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Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCT 11 2011

FORM APPROVED OMB NO. 1004-0137 Expires July 31, 2010

	WELL	COMP	LETION	OR REC	OMPLET	ON REP	ORT	FANDILO(on Fie	onanei 19near	nen	JIC 1			
la. Type	of Well	Oil We	II X Gas	Well	Dry	Other	- 50	recu ot L i	30111101	21121101				r Tribe Name	
h Type	of Completion:	_		l Wor		Deepen		Plug Back		oiff Resv	r,			<u>Apache</u>	
o. Type	or completion.	Oth	•	<u></u>		-						Repo	- 1	nent Name and No.	,
2. Name o	f Operator											Lease Name			
	<u>Vest Opera</u>	<u>iting,</u>	LLC				13.	Dhana Na	/		J-)	Jicar	illa	102 No. 11M	
3 Addres		C+~ (200 11-		T., 77000	1	Ja.	Phone No. (<i>ie)</i> 9	. API Well N		10 00 00	
1001 4. Locatio	Fannin St n of Well <i>(Repo</i>	ort location	on clearly a	nd in accord	Tx 77002 dance with l	ederal rea	uireme		<u>- 495 - 6</u>	000/				12-00-C3	
At surfa	•		•			-		g 107.24	619		10	Field and Po. Blanco	Mesa	verde	
	OL L	1000	152 0	100 I W.L	. Luc 3	0.43020	LOTI	g 107.24	013		11	. Sec., T , R.,	M., or		_
At top pi	od interval rep	orted belo	ow									Survey or A	Sec	10, 26N, 04W	
											12	.County or F	arish	13 State	
At total		,										Rio Arr		NM NM	
14 Date S	pudded	15. Da	te T D. Rea	ched		16. Dat	e Com D & A	pleted	n Read	y to Proc	, 17	. Elevations	(DF, R	KB, RT, GL)*	
5/18	/11		8/8/11			U	D & A	10/7		y to 1100	.	6.5	384' (GI	
18 Total I		J		19 Plug Ba	ick T.D.: N	 1D	7	955		Depth B	ridge Plu			<u>uL</u>	
	TVD	Ο,	"			VD	,,,	J J J J		1	J	TV	D 'D		
21. Type I	lectric & Other	Mechan	ical Logs R	un (Submit	copy of eac	h)			22 \	Was well	cored?	X No	Y	es (Submit analysis)	
										Was DST		X No	=	es (Submit report	
	t Triple C									Directions	ıl Survey?	X No	<u> </u>	(es (Submit copy)	
23. Casing	and Liner Rec	ora (Repo	rt all string	s set in well	<u>'</u>	Stage Ceme	4) v co		T 61	37.1				_
Hole Size	Size/Grade	Wt (#ft.)	Top (M		m (MD)	Depth		No of SI Type of C			y Vol BL)	Cement T	op*	Amount Pulled	<u>. </u>
2 1/4"	9 5/8"	36	_	4	15			200)		sur			15 bbls 910111	7
	_J55_STC		<u> </u>							ļ				4897011	<u>~13;</u>
8 3/4"	7"	23	_	39	995			560)	ļ		Est 20	70'	/6° 5	4
	N80 LTC							ļ		ļ				RECE	WE
6 1/4"	4 1/2"	11.6		79	965			325	5			3200	'	N TOL	
24 T-1-	N80 LTC							<u>L</u>		ļ		<u> </u>		- 001	<u> </u>
24. Tubing								···		- 1				OIL CONS. DI	V DIS
Size 2-3/8"	Depth Set (1 7,841		acker Depth	(MD)	Size	Depth Set	(MD)	Packer D	epth (MI)	Size	Depth Set	(MD)	Packer Depth (MI	<u>)) </u>
	ing Intervals			<u> </u>		26. Perfor	ation R	L Record						65/707	
	Formation		Тор	В	ottom			Interval		Size	1	No Holes		Perf Status	
A) B1	anco Mesav	erde	5256			525	57 t.c	5805		0.400		150		0pen	
B)	41.00 1.0041	0, 40	5255								1				_
C)															_
D)											·				_
27. Acid,	Fracture, Treatr	nent, Cen	ent Squeez	e, Etc.											
	Depth Interval							Amount and	d Type of	f Material			-11		
52	57 to 5805		Stg				_					v/ 1,036			
			Stg	2: 56	,319# 20	/40 Sd	w/ 7	702,000	scf N	2 foan	ied w/	553 bb1s	3% 1	KCL.	
		_	ļ												
	ion - Interval A		l =	1 = .	1.	T	Leve			- 1					
Date First Produced	Test Date	Hours Tested	Test Productio	n Oil n BBL	Gas MCF	Water BBL	Oil Gi Corr	ravity API	Gas Gravity	,	Productio	n Method			
Chalca	The Dece-	Con	24	02	Con	Wata-	Gerr	Oil	Wallo	tatus					
Choke Size	Tbg Press Flwg.	Csg Press.	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas [,] Ratio		Well S	ıatuS		•			
	SI						l					AL.	, PI	ED FOR REC	Ja n
	tion-Interval B	Uour-	Т	02	10	Wata-	Oil G	ravity	Con	T	Drodu-4		"		
Date First Produced	Test Date	Hours Tested	Test Productio	n Oil BBL	Gas MCF	Water BBL	Corr	API	Gas Gravit	y	Productio	n Meniod	00	T 1 1 2011	
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Ratio		Well S	tatus		FAR		TON FIELD OF	 FICE

8b. Producti	on - Inter	val C				-				····		
Date First	Test	vaiC	Hours	Test	Oil	Gas	Water	Otl	Т	Gas	Production Method	
roduced	Date		Tested	Production	BBL	MCF	BBL	Gravity Corr. API -		Gravity		
oke ze	Tbg Pre Flwg SI	ss	Csg. Press	24 Hr	Oil BBL	Gas · · · · MCF	Water BBL	Gas [.] Oıl Ratio		Well Status		
c. Product	tion-Inter	val D									<u></u>	
ate First roduced	Test 'Date		Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API		Gas Gravity	Production Method	
hoke ize	Tbg Pre Flwg. SI		Csg Press.	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas [.] Oıl Ratio		Well Status		
Disposit	on of Gas	(Sold,	used for j	fuel, vented, e	tc.)							
D. Summa	ry of Por	ous Zo	nes (Incl	ude Aquifers)	:					31 Format	non (Log) Markers	
Show all	l important ng depth in	zones	of porosit	y and contents t	hereof Co				ļ			
				D - #		Descri	· · · · · · · · ·				.,	Тор
Formation Top		op	Bottom		Descri	ptions, Co	ontents, etc.			Name	Meas.Depth	
Chacra		4	535		Sil	tstone						
fesaver	de	52	256		Coa	1, Sand	stone,	Shale				
fancos :	Shale	58	857		Sha	1e						
allup		69	923		Sil	tstone.	Shale		l			
akota		7	756		Sar	dstone,	Shale	. Coal	1			
. * .		· /s				,	·	·				<u>.</u>
Additio	nai remar	ks (inc	ciuae piu	gging procedi	ire):						,	
	•											
X Electr	ncal/Mecl	hanica	l Logs (1	ttached by pla full set req'd nd cement ver)	Geolo	ppropriat gic Reporte e Analysi	rt DST R		Direct	tional Survey	
I. I hereby	certify th	nat the	foregoir	ng and attache	d inform	ation is com	plete and	correct as deterr	nined f	from all avai	lable records (see attached	instructions)*
Name (p	lease prın	<i>ut)</i> E	Bridge	t Helfric	h		··		Title	Regulat	cory Tech.	
Signature	e	B	rilgi	et H	effr	ich			Date .	10/3/11	L	,
								e for any person			llfully to make to any dep	artment or agency of the U

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Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



FORM APPROVED OMB NO 1004-0137 Expires July 31, 2010

	WELI	COMP	LETION O	R RECO	MPLE	TION RE	PORT	аивсфо	112	011	5	Lease Seria			
la. Type	of Well	Oil We	ll 🗶 Gas W	/ell]	Dry	Other		Farmingt	on Fle	10 Uttics				r Tribe Name	
b. Type	of Completion	_ X	New Well	☐ Work	Over] Deepen	Б.	Farmingi Plus Bark Lireau Brik		anagem	ei			Apache	
7 1	F	Oth	•					areauor			1.	Repor		ent Name and No.	
2 Name o	•										8.	Lease Nam	e and W		
Ener 3 Addres	<u>'Vest Oper</u>	ating.	LLC				139	Phone No. (1	ncluda	area code)				102 No. 11M	
	s <u>Fannin St</u>	Ste 8	ROO - Hous	ston To	x 7700	12	34.		495-6		9	API Well N		12-00-C1	
4. Location	on of Well (Rep	ort locatio	n clearly and	ın accorda	nce with	Federal re	quirem		130 0	507	10.			Exploratory	
At surfa	ice UL L	1668 '	FSL & 46	8' FWL	Lat 3	36.49820) Lon	g 107.246	519			Basin	Dakot	<u>a </u>	
								_			11.	Sec., T, R. Survey or A	Área		
At top p	rod interval rep	orted belo	w								[_			10, 26N, 04W	
At total	denth										- 1	County or		13. State	
14. Date S		15 Dat	te T D. Reach	ad .		16 De	ate Com	nleted				Rio Arr		NM KB, RT, GL)*	
14. Date 3	14. Date Spudded 15. Date T D. Reached 16. Date Completed D & A X Ready to Prod											. Lievation	3 (DI , IV	ikb, K1, GL)	
5/18	/11		8/8/11					10/7			l	6,	884' (GL	
18 Total	Depth MD	8,	000 19.	Plug Back		MD	7,	955	20. I	Depth Bridg	ge Plu				
01 7	TVD			(0.1)		TVD			├ ─				/D		
21. Type l	Electric & Othe	r Mechani	cai Logs Run	(Submit co	py of ea	cn)			1	/as well core /as DST run	d?	X No	=	es (Submit analysis) es (Submit report	
Compac	t Triple C	ombo/Oi	uicklook	loa: CBI	L				1	ras DST run Pirectional Su	ırvev?				
	g and Liner Rec								4			<u> </u>	<u> </u>		
Hole Size	Size/Grade	Wt (#ft.)	Top (MD)	Bottom	(MD)	Stage Cem		No of Sk		Slurry V		Cement T	op*	Amount Pulled	
12 1/4"	9 5/8"	36	147 (12)	41	<u>`</u>	Depth	<u> </u>	Type of Ce	ment	(BBL)		surf		15 bbls	
<u> 1, 1</u>	J55 STC			1				1 200				3411		13 0013	
8 3/4"	7"	23		399	95			560				Est 20	70'		
	N80 LTC				-								-		
6 1/4"	4 1/2"	11.6		796	55			325				3200	,		
0 1/ 1	N80 LTC			1 - / 30	"			523				0200			
24. Tubin			<u>.</u>	<u> </u>				_						· · · · · · · · · · · · · · · · · · ·	
Size	Depth Set (MD) P	acker Depth (M	ID) S	ize	Depth Se	t (MD)	Packer De	pth (MD)) Size		Depth Set	(MD)	Packer Depth (MD)	
2-3/8"	7,841	1									l				
25. Produ	cing Intervals			 		26 Perfo							1		
	Formation		Тор	Bot	tom	Perforated Interval				Size No Holes			Perf. Status		
	Basin Dako	ota	7756			7756 to 7944			0.400			96		Open	
B)					-								+-	·	
D)	<u>. </u>		· · · · · · · · · · · · · · · · · · ·					 	+-				 		
	Fracture, Treati	nent Cem	ent Squeeze	Etc.						<u></u>			ب	99101172	
27. 11014,	Depth Interval	nein, cem	om squeeze,	Ltc.		 		Amount and	Type of 1	Material		· 		26' ~ <73	
77	56 to 7944		75.328	3# 20/40) Sd w	/ 2.154	.000	scf N2 f			bb1	s 3% KCI		* Dr a	
						·	,						12/2	CENT	
													П	OCTIONS	
													180	OIL COME	
28. Produc	tion - Interval A	7											186	UN DICT	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gr Corr	ravity API	Gas Gravity	Pro	duction	Method	15	2	
			Production	DBL	IVICT	BBL	<u> </u>				_			₹	
Choke Size	Tbg. Press Flwg.	Csg. Press	24 Hr	Oıl BBL	Gas MCF	Water BBL	Gas Ratio		Well Sta	itus				030 00	
	SI SI		_ 					<u> </u>							
	ction-Interval B	·		, 		-						200	وجنا طاياتك عما	<u> </u>	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gi Corr	ravity API	Gas Gravity	Pro	duction	Method			
						<u> </u>	-	0.1				 	OCT	1 2011	
Choke Sıze	Tbg. Press Flwg.	Csg. Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas. Ratio		Well Sta	ιτus					
(See instru-	SI as and spaces for add	itional data a	, ————————————————————————————————————	<u> </u>		E 91	i seram	9 -					MINGT	ON FELD OFFICE	
/oce manaction	is and spaces for add	INOUS GSES OF	page 2)			N	NUL	Dn				BY_	0	<i>N</i>	

28b.Producti				7							
Date First Produced	Test Date	Hours Tested		Oil BBL	Gas MCF	Water BBL : } .	Oil Gravity • • Corr. API		Gas Gravity	Production Method	
Choke Size	Tbg Pre Flwg. SI	Csg Press	. 24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio		Well Status		
28c. Product	tion-Inter	val D									
Date First . Produced ~	Test Date	Hours		Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API		Gas Gravity	Production Method	
Choke Size	Tbg Pre Flwg. SI	Csg. Press	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas ⁻ Oil Ratio		Well Status		
29. Disposit	on of Gas	(Sold,used f	or fuel, vented, e	tc.)							
30 Summa	ery of Por	ous Zones (I	nclude Aquifers	١٠					31 Format	tion (Log) Markers	
Show all	l important ng depth in	zones of porc	sity and contents cushion used, time	thereof: Co						(6),	
T)		25	D.#*-		D						Тор
Formation Top Botton			Bottom		Desci	riptions, C	ontents, etc.			Name	Meas.Depth .
Chacra		4535		Sil	tstone	•					
Mesaver	de	5256		Coa	1, Sand	dstone,	Shale				
Mancos :	Sha1e	5857		Sha	le			.			į
Gallup		6923		Sil	tstone	, Shale	!				
Dakota		7756		Sar	dstone	, Shale	e, Coal				
								ĺ			,
											,
20		1 - 1 - 1 - 1	1					i			
32 Additio	nal remar	ks (include p	lugging proced	ure):							
33 Indicate	which the	ems have be	attached by pl	acıng a ch	eck in the	annronria	te hoves:		·		
	•		(1 full set req'd			logic Repo		?enort	Direct	tional Survey	
		· .	and cement ver			ore Analys		-	Bireci		
		b.a888				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
34. I hereby	certify tl	hat the foreg	oing and attache	d inform	ation is co	mplete and	d correct as deter	mined	from all avai	lable records (see attached	instructions)*
Name (pi	lease prin	w Bridg	<u>get Helfric</u>	:h				Title	Regulat	cory Tech.	
		10 .	1 1 1	1 11	. /						
Signature	ر. <u>ر. </u>	Bride	ret 4	elfre	ch			Date	10/3/11		
				0							
			, L								
Γitle 18 U S.	C. Section	n 1001 and	Title 43 U.S.C.	Section 1	212, make	e it a crim	e for any person	knowi	ingly and wi	lifully to make to any depa	artment or agency of the Unite

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Form 3160-4 (August 2007)

(See instructions and spaces for additional data on page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR

RECEIVED

FORM APPROVED OMB NO. 1004-0137 Expires July 31, 2010

DEFACTMENT OF THE INTERIOR		Į OW
BUREAU OF LAND MANAGEMENT	OCT 11 2011	Exp
VELL COMPLETION OR DECOMPLETION DEPORT	5 Lease Serial No	

	AAELI	COMP	LETION OF	· KECC		HON KER	-OKI	arminato	n Fiold	Office		JIC	102	
la. Type	of Well	Oil W	ell 💢 Gas W	ell \square	Dry	Other		eau of La				. If Indian,	Allotee	or Tribe Name
h Tvne	of Completion:	_	New Well	_	Over [Deepen		Plug Back		iff.Resvi	. L			<u>Apache</u>
0. 1) po	or completion.	Ot	_		_		L	, ,				Unit or C	A Agree	ment Name and No.
2. Name	of Operator										= <u> </u>	Lease Na	me and \	Well No.
	rVest Opera	<u>ating,</u>	LLC					· · · · · ·						102 No. 11M
3. Addres	-			_			3a.	Phone No ((e) 9	API Well		
	Fannin St on of Well (Rep			ton, T			auiram.		<u>495-6</u>	53/	_			912-00-C2
At surfa			•				-		C10		10		l Pool, or esa Ga	Exploratory
At suite	ace UL L	1668	FSL & 46	8. FMT	Lat .	36.49820	Long	g 107.246	519		11			r Block and
At top n	rod, interval rej	orted bel	ow									Survey of	r Area	10, 26N, 04W
P											12	County o		13. State
At total	depth										1	Rio Ar) NM
14. Date S	Spudded	15 Da	ite T.D. Reache	ed		16. Dat	te Com	pleted						RKB, RT, GL)*
		1					D & A	L <u>V</u>	J	to Prod	.			
5/18			8/8/11					10/7					,884'	GL
	Depth: MD TVD			Plug Bac		TVD	7,	955	20. _. I	Depth Bi	idge Plu	-	MD TVD	
21 Type	Electric & Othe	r Mechan	ical Logs Run	(Submit c	opy of ea	ch)		·· ·	22 W	as well c	ored?	X No	=	Yes (Submit analysis)
0									1	as DST r		X No		Yes (Submit report
	t Triple C								D	irectiona	Survey?	X No		Yes (Submit copy)
	Ī					Stage Cem		No.of Sk	. 0.	C1	Vol.	I		
Hole Size	Size/Grade	Wt (#ft) Top (MD)	Botton	1 (MD)	Depth		Type of Co		Siury (Bi		Cemen	t Top*	Amount Pulled
12 1/4"	9 5/8"	36_		41	15			200				su	<u>rf</u>	15 bbls
	J55 STC													
8 3/4"	7"	23_		39	95			560				Est 2	070'	
	N80 LTC			ļ				<u> </u>						
6 1/4"	4 1/2"	11.6		79	65			325				320	0'	
	N80 LTC							<u> </u>						
24. Tubin	g Record													
Size	Depth Set (Packer Depth (M	D)	Size	Depth Set	(MD)	Packer De	pth (MD)		lize	Depth S	et (MD)	Packer Depth (MD)
2-3/8"		<u>`</u>												
25 Produ	cing Intervals			1 -		26 Perfor			η-					D. C. C.
<u> </u>	Formation		· Top	Во	ttom	Perforated Interval 7284 to 7292			Size			No Holes		Perf. Status
	3S Mesa Gal	Tup	6923	+		/28	84 to	7292		0.400	-	36		0pen
B) C)		_		-					-		-		 -	
D)			<u> </u>	+					_		+		 	
	Fracture, Treat	ment Cer	nent Causage	Eto.						_	!			18910177
Z7. Acid,	Depth Interval		licht Squeeze,	Dic.				Amount and	Type of I	Material			/ Ox	100 V
72	284 to 7292		26 865	# 20/4	0 Sd w	/ 837 በ(10 sc	f N2 foa			hh1s	3% KCI	(2)	RECENT
	.OT CO 7232	<u> </u>	20,000	יור בטוק	0_30 W	7. 037,00	<i>70</i> 30	1 142 1 Ou	ilica w	7 343	DDIS	3% NOL	15	OCE
													11	Oll 12.1.0
													٠,٠	TIO. U/V DICT
28. Produc	tion - Interval A												1,00	7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7
Date First	Test	Hours	Test	Oıl	Gas	Water	Oil Gi	ravity	Gas	1	Production	n Method		ES
Produced	Date	Tested	Production	BBL	MCF	BBL	Согт	API	Gravity					25265
Choke	Tbg Press	Csg	24	Oıl	Gas	Water	Gas		Well Sta	itus				
Size	Flwg SI	Press	Hr	BBL	MCF	BBL	Ratio	· [•
28a Produ	ction-Interval B		1		Ц	_l	J	1				Â	CCEF	ted for reco r
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gi Corr	ravity	Gas		Productio	n Method		
Produced	Date	Tested	Production	BBL	MCF	BBL			Gravity				(OCT 1 1 2011
Choke Size	Tbg Press Flwg.	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas ¹ Ratio		Well Sta	itus		F	ARMIN	GTON FIELD OFFIC

8b.Producti	ion - Inter	/al C								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas . MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method	-
Choke	Tbg Pres		24	Oil	Gas	Water	Corr API Gas Oil	Well Status		
Size	Flwg SI	Press.	Hr	BBL	MCF	BBL	Ratio	Wen Status		
28c. Product	tion-Interv	al D	<u> </u>	1		<u> </u>	L,			
Date First Produced	Test Date	Hours Tested	Test . Production	. Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method	
Choke Size	Tbg Pres Flwg. SI	Csg Press.	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status		
29 Disposit	non of Gas	Sold,used for	fuel, vented, e	tc.)	, I					
30 Summa	ary of Porc	us Zones (Inc	lude Aguifers					31 Form	nation (Log) Markers	
Show all	l important ing depth in	zones of porosit terval tested, cu	y and contents t	hereof Co	ored intervals flowing and	and all dr shut-in pre	ull-stem tests, essures and		(6)	
Format	tion	Тор	Bottom		Descri	ntions. Co	ontents, etc		Name	Тор
	-			1						Meas Depth
Chacra	do	4535	ļ		tstone	atono	Chala			
Mesaver		5256 5057		Sha	1, Sand	scone,	Snate			
Mancos	Snare	5857		i		Chala				
Gallup	•	6923		- 1	tstone,					
Dakota		7756		San	dstone,	Shale	, Coal			,
~	-									
										,
	,									
•			ļ							
			٠							
2 Additio	nal remar	ks (include plu	igging proced	ure) [.]				,		
										•
	.,									
	•••	· way								
		ems have bee a						. 🗆 -		
:===						ogic Repo	=	· L	ectional Survey	
Sundi	ry Notice	for plugging a	na cement ver	incation		re Analys	is Other	•		
4. I hereby	y Čeřtify tl	nat the foregoi	ng and attache	d inform	ation is con	nplete and	d correct as determ	ined from all av	ailable records (see attacl	ned instructions)*
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Name (p	nease prin	#) Bridge	t Heitric	<u>:n</u>			-	Title <u>Regula</u>	atory Tech.	······································
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