Form 3160- (August 200			U DEPARTM BUREAU		FTHE	INTERIOF		REC		IVEC		OMB	1 APPROVED NO. 1004-0137 s July 31, 2010	
	WELL	. COMPI									5 Lease Seria	al No.		
1- T-ma										2011	JIC 1		r Tribe Name	
la. Type	L.		I 🗶 Gas W		•	Other	E	Bureau of L	and M	lanageme	n li		Apache	
b Type	of Completion:	[X] Oth	New Well er	Work	Over [Deepen		Plug Backy	ton FQ	INCINCO			ient Name and No	
2. Name o	•							<u> </u>			8 Lease Nam			
3. Addres	r <mark>Vest Opera</mark> s	ating,					3a.	Phone No. (11	nclude (area code)	- Jicar 9. API Well N		<u>B No. 2M</u>	
	Fannin St			ton, T			<u> </u>		495 <i>-</i> 6	537	30-03	9-299	<u>14-00-C3</u>	
4. Location	on of Well (Repondence) (Repondence) (Repondence)		FSL & 26				-		64583	2	10. Field and F Blanc		Exploratory averde	
	02 0	1150	132 0 20		. Lat	50.4051		5119 107.3	0-300	,	11. Sec., T, R Survey or			
At top p	rod. interval rep	orted belo	w								UL 0, 12 County or	Sec	16, 26N, 05W	
At total	depth										Rio Arr		NM	
14. Date S	pudded	15 Dat	e T.D. Reache	d	•		te Com	•	Deade	to Drod	17. Elevation	s (DF, R	KB, RT, GL)*	
5/	12/11		7/11/11				D & A	区 8/5/ご	•	to Prod.		ыч' 626 " (<u>a</u> L	•
	Depth. MD	7,5		Plug Bac	k T.D.	MD	7,5	525		Depth Bridge	Plug Set M	D		
21 Type	TVD Electric & Othe	r Mechania	al Logs Run	Submit of	py of ea	TVD ach)			22 W	as well cored	7 X No		es (Submit analysis)	
21 1990				(0	.pj 01 00)				as DST run	X No		es (Submit report	
	t Triple C g and Liner Rec				L				D	prectional Sur	vey? 🚺 No	Y	es (Submit copy)	
Hole Size	Size/Grade	Wt (#ft.)	Top (MD)	Bottom	(MD)	Stage Cem		No of Sks		Slurry Vol	Cement 7	on*	Amount Pulled	
12 1/4"	9 5/8"	36	0	41		Depth	1	Type of Ce 200	ment	(BBL)			8 bb1s	
	J55 LTC													
8 3/4"	7"	23	0	340	54			160			···		<u>35 bb1s</u>	
6 1/4"	J55 LTC 4 1/2"	11.6	0.3886-	75	20			<u>340</u> 420			3886		50 bb1s	
0 1/4	4 172 N80 LTC	_ 11.0	0000	/ .	0	·		420						
24. Tubin														
Size 2-3/8"	Depth Set (1 7.405		cker Depth (M	D) 5	ize	Depth Set	t (MD)	Packer Dep	oth (MD)) Size	Depth Set	(MD)	Packer Depth (MD)	
	cing Intervals					26. Perfor	ration R	lecord						
	Formation		Тор	Bot	tom		erforated			Size	No Holes	 	Perf Status	
<u>A) B</u>	anco Mesav	<u>/erde</u>	4991			49	<u>91 to</u>	5441		0.400	136		Open	
<u>C)</u>			•											
D) _														
27. Acid,	Fracture, Treature Depth Interval	ment, Cem	ent Squeeze, I	Etc.	*			Amount and	Type of	Material		· ••• •		
49	91 to 5441		1000 g	als 15	K HCL;	140,00	0# 20				N2 foamed	w/105	7 bbls 3% KCL	
												<u></u>	12131476	
											• 			63
28 Produc	tion - Interval A	\									· · · · · · · · · · · · · · · · · · ·		PECEIVED	18
Date First Produced	Test Date	Hours Tested	Test Production	Oıl BBL	Gas MCF	Water BBL	Oil Gr Corr A	A DT	Gas Gravity	Produ	uction Method		m AUG 2011	920.
Choke Sıze	Tbg Press. Flwg	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Ratio		Well Sta	atus			OIL CONS. DIV. DIST.	
	SI		<u> </u>	200	MCI.									14 ²
28a. Produ Date First	ction-Interval B	Hours	Test	Oıl	Gas	Water	Oil Gr	ravity	Gas	Prod	uction Method	AC	T SECONDER OF	5
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr	4 107	Gravity					
Choke Size	Tbg Press Flwg	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Ratio		Well Sta	atus		4	NUG 1 1 2011	
	SI ns and spaces for add	litional data on	>				680					FAR	Salvers	
toce madueno	and spaces for add		F-0/				NN	IOCD A	V			1		

	Test	Hours	Test	Oil	Gas	Water	Oil	Gas	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Gravity Corr API	Gravity		
Size	Tbg Press Flwg SI	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status		
28c. Productio	n-Interval	D								
	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method	
Size	Tbg. PressCsg.24OilGasWaterGas OilFlwg.Press.HrBBLMCFBBLRatio				Well Status					
9 Disposition	n of Gas <i>(So</i>	old,used for j	fuel, vented, e	tc.)		- I				
30 Summary	of Porous	Zones (Incl	ude Aquifers)	:				31. Format	ion (Log) Markers	
Show all 11 including recoveri	depth interv	nes of porosit val tested, cus	y and contents the shion used, time	hereof Co tool open,	flowing an	ls and all dri d shut-in pre	ill-stem tests, essures and			
Formatio	on l	Тор	Bottom		Descr	uptions. Co	ontents, etc.		Name	Тор
										Meas.Depth
		4009	•	511	tstone					
Chacra					1 C	d a b a c a	Ch - 7 -			
Mesaverde		4788				dstone,	Shale			
Mesaverde Mancos SI		4788 5494		Sha	le					
Mesaverde		4788 5494 6471		Sha Sil	le tstone.	, Shale				
Mesaverde Mancos SI		4788 5494		Sha Sil	le tstone.					
Mesaverde Mancos SI Gallup		4788 5494 6471		Sha Sil	le tstone.	, Shale				
Mesaverde Mancos SI Gallup		4788 5494 6471		Sha Sil	le tstone.	, Shale				
Mesaverde Mancos SI Gallup		4788 5494 6471		Sha Sil	le tstone.	, Shale				
Mesaverde Mancos SI Gallup		4788 5494 6471		Sha Sil	le tstone.	, Shale				
Mesaverde Mancos SI Gallup		4788 5494 6471		Sha Sil	le tstone.	, Shale				
Mesaverde Mancos SI Gallup		4788 5494 6471		Sha Sil San	le tstone.	, Shale				
Mesaverde Mancos SI Gallup		4788 5494 6471		Sha Sil San	le tstone.	, Shale				
Mesaverde Mancos SI Gallup		4788 5494 6471		Sha Sil San	le tstone.	, Shale				

32. Additional remarks (include plugging procedure).

• • • . • . •4. • •

33 Indicate which items have bee attached by placing a check in the appropriate boxes	S:
X Electrical/Mechanical Logs (1 full set req'd) Geologic Report	DST Report Directional Survey
Sundry Notice for plugging and cement verification Core Analysis	Other:
34. Thereby certify that the foregoing and attached information is complete and correct	t as determined from all available records (see attached instructions)*
Name (please print) Bridget Helfrich	Title Regulatory Tech.
Signature Bringet Helprich	Date 8/10/11

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Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false; fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

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Form 3160- (August 200			DEPART: BUREAU		F THE I	NTERIO		RECEIVED								
	WEL			R RECO	MPLE	ION RE	PORT	AND LO	สิบด	1 1 20	11	5 Lease Ser JIC				
la. Type			I 🗙 Gas W			Other	<u>.</u>				6	5 If Indian,		or Tribe N	lame	1
b Type	of Completion	Oth	New Well	Work	Over [] Deepen		Plug Back Sureau	ningto i of La	n Field nd Man	Office age	Jica Hunit or C.		Apache ment Narr		
2. Name of	of Operator			· · · ·			- <u>//</u>					Lease Nar	no and W	Vall Na		
Ener	<u>-Vest Oper</u>	<u>ating,</u>	LLC											B No.	2M	
3 Addres	-	C+- 0	00 11		. 7700	0	3a	Phone No (e) 5	API Well	No			•
	Fannin_St m of Well (Rep			<u>ston, T</u> ' <i>in accord</i> a			equireme		495-6	0007		<u>30 - 0</u> Field and		914-00 Explorate		•
At surfa	uce UL O	1190'	FSL & 26	30' FEL	Lat	36.483	111 Lo	ong 107.	36458	3		Tapa	cito-G	Gallup		
												Survey or	Area			
At top p	rod interval re	ported belo	W									UL 0 2.County or		16, 26 13 Sta	5N, 05W	-
At total	depth											Rio Arı			NM	
14. Date S	pudded	15 Dat	e T D Reach	ed		16 Da	ate Com			uto D. I	1'	7 Elevatio	ns (DF, F			
57	12/11		7/11/11				D&A	区 8/5/	1 .	y to Prod			614' ,62 6'	GL	1	
	Depth MD	7.5		Plug Bac	K T D · I	MD	7.5	525		Depth Br	idge Plu		1D			•
	TVD					rvd							VD		<u></u>	•
21 Type	Electric & Othe	er Mechani	cal Logs Run	(Submit co	py of ea	ch)				Vas well co Vas DST ri		X No X No		Yes (Submi Yes (Submi	it analysis)	
Compac	t Triple (Combo/Qu	uicklook	log; CB	L					Directional		=		Yes (Subm	•	
	g and Liner Red															_
Hole Size	Size/Grade	Wt (#ft)	Top (MD)	Bottom	(MD)	Stage Cen Dept		No of Sk Type of C		Slurry (BB		Cement	Top*	Атс	ount Pulled	
12 1/4"	9 5/8"	36	0	41	1			200							8 bbls	-
0.0/4	J55 LTC							1.00							05.113	-
<u>8 3/4"</u>	7"	23	0	346	<u>4</u>			160							<u>35 bbls</u>	-
6 1/4"	J55 LTC 4 1/2"	11.6	03880	• 753	10			<u>340</u> 420	-			3884			50 bbls	-
0 1/1	N80 LTC		2000		<u> </u>							<u> </u>)			•
24 Tubin			_ _									•				•
Size	Depth Set (acker Depth (N	1D) S	ıze	Depth Se	t (MD)	Packer De	pth (ME)) S	IZE	Depth Se	t (MD)	Packe	r Depth (MD)	
2-3/8" 25 Produ	7,405 cing Intervals					26 Perfo	ration R	ecord		<u>_</u>						-
	Formation		Тор	Bot	tom		erforated			Sıze		No Holes	1	Perf S	Status	-
A) <u>T</u>	apacito-Ga	11up	6820		_	68	320 to	0 to 6831		0.400		48		(Dpen	·
B)											_					-
C) D)											+					-
<u> </u>	Fracture, Treat	ment Cem	ent Sauceze	 Etc	[<u> </u>	_1					-
	Depth Interval							Amount and	Type of	Material						-
68	20 to 6831		1000 g	gals 15%	HCL;	30,000	# 20/	40 Sd; 1	,138,	000 sc	f N2:	foamed	w/ 578	8 bbls	3% KCL.	_
															ECEIVI AMA 201 IL CONS. DIV.	
												<u> </u>		-	OUITS'	4157
28 Produc	tion - Interval A	ļ						<u>. </u>				. <u></u>		69		- °>
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gr	avity	Gas	P	roductio	n Method		4 49 49 49	RECEIVI	ED 1
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr A		Gravity				(ň.	FAILA 201	1
Choke Sıze	Tbg Press Flwg	Csg Press	24 Hr	Oıl BBL	Gas MCF	Water BBL	Gas (Ratio		Well St	atus				5	IL CONS. DIV. I	DIST 3
	SI	11033	>										<u>`</u>	\ • _		- A
	ction-Interval E	1	T				010	avatu I	C	<u> </u>		- Mad 1			CR BECORDT	a vic
Date First Produced	Test Date	Hours Tested	Test Production	Oıl BBL	Gas MCF	Water BBL	Oil Gra Corr A	API	Gas Gravity		roductio	n Method	1		N62738	TE.
Choke	Tbg Press	Csg	24	Oil	Gas	Water	Gas (Well St	atus		<u> </u>	A A	NUG T	1 2011	
Size	Flwg SI	Press	Hr →	BBL	MCF	BBL	Ratio							-	BLD OFFICE	
(C	s and spaces for add	litional data on	page 2)		·	·	Ň	imocd	9,				≝ * _ E	1-Saly	23	- 1

288 Production - Interval C Date First Production Method Date First Production Method Production Method Choke Tbg Press First Press 24 Date 'I' Gas' Gas' Gas' Gas' Gas' Gas' Gas' Gas' Gas'			······							, , , , , , , , , , , , , , , , , , , 				
Produced Date Tested Production BBL MCF BBL Gravity Gravity Choke Size Tbg Press. It Csg. St 24 Hr. Oil 'i Gas Gas Oil Water BBL Gas Water BBL Gas Well Status 28c. Production-Interval D Test Hours Test Oil Gas Oil Gravity Gravity 28c. Production-Interval D Test Production BBL MCF BBL Gas Oil Gravity Gravity 28c. Production-Interval D Test Production BBL MCF BBL Gas Production Production 29 Disposition of Gas (Sold.used for fuel, venied, etc : 30 Summary of Porous Zones (Include Aquifers) Show all important zones of porosity and contents thereof Cored intervals and all drili-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries 31. Formation (Log) Markers Formation Top Bottom Descriptions, Contents, etc Name Meas.Depth Chacra 4009 Sillstone Coal . Sandstone, Shale Shale Shale Gallup 6471 Sillstone. Shale Shale Shale	28b Product		val C											
Size Five S1 Press. Hr. BBL MCF BBL Ratio 28c. Production-Interval D Date First Test Date Test Tested Producton BBL Gas MCF Oil BBL Gas Gravity Production Method Choke Tbg. Press Five Csg S1 Press Csg Five Press Csg Press Oil BBL Gas MCF Water BBL Gas MCF Production Method 29 Disposition of Gas (Sold.used for fuel, vented, etc.) BBL MCF BBL Gas MCF Water BBL Gas Oil Ratio Well Status 30 Summary of Porous Zones (Include Aquifers) Sinterror Sinterror Sinterror Sinterror Sinterror Formation Top Bottom Descriptions, Contents, etc Name Meas.Depth Chacra 4009 Sinterror Sinterror Sinterver Shale Gaslup 6471 Sinterone, Shale Shale Shale Shale				Production				Gravity		Production Method				
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Size Flwg S1 Press Hr. BBL MCF BBL Ratio 29 Disposition of Gas (Sold, used for fuel, vented, etc.) 31. Formation (Log) Markers 30 Summary of Porous Zones (Include Aquifers) [.] Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries 31. Formation (Log) Markers Formation Top Bottom Descriptions, Contents, etc. Name Top Chacra 4009 Siltstone Coal., Sandstone, Shale Shale Shale Mancos Shale 5494 Shale Shale Shale Shale Gallup 6471 Siltstone, Shale Shale Siltstone, Shale Shale				Production			Water BBL	Gravity						
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including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries Formation Top Bottom Descriptions, Contents, etc Name Top Chacra 4009 Siltstone Meas.Depth Meas.Depth Mesaverde 4788 Coal. Sandstone, Shale Sandstone, Shale Formation Gallup 6471 Siltstone. Shale Siltstone. Shale Siltstone. Shale	30 Summa	ary of Poro	us Zones (Inc	lude Aquifers)					31. Format	tion (Log) Markers				
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	Mancos	Shale	5494		Sha	е								
Dakota 7303 Sandstone, Shale, Coal	Gallup		6471		Silt	stone.	Shale							
	-		7303		Sano	istone.	Shale	. Coal						
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33. Indicate which items have bee attached by placing a check in the appropriate boxes	28
X Electrical/Mechanical Logs (1 full set req'd) Geologic Report	DST Report Directional Survey
Sundry Notice for plugging and cement verification Core Analysis	Other
Sundry Notice for plugging and cement verification Core Analysis	ct as determined from all available records (see attached instructions)*
	Title Regulatory Tech.
Signature Bridget Helfrich	Date 8/10/11

Title 18,U S C. Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, figureau or fraudulent statements or representations as to any matter within its jurisdiction

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG Letter Streth No. The Type of Well Ownell () Car Well Own Obser Dary of Well Ownell () Car Well Ownell Deget Deget Completion Field Office I Lage Completion Control of Completion Note: Completion () Car Well Ownell Ownel	Form 3160- (August 200					OF THE	ES INTERIO NAGEMEN				IVE 1 2011		Expires July 31, 2010				
In Type of Well Only Well Only Well Other Famingion Face Control Famingion Face Control Famingion Face Control 2. Mine of Operator Color With Monthall Learning Line Face Control DUIL Nov. Jackson 2014 (2016) Jac		WELL			R REC	OMPLE	TION RE		AND LOC		2011	5. L				_	
b Type of Completion Diff Rev Diff Rev <thdiff rev<="" th=""> Diff Rev Diff Rev</thdiff>	la. Type	of Well	 Oil Wel	I 🛛 Gas V	Well	Dry	Other						6. If Indian, Allotee or Tribe Name				
Other Other 1 Address 51. Last Name and Woll No. - TopPYest Operating. LC 31. Phone No. (nebuda area code) 31. Hast Name and Woll No. - Marce State Woll No. - State Name and Woll No. - State Name and Woll No. - Marce State Woll Marce No. (Nebuda area code) 30. 039. 299.294.00C1 30. 039.299.294.00C1 - Marce State Woll No. - State Name and Woll No. - State Name and Woll No. - State Name and Woll No. - Marce State Woll No. - State Name and Woll No. - State Name and Woll No. - State Name and Woll No. - Marce State Woll No. - State Name and Woll No. - State Name and Woll No. - State Name and Woll No. - Marce State Woll No. - State Name and Woll No. - State Name and Woll No. - State Name and Woll No. - Marce State Woll No. - State Name and Woll No. - State Name and Woll No. - State Name and Woll No. - Marce State Woll No. - State Name and Woll No. - State Name and Woll No. - State Name and Woll No. - State Name And Woll No. - State Name and Woll No. - State Name and Woll No. - State Name and Woll No. - State Name Reade State No. - State Name No. <td>b Type</td> <td>of Completion.</td> <td></td> <td></td> <td></td> <td>•</td> <td>Deepen</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td>	b Type	of Completion.				•	Deepen			-						_	
EncryVest: Operating. Lic 3. Address 3.0. Phone No. (metude area could) 7.13 - 495 - 5537 1.0011 Fannin St. Ste 800 Houston, Tx. 77002 7.3 - 495 - 5537 1.1 starfine UL 0 1190 ° FSL & 2630 ° FEL Lat 36.483111 Long 107.364583 A. top prod interval reported below 110 ° FSL & 2630 ° FEL Lat 36.483111 Long 107.364583 A. top prod interval reported below 110 ° FSL & 2630 ° FEL Lat 36.483111 Long 107.364583 A. top prod interval reported below 110 ° FSL & 2630 ° FEL Lat 36.483111 Long 107.364583 A. top prod interval reported below 110 ° FSL & 2630 ° FEL Lat 36.483111 Long 107.364583 14. Date Spudded 15 Date T.D. Reached 17. The Combo OFF. FKDR FT, GL)* - 66466 ° GL 51.12.01 ° T.S. T.R. M. of Block and Star 10 ° St			Oth	er										Č.,			
3 Addess 3a. Ploor No. (include and could) 73.4 495.6537 30.039.29914.00C1 4 Location of Well (Reput location clearly and accordance with Federal requirement)? 30.039.29914.00C1 100.190.750.4 2630'. FEL Lat 36.483111 Long 107.364583 At top pool interval reported below 15.0ac 7.200.00.00.00.00.00.00.00.00.00.00.00.00		-	atina.	LLC								8. L					
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Size Files Press Hr BBL MCF BBL Ratio				\rightarrow											4 4 2040	1	
FARJERNATION FIELD OFFICE		Flwg		Hr						wen sta	nus						
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Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Sıze	Tbg Press. Csg. Flwg Press SI		24 Hr.	Oıl BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status		
28c. Produc	ction-Interv	/al D	•							
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Production Method Gravity		
Choke Size	Tbg Pres Flwg. SI	ss Csg Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
9. Disposi	tion of Gas ((Sold,used for	fuel, vented, e	tc.)						
Show a	ll important	ous Zones (Inc zones of porosit	y and contents t	hereof [.] Co	ored interva	s and all dri	ll-stem tests,	31. Forma	tion (Log) Markers	
	ing depth in reries	terval tested, cus	shion used, time	tool open,	flowing an	d shut-in pre	essures and			
Forma	ation	Тор	Bottom		Descr	intions Co	ontents, etc.		Name	Тор
										Meas.Depth
Chacra		4009			tstone					
Mesaver	rde	4788				istone.	Shale			
Mancos	Shale	5494		Sha	le					
Gallup		6471		Sil	tstone,	Shale				
Dakota		7303		San	dstone	, Shale	, Coal			
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32. Additional remarks (include plugging procedure):

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33 Indicate which items have bee attached by placing a check in the appropriate boxe	s:
X Electrical/Mechanical Logs (1 full set req'd) Geologic Report	DST Report Directional Survey
Sundry Notice for plugging and cement verification Core Analysis	Other:
1 the state of the second	
34 Shereby certify that the foregoing and attached information is complete and correc	t as determined from all available records (see attached instructions)*
AND Y	
Name (please print) Bridget Helfrich	Title Regulatory Tech.
Signature Bridget Helfrich	Date 8/10/11

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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