIELD OFFICE By William Tambekou





28b. Production	ı - Interval C											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
]]						
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status				
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio					
	SI		THE PARTY OF THE P	ł	İ				•			
28c. Production	ı - Interval D											
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced	ed Tested Production		Production	BBL	MCF	BBL	Corr. API	Gravity				
	Ĭ .	1		- [ı						
Clioke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	<u> </u>			
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio					
	SI			ł								
20 Diiii	60 (0.1:1	16.6.										
29. Disposition	of Gas (Solid, use	a Jor Juel, v	entea, etc.)									
						то ве	SOLD					
30. Summary o	of Porous Zones (In	clude Aqui	fers):					31. Formati	on (Log) Markers			
Show all important zones of porosity and contents there												
•	-	-					st,					
recoveries.	pth interval tested,	cusmon use	d, time tool op	en, flowing ar	id shut-in pr	essures and		}				
recoveries.												
										Тор		
Formatio	on Top	·	Bottom		Descrip	tions, Conte	nts, etc.	Ì	Name	Meas. Depth		
Ojo Alamo 2451' 2515		25151	 		11 m ' .							
Ojo Alamo 2451' 2515' Kirltand 2515' 3038'			1 .		White, cr-gr ss			Ojo Alamo Kirltand	2451' 2515'			
Kultane			3036		Gry sit interbe		gry, fine-gr ss.		Kiritalia	2515		
	Fruitland 3038' 3176'			Dk gry-gry		-	med gry, tight, fine gr	SS.	Fruitland	3038'		
	Pictured Cliffs 3176' 3332'			1		ry, fine grn, tíg			Pictured Cliffs	3176'		
	Lewis 3332' 3332'		3332'			w/ siltstone st	=		Lewis	3332'		
Huerfanito Be	entonite				White,	waxy chalky b	entonite		Huerfanito Bentonite	0		
Chacra	408	5'	4085'	Grv f	n grn silty. gla	uconitic sd sto	one w/ drk gry shale		Chacra	4085'		
Mesa Ver					-	ed-fine gr ss, c			Mesa Verde	0		
Menefe					Menefee	4893'						
	1 1000		Med-light or	_	-	t sh breaks in lower par	t of		1			
Point Look	Point Lookout 5441' 5810'			,, ·, <i>a</i> -	formation			Point Lookout	5441'			
Mancos	s 581	0'	6600'		Γ	ark gry carb s	ħ.		Mancos	5810'		
Callon		, l	72021	Lt. gry to b			& very fine gry gry ss	w/	Caller	66001		
Gallup Greenho	I	i i	7383' 7443'			reg. interbed s alc gry sh w/ t			Gallup Greenhorn	6600' 7383'		
Granero	l l		7492'			, fossil & carb			Graneros	7443'		
	1	- }	, ,,,,,,	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh band				nds		}		
Dakota	I	2'		cly Y shale breaks Interbed grn, brn & red waxy sh & fine to coard grn ss					Dakota	7492'		
Morriso 32 Additional	remarks (include p	lugging pro	ocedure).	Interb	ed grn, brn &	red waxy sh &	t fine to coard grn ss		Morrison	-J		
			This	is a Blanco I	Mesaverde	& Basin Da	kota commingle we	ll under DHC	3762AZ,			
	hich items have bee			neck in the app	· ·			acra p				
LA Electrica	al/Mechanical Logs		req'd.) t verification		_	logic Report e Analysis	_	OST Report Other:	Directional Su	rvey		
_	Notice for prugging					-			ottochod instructions)*			
Sundry N	ertify that the foreg	oing and at	tached informat	ion is comple	te and corre	ct as determi	ined from all availab	ie records (see	attached histructions).			
Sundry N			,	Arleen White		ct as determ	ined from all availab Title	le records (see	Staff Regulatory Tech.			
Sundry N	ertify that the foreg		tached informat	•		ct as determ		3/8/13	•			

(Continued on page 3) (Form 3160-4, page 2)