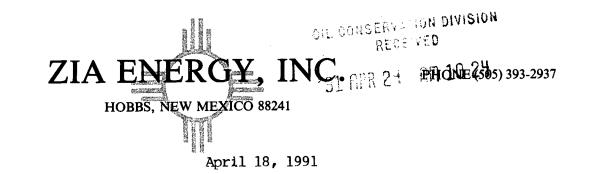
P. O. BOX 2219



New Mexico Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87504

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Attention: Mr. David R. Catanach Engineer

> Re: Request for Administrative Approval For Downhole Commingling-Rule 303-C For the Zia Energy, Inc. Simmons No. 1-G Sec. 5, T22S, R37E Lea County, New Mexico

Gentlemen:

Zia Energy, Inc. requests administrative approval to downhole commingle production from the above described well for the Blinebry, Tubbs and Drinkard formations. The commingled production will be stored in our surface facility located on the lease.

The following information is supplied as requested by OCD Rule 303-C (Downhole Commingling).

303-C(1)(a)(i), the total combined production of oil from all zones is less than the limit for the 6,000 feet to 6,999 feet depth, which is 40 barrels of oil per day.

303-C(1)(a)(i1), all zones will require artificial lift and a conventional pumping unit with sucker rods and pump will be installed.

303-C(1)(a)(111), none of the zones will produce water in excess of 40 barrels per day.

303-C(1)(a)(iv), the Blinebry zone swabbed dry on test. Then, water samples from the Tubbs and Drinkard formations were submitted to an independent laboratory for water analysis and compatibility tests. The enclosed analysis indicates that combining the fluids downhole will not result in the formation of precipitates which might damage any of the formations.

303-C(1)(a)(v), the total value of the crude will not be reduced by commingling. The gravity of the Tubbs crude was 36.6 degrees and the Drinkard crude was 36.8 degrees. Both crudes are comparable in quality. Therefore, there should be no change in the price for the crude oil or natural gas. 303-C(1)(a)(vi), all formations have the same ownership, including working interests and royalty interests. There is no overriding royalty interest.

303-C(1)(a)(vii), the commingling will not jeopardize the efficiency of any future secondary recovery operation and there is no present secondary recovery operation that would include this acreage.

The Simmons No. 1 well is a re-entry of a P&A well. Formerly this well was operated by Sohio Petroleum Company as their Grizzell No. 1. It originally produced the Drinkard formation and has a cumulative production of 67,016 barrels of oil and 22,663 MCF of gas. It was plugged back to the Tubbs formation which has a cumulative production of 1,372 barrels of oil and 467,863 MCF of gas. An attempt was made to plug back and produce the Blinebry, but it only produced 47 barrels of oil and 23 MCF of gas. The well was deemed to be uneconomical to produce and was plugged and abandoned on February 19, 1985.

We have re-entered the well and swab tested the well to produce as indicated on the enclosed C-105 and C-116 forms.

A plat has been enclosed which shows the location of the lease and the well. It also shows the ownership of offsetting leases. The three offsetting operators have been notified of our application for downhole commingling. A copy of the letter to each is enclosed.

Since this well is a recent re-entry of a P&A well, we request that the requirement for a decline curve be waived.

The best estimate of bottom hole pressures for the Blinebry, Tubbs and Drinkard formations would be 450 psi. Since artificial lift will keep the well always in a pumped-off condition, there will be no opportunity for cross-flow to occur.

Based on the enclosed C-116 test data, the following formula is suggested for allocating the production of oil, gas and water:

Formation	Percent 011	Percent Gas	Percent Water
Blinebry	0	0	0
Tubbs	25	28	46
Drinkard	75	72	54

Your favorable consideration of this request for administrative approval for downhole commingling will allow the return to production of a well that would otherwise be uneconomical to produce. This will allow the production of reserves that would otherwise be left in the formations. This will protect correlative rights since offsetting wells are being produced from these formations.

If you have any questions or need any additional information, please contact either Farris Nelson or Don Bratton at the above address or telephone number.

Sincerely,

Farris neron

Farris Nelson

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Submit to Appropriate	En	-	State of New Mex and Natural Res		ent			orm C-105 evised 1-1-89	
State Lease - 6 copies Fee Lease - 5 copies <u>DISTRICT I</u> P.O. Box 1980, Hobbs, N		IL CONS	ERVATIO	· ·	N W	ELL API NO.			
DISTRICT II P.O. Drawer DD, Artesia		Santa Fe,	P.O. Box 2081 New Mexico 8		5	i. Indicate Typ	of Lesse STATE	FEB XX	
DISTRICT III 1000 Rio Brazos Rd., Az					6	i. State Oil &	Gas Lease No.		
	OMPLETION OR	RECOMPLE	TION REPORT	AND LOG					
1a. Type of Weil: OIL WELL X	GAS WELL	DRY	OTHER		7	. Lease Name	or Unit Agreeme	nt Name	
b. Type of Completion: NEW WORK WELL OVER	DEGEPEN B			-entry of & A Wel		Simmo	ns		
2. Name of Operator Zia Energy	v. Inc.				1	3. Well No. 1		-	
3. Address of Operator	y , 110,					. Pool name o	or Wildcat	(
	2219, Hobbs	, NM 88	3241			Bline	bry '	(*	
4. Well Location Unit Letter	<u>G</u> : 1760	Feet From The	North	Line and	1760	Feet Fr	rom The <u>E</u>	ast Line	
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INSTRUCTIONS

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INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

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DISTRICT II P.O. Drawer DD, Artesia		Santa Fe	P.O. Box 2088 , New Mexico 8			5. Indicate Type	of Lesse STATE	PEB XX	
DISTRICT III 1000 Rio Brazos Rd., Az						6. State Oil & O	ias Lease No.		
		RECOMPLE	ETION REPORT	AND LOG			///////////////////////////////////////		
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INSTRUCTIONS

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Southeastern New Mexico

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Northwestern New Mexico

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T. Salt	- •	T. Kirtland-Fruitland	T. Penn. "C"	
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T. Yates	T. Miss	T. Cliff House	T. Leadville	
T. 7 Rivers		T. Menefee	T. Madison	<u> </u>
T. Queen	T. Silurian	T. Point Lookout	T. Elbert	
T. Gravburg 3597'	T. Montoya			
T. San Andres 3783'		T. Gallup		• • • •
T. Glorieta 5070'	T. McKee			
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Name of Operator 8. Well Na 21a Energy, Inc. 1 Addem of Operator P.O. Box 2219, Hobbs, NM 88241 Drinkard Well Cosino 1 Drinkard Well Cosino 1 Drinkard Unal Leter G: 1760 Feet From The North Lise and 1760 Feet From The East Lise Sector 5 Township 22 South Range 37 East NoRM 1. Elex Campbend 3720/591 2/2/191 3/20/91 13 Elevine (Front) 13 Elevine (Front) 3/20/91 3720 Open 64 591 12/21/91 3/20/91 14 Elex Campbend 10 -05/49' Rev & Front 3/20 VP Rev & Front 64 591 10 producing intervalio, of the completion - Top, Botom, Name 20 We Develoand Survey Made 10 of 5/49' Rev & Front 3/20 VP Rev & Front					Re-en ≖P &	try o A Wel	fa	Simmo	ns		
I Addems of Operator 9. Pol sums or Wilder' Drinkard P.O. Box 2219, Hobbs, NM 88241 Drinkard Wall Losins G : 1760 Feet From The North Line and 1760 Feet From The 'East Line Section 5 Towards 22 South Range 37 East NMFM 'Lea Compared 22/5/91 'Lea Compared 16 East 10 Feet From The 'East	2. Name of Operator							8. Well No.			
P.O. BOX 2219, Hobbs, NM 88241 Drinkard Drinkard <t< td=""><td></td><td>y, Inc.</td><td></td><td></td><td></td><td></td><td></td><td>-</td><td>r Wildcat</td><td>• • •</td><td></td></t<>		y, Inc.						-	r Wildcat	• • •	
Umail Later G 1760 Feet Prom The North Line and 1760 Feet Prom The East Line Section 5 Township 22 South Range 37 East NMFM * Lea County 10 Date Spadded 11. Date TD. Reached 12. Date Compt. (Ready to Prod.) 3424* Statu Date Statu Da	-	2219, Hobbs	s, NM 88	8241						n	
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Prow Tubing Press. Casing Pressure Calculated 24- Hour Rate Oil - Bbl. 4.5 Gas - MCF Water - BbL Oil Gravity - API - (Corr.) 36.8 9. Disposition of Gas (Sold, used for fuel, wented, etc.) 25 7 36.8 9. Disposition of Gas (Sold, used for fuel, wented, etc.) Test Witnessed By Vented pending connection to gas pipeline Farris Nelson 0. List Attachments Gamma Ray - Compensated Neutron 0.1. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief	Date of Test 3/22/91		Choke Size	· · ·							Ratio
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Gamma Ray - Compensated Neutron 11. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief	Vented per 30. List Attachments	luing conne	ection to	o gas pi	pelin	<u>e</u>		Fari	ris Nels	on	
	Gamma Ray	- Compensa	ted Neut	tron			<u> </u>				
Signature <u>Farris Delson</u> Printed Farris Nelson Title <u>Engineer</u> Date 4/17/91	_				s true and	complete to	the bes	t of my knowled	lge and belief		7
	Signature <u></u>	iris De	lson	Printed F	arris	Nelso	n_1	ide <u>En</u> f	ineer	Date 4/17	<u>/91</u>

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

8

Northwestern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	- T. Kirtland-Fruitland	T. Penn. "C"
B. Salt		_ T. Pictured Cliffs	T. Penn. "D"
T. Yates		T. Cliff House	T. Leadville
T 7 Rivers	T. Devonian	T. Menefee	T. Madison
T Oneen 3325'	T. Silurian	T. Point Lookout	T. Elbert
T. Gravburg 3597"	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3783'	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 5070'	T. McKee		T. Granite
T. Paddock 5221'	T. Ellenburger		T
T. Blinebry 5520°	T. Gr. Wash		T
T. Tubb6040 *	T. Delaware Sand	T. Todilto	T
T. Drinkard 6321	T. Bone Springs		T
Т. Аво		T. Wingate	T
	T	T. Chinle	T
	T	T. Permain	T
T. Cisco (Bough C)		T. Penn "A"	
	OIL OR GAS S	SANDS OR ZONES	
	to		
No. 2, from	to		to
	IMPORTANI	WATER SANDS	
Include data on rate of water is	nflow and elevation to which water r	ose in hole.	
No. 1, from	to	feet	с <u>с</u> с г
	to		********
No. 3, from	to	feet	
	LITHOLOGY RECORD		
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From	То	in Feet	Lithology	From	То	in Feet	Lithology
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	2	:	Energy, l		s and Nat	ew Mexico ural Resources	Departm	ent		F	form C- levised	
<u>DISTRICT 1</u> P.O. Box 1980, Hobbs, N	IM 88240		<u>οπ</u> ('ANI		TION DI	VICIO	N				n of Page
DISTRICT II P.O. Drawer DD, Artesia	, NM 88210				P.O. B	ox 2088 exico 87504-/		1				
<u>)ISTRICT III</u> 000 Rio Brazos Rd., Az	tec, NM 87410		UEST F	OR A	LLOWAE	BLE AND AU	THORI					
• Operator			TO TR	ANSP	ORT OIL	AND NATU	RAL G		API No.			
•	rgy, Inc	•										
P.O. Bo	<u>x 2219,</u>	Hobbs	, NM	882	241			<u></u>				
Reason(s) for Filing (Ch. New Well Recompletion	eck proper box)	Oil	Change in	n Transp] Dry G		Re-		ain) of P Sohio			#1	
Change in Operator f change of operator give		Casinghe	ad Gas] Conde	nsate	<u>P &</u>	A 2/	19/85.				
nd address of previous of												·
I. DESCRIPTION	OF WELL	AND LE										
Lease Name Simmon	a		Well No.	Pool N	lame, Includi Bline	ng Formation			of Lease Federal or 1	Fee	Le	ase No.
Location Unit Letter	G.	. 17	 60	E at B		North _{Line an}	17	 60	et From Th	 	ast	
Section	5 Township	- •			37 E			P	et from in	• <u> </u>	ea	Line
								••••••••••••••••••••••••••••••••••••••				
II. DESIGNATIO Name of Authorized Tra		SPORTE	OF OF O or Conde			RAL GAS Address (Give ad	ldress to wi	tick approved	copy of this	form is l	o be ser	u)
Navajo Ref	ining Co	mpany	-			P.O. D	rawer	159.	Artes	ia. N	IM	88210
Name of Authorized Tra	asporter of Casing	ghead Gas		or Dry	Gas	Address (Give ad	ldress to wi	hick approved	copy of this	form is l	o be sei	L)
If well produces oil or lic rive location of tanks.	puide,	Unit G	Sec.	Twp. 225	Rge. 5 37E	is gas actually co NO	anected?	When AS	? Seon	As F	088	ible
f this production is comm V. COMPLETIO		from any ot	her lease or	pool, gi	ve commingi	ing order number:						
			Oil Wel		Gas Well	New Well W	orkover	Deepen	Plug Bac	K Same	Res'v	Diff Res'v
Designate Type o	f Completion		<u>j x</u>	_i_		Re-enti			well			l
Date Spudded 2/5/91		1	pi. Ready u /24/9			Total Depth 654	191		P.B.T.D.	599	0.	
Elevations (DF, RKB, RT	, GR, etc.)	<u> </u>	roducing F		1	Top Oil/Gas Pay			Tubing D	epth		
3424' GR		B	lineb	ry		5820'				5975 * Depth Casing Shoe		
5820 ' -	584 <u>5'</u> 0	rigin	al pe	rfor	ations	5 .		:	648	-		
						CEMENTING		D				
17 - 1/			SING & TI		SIZE		<u>ртн set</u> 161 '			SACKS		NT
11"	<u> </u>	8	- 57	8"			547.			150		·
7 - 7/	8"	5			iner	2835'		88•		30		
V. TEST DATA A	ND REOLIES	<u>2</u> T FOR 4	-3/	<u>8" 1</u> ABLE	ubing	59	975'		1	NON	E	
	-				oil and must	be equal to or exc	eed top allo	wable for thi	s depth or b	e for full :	24 hour.	r.)
Date First New Oil Run	To Tank	Date of Te		01		Producing Metho	• •		-	_		
2/24/91 Length of Test		Tubing D	3/1/	91	·	Swab tea Casing Pressure	sted	to eva	luate Choke Siz		ati	on
12 hrs.		Tubing Pro				-	15			~		
Actual Prod. During Test		Oil - Bbls.				Water - Bbis.			Gas- MCI		·······	•
0		[0				0			TST	M	
GAS WELL												
Actual Prod. Test - MCF	/D	Length of	Test			Bbls. Condensate	MMCF		Gravity of	Condens	ale	
esting Method (pitot, ba	ck pr.)	Tubing Pro	essure (Shu	t-in)	<u> </u>	Casing Pressure (Shut-in)		Choke Siz	£		
VI. OPERATOR	CERTIFIC		F COM	TIAN	ICE	l			<u> </u>			
I hereby certify that the Division have been co	e rules and regula	tions of the	Oil Conser	vation		OIL		ISERV	ATION	DIV	SIO	N
is true and complete to	o the best of my k	nowledge a	nd belief.	÷	::	Date A	prove	d				
Jan	ris De	lam					•					
Signature						By			<u>.</u>			
Farri	Farris Nelson President											
4/17/	Printed Name 4/17/91 505/393-2937					Title			·// 1··································			
Date			Tele	ephone N	io.							
INSTRUCTIO	NS. This form	n je to ho	filed in a			Quie 1104		- 1 - 1 - 2 朝鮮				
1) Request for							ied by tal	bulation of	deviation	tests ta	ken in	accordan

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with Rule 111.
2) All sections of this form must be filled out for allowable on new and recompleted wells.
3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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Submit 5 Copies Appropriate District Office		Energy, 1	-		New Mexico Itural Resources Departs	nent		 Form C-104 Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NM 88240		OILO	CONS	SERV	ATION DIVISI	ON		See Instructions at Bottom of Page
DISTRICT II P.O. Drawer DD, Antesia, NM 88210				P.O. E	Box 2088			
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410)			•	lexico 87504-2088	• • •		
I.	REQ				BLE AND AUTHOR			
Operator			NIGF				API No.	
Zia Energy, In Address	.C .	·		··			·	
P.O. Box 2219,		3, NM	_882	41				
Reason(s) for Filing (Check proper box) New Well		Change in	1 Transpo	nter of:	X Other (Please exp Re-entry		& A wall	
	Öil		Dry Ga	s	Formerly	Sohio	Grizzel	1 #1
Change in Operator	Casinghe	ad Gas	Conden	sate	P & A 2/	19/85.		
and address of previous operator								
II. DESCRIPTION OF WELL Lesse Name	AND LE	Well No.	Pool N	ame, Inclur	ing Formation	Kind	of Lesse	Lesse No.
Simmons		1			ubbs		Federal or Fee	
Location Unit Letter G	. 17	760	Reat For		NorthLine and 17	60		East
	•					Fe	et From The	Last Line
Section 5 Townst	nip 22 S	outh	Range	<u>37 E</u>	ast , NMPM,			Lea County
III. DESIGNATION OF TRAI Name of Authorized Transporter of Oil		CR OF O		<u>D NATU</u>	RAL GAS Address (Give address to w	tich and	- Addie A	
Navajo Refining C	XX ompany				P.O. Drawer	••		
Name of Authonized Transporter of Casis			or Dry (Jas 🛄	Address (Give address to w			
lf well produces oil or liquids,	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When	•	
give location of tanks.	j G	5	225		No	As	Soon As	Possible
If this production is commingled with that IV. COMPLETION DATA	from any of	her lease or	pool, give	s comming	ung order number:			
Designate Type of Completion		Oil Well	G	as Well	New Well Workover Re-entry of		Plug Back Sa	me Res'v Diff Res'v
Date Spudded		pl. Ready to	Prod.	<u>, ,</u>	Total Depth	PCA	P.B.T.D.	
2/5/91		3/6/91	L		6549			275'
Elevations (DF, RKB, RT, GR, etc.) 3424 GR		Producing Fo Tubbs	ormation		Top Oil/Gas Pay 6062 '		Tubing Depth	225.
Perforations							Depth Casing S	
6062' - 6163' ()rigin	al per	cfora CASIN	$\frac{1}{100}$	CEMENTING RECOR	2D	6488•	
HOLE SIZE	CA	SING & TL	JBING S		DEPTH SET		SA	CKS CEMENT
$\frac{17 - 1/2"}{11"}$	$+\frac{12}{2}$	<u>} - 3/</u> } - 5/	<u>8"</u>		<u>161'</u> 2947'			160 500
7 - 7/8"				iner	2835' - 64	88'	<u> </u>	300
	2	2 - 3/	8" t	ubing			N	ONE
V. TEST DATA AND REQUE OIL WELL (Test must be after				il and mus	be equal to or exceed top all	lowable for this	, denth or he for	full 24 hours.)
Date First New Oil Run To Tank	Date of Te		0) 1044 0		Producing Method (Flow, p]
3/6/91		3/11/	/91		Swab tested	to eval	luate fo	rmation
Length of Test 12 hrs.	Tubing Pr	ressure			Casing Pressure		CIOKE 3126	
Actual Prod. During Test	Oil - Bbis				Water - Bbis.		Gas-MCF	· · · · · ·
3.75 bbls		0.1	75		3.0		5	• 0
GAS WELL Actual Prod. Test - MCF/D	Length of	Test			Bbls. Condensate/MMCF		Gravity of Con	densete
Testing Method (pitot, back pr.)	Tubing Pr	ressure (Shui	-in)		Casing Pressure (Shut-in)		Choke Size	
VI. OPERATOR CERTIFIC	CATE O	F COMF	LIAN	CE				
I hereby certify that the rules and regu Division have been complied with and						NSERV/	ATION D	IVISION
is true and complete to the best of my			en 200ve		Date Approve	d		
Jarres n	10	1					e'	
Signation			• •		Ву		•	· · ·
Farris Nelso Printed Name	n		esid Title		Title			· · · · · ·
Printed Name 4/17/91		505/3			Title	·	·····	
Date		Tele	phone N	o.			<u>.</u>	
INSTRUCTIONS: This for								· ·
1) Request for allowable for	t newly dri	illed or de	epened	well mu	st be accompanied by ta	abulation of	deviation test	s taken in accordance

with Rule 111.
2) All sections of this form must be filled out for allowable on new and recompleted wells.
3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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		Energy, N			lew Mexico tural Resources De	epartmen	t j		Form C Revised See Inst	
O. Box 1980, Hobbs, NM 88240		ОПС	ONG	FPV	TION DIV	ISTON	ſ			om of Page
ISTRICT II O. Drawer DD, Artesia, NM 88210				P.O. B	ox 2088		•			
DISTRICT III	10	Sa	nta Fe	, New M	lexico 87504-20	88				
000 Rio Brazos Rd., Aztec, NM 8741	REQ				BLE AND AUTI	· • · · · —	5			·
Dentor Zia Energy, It	nc.						Well	PI No.		
Address			<u>.</u>	· · · · · · · · · · · · · · · · · · ·						
P.O. Box 2219	-	, NM	882	41						
Reason(s) for Filing (Check proper box New Well	K)	Change in	Transpo	nter of:	X Other (Plea Re-en			k A we	11.	
Recompletion	Oil		Dry Ga	16	Forme	rly s	ohio		ell #1	
Change in Operator	Casinghe	ad Gas	Conden	isate	P & A	2/19	9/85.			
ad address of previous operator										
I. DESCRIPTION OF WEL	L AND LE	Contract of the local division of the local								
Simmons		Well No.	Pool N	•	ing Formation hkard			of Lease Federal or Fe		ease No.
ocation			L							
Unit LetterG	:17	60	Feet Fr	om The	North Line and _	1760) Fe	et From The	East	Line
Section 5 Town	uship 22 S	outh	Range	37 E	ast , NMPM.				Lea	County
					······································				<u>L</u> CA	County
II. DESIGNATION OF TRA Name of Authorized Transporter of Oil	والبادي والمستجد بالمتعاص والمتراج المتراج والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع	OF OF OI		D NATU	RAL GAS Address (Give addre	er to which	anaroued	come of this	form in to be as	
Navajo Refining					P.O. Dra					
Name of Authorized Transporter of Cau			or Dry	Gas	Address (Give addre					
f well produces oil or liquids,	Unit	Sec.	Twp.	Rge.	Is gas actually conne	cted?	When	2		
ive location of tanks.	G	5		37E	No				As Poss	ible
this production is commingled with the	at from any oth	her lease or p	ool, giv	e commingl	ing order number:					
V. COMPLETION DATA										
				las Well	New Well Work	over	Deenen	Phug Back	Same Res'y	Diff Res'y
Designate Type of Completion	on - (X)	Oil Well X		Gas Well	New Well Work Re-entry	over	Deepen & A		Same Res'v	Diff Res'v
Date Spudded	Date Com	X pi. Ready to	Prod.	las Well	Re-entry Total Depth	of	Deepen & A		<u>i</u>	Diff Res'v
Date Spudded 2/5/91	Date Com	X pl. Ready to 3/20/9	Prod.	Gas Well	Re-entry Total Depth 654	of	Deepen & A	well. P.B.T.D.	6540.	Diff Res'v
Date Spudded 2/5/91	Date Com Name of P	X pi. Ready to	Prod.	Sas Well	Re-entry Total Depth 654 Top Oil/Gas Pay 644	of I 9' 0'	≥ & A]	Well. P.B.T.D. Tubing Dep	6540 • 6525 •	Diff Res'v
Date Spudded 2/5/91 Elevations (DF, RKB, RT, GR, etc.) 3424 * Perforations	Date Com Name of F	X pl. Ready to 3/20/9 Froducing For Drinka	Prod. 1 mation rd		Re-entry Total Depth 654 Top Oil/Gas Pay 644 Open	ofj 9' 0' Hole	× & A	Well. P.B.T.D. Tubing Dep Depth Casin	6540 • 6525 • ng Shoe	Diff Res'v
Date Spudded 2/5/91 Elevations (DF, RKB, RT, GR, etc.) 3424*	Date Com Name of P	X pl. Ready to 3/20/9 Froducing For Drinka nal pe	Prod.)1 mation rd erfoi	ratior	Re-entry Total Depth 654 Top Oil/Gas Pay 644 Open ns) - 6488	of F 9' 0' Hole ' - 6	× & A	Well. P.B.T.D. Tubing Dep	6540 • 6525 • ng Shoe	Diff Res'v
Date Spudded 2/5/91 Elevations (DF, RKB, RT, GR, etc.) 3424* Perforations	Date Com Name of P (Origin	J X pl. Ready to 3/20/9 roducing For Drinka nal pe TUBING, SING & TU	Prod. 01 mation ard erfor CASIP BING S	ratior NG AND	Re-entry Total Depth 654 Top Cil/Gas Pay 644 Open ns) - 6488 CEMENTING RI DEPT	of]] 9' 0' Hole ' - 6 ECORD H SET	× & A	well. P.B.T.D. Tubing Dep Depth Casin 648	6540 • 6525 • ng Shoe	
Date Spudded 2/5/91 Elevations (DF, RKB, RT, GR, etc.) 3424 * Perforations 6440 * - 6478 * HOLE SIZE 17 - 1/2*	Date Com Name of P (Origin	J X pl. Ready to 3/20/9 roducing For Drinka nal pe TUBING, SING & TU - 3/8	Prod. 01 mation rrd rfoi CASIP BING S 3"	ratior NG AND	Re-entry Total Depth 654 Top Oil/Gas Pay 644 0 pen ns) - 6488 CEMENTING RI DEPT 16	of I 9' 0' Hole '- 6 ECORD HSET	× & A	well. P.B.T.D. Tubing Dep Depth Casin 648	1 6540 ° 6525 ° ng Shoe 8 ° SACKS CEMI 160	
Date Spudded 2/5/91 Elevations (DF, RKB, RT, GR, etc.) 3424 Perforations 6440' - 6478' HOLE SIZE 17 - 1/2" 11"	Date Com Name of P (Origin	J X pl. Ready to 3/20/9 roducing For Drinka nal pe TUBING, SING & TU SING & TU SING & TU SING & TU	Prod. Pl mation Pl ch ch ch srfor ch srfor ch srfor sr sr sr sr sr sr sr sr sr s	ratior NG AND NZE	Re-entry Total Depth 654 Top Oil/Gas Pay 644 0 pen ns) - 6488 CEMENTING RI 0 EPT 16 294	of]] 9' Hole ' - 6 ECORD HSET 1' 7'	& A 549•	well. P.B.T.D. Tubing Dep Depth Casin 648	1 6540 ° 6525 ° ng Shoe 8 ° SACKS CEMI 160 1500	
Date Spudded 2/5/91 Elevations (DF, RKB, RT, GR, etc.) 3424 Perforations 6440° - 6478° HOLE SIZE 17 - 1/2° 11° 7 - 7/8°	Date Com Name of P (Origin CA 13 8 5 2	X pl. Ready to 3/20/9 roducing For Drinka nal pe IUBING, SING & TU - 3/8 - 1/2 - 3/8	Prod. Pl mation Lrd crfoi CASID BING S 3" 2" 1 3" t	ratior NG AND	Re-entry Total Depth 654 Top Oil/Gas Pay 644 Open ns) - 6488 CEMENTING R DEPT 16 294 2835'	of]] 9' Hole ' - 6 ECORD HSET 1' 7' 6488	& A 549•	well. P.B.T.D. Tubing Dep Depth Casin 648	1 6540 ° 6525 ° ng Shoe 8 ° SACKS CEMI 160	
Date Spudded 2/5/91 Elevations (DF, RKB, RT, GR, etc.) 3424 Perforations 6440' - 6478' HOLE SIZE 17 - 1/2" 11" 7 - 7/8" 7. TEST DATA AND REQU	Date Com Name of P (Origin CA 13 8 5 EST FOR	X pl. Ready to 3/20/9 Troducing For Drinka nal pe TUBING, SING & TU - 3/8 - 5/8 - 3/8 - 3/8 - 3/8 - 3/8	Prod. Prod. Pl mation rfoi CASIP BING S 3" 2" 1 3" t BLE	ratior NG AND NZE iner ubing	Re-entry Total Depth 654 Top Oil/Gas Pay 644 Open ns) - 6488 CEMENTING RI 16 294 2835' - 652	of] 9' Hole '- 6 ECORD HSET 1' 7' 6488 5'	549°	well. P.B.T.D. Tubing Dep Depth Casin 648	1 6540 • 6525 • ng Shos 8 • SACKS CEMI 160 1500 300 NONE	Í ENT
Date Spudded 2/5/91 Elevations (DF, RKB, RT, GR, etc.) 3424 Perforations 6440' - 6478' HOLE SIZE 17 - 1/2" 11" 7 - 7/8" V. TEST DATA AND REQU DIL WELL (Test must be after	Date Com Name of F (Origin CA 13 8 5 2 EST FOR A ar recovery of the	J X pl. Ready to 3/20/9 roducing For Drinka nal pe TUBING, SING & TU - 3/8 - 5/8 - 1/2 - 3/8 ALLOWA otal volume of	Prod. Prod. Pl mation rfoi CASIP BING S 3" 2" 1 3" t BLE	ratior NG AND NZE iner ubing	Re-entry Total Depth 654 Top Oil/Gas Pay 644 0 pen ns) - 6488 CEMENTING RI 0EPT 16 294 2835' - 652 be equal to or exceed	of I 9' Hole '- 6 ECORD HSET 1' 7' 6488 5'	549 549	well. P.B.T.D. Tubing Dep Depth Casi 648 depth or be	1 6540 • 6525 • ng Shos 8 • SACKS CEMI 160 1500 300 NONE	Í ENT
Date Spudded 2/5/91 Elevations (DF, RKB, RT, GR, etc.) 3424 Perforations 6440' - 6478' HOLE SIZE 17 - 1/2" 11" 7 - 7/8" 7. TEST DATA AND REQU DIL WELL (Test must be after	Date Com Name of P (Origin 7 CA 13 8 5 2 EST FOR A tr recovery of the Date of Te	J X pl. Ready to 3/20/9 roducing For Drinka nal pe TUBING, SING & TU - 3/8 - 5/8 - 1/2 - 3/8 ALLOWA otal volume of	Prod. Prod. Pl mation rfor CASIP BING S 3" 2" 1 3" t BLE of load of	ratior NG AND NZE iner ubing	Re-entry Total Depth 654 Top Oil/Gas Pay 644 Open ns) - 6488 CEMENTING RI 16 294 2835' - 652	of 1 9' Hole ' - 6 ECORD HSET 1' 7' 6488 5' lop allowa	2 & A 549 * 3 *	well. P.B.T.D. Tubing Dep Depth Casin 648 648 depth or be c.j uate	1 6540 ° 6525 ° ng Shoe 8 ° SACKS CEMI 160 1500 300 NONE for full 24 hour for mati	1 ENT 78.)
Date Spudded 2/5/91 Elevations (DF, RKB, RT, GR, etc.) 3424 Perforations 6440' - 6478' HOLE SIZE 17 - 1/2" 11" 7 - 7/8" 7. TEST DATA AND REQU DIL WELL (Test must be after Date First New Oil Run To Tank 3/20/91 Length of Test	Date Com Name of P (Origin 7 CA 13 8 5 2 EST FOR A tr recovery of the Date of Te	J X pl. Ready to 3/20/9 roducing For Drinka nal pe TUBING, SING & TU - $3/8$ - $1/2$ - $3/8$ ALLOWA otal volume of 3/22/9	Prod. Prod. Pl mation rfor CASIP BING S 3" 2" 1 3" t BLE of load of	ratior NG AND NZE iner ubing	Re-entry Total Depth 654 Top Oil/Gas Pay 644 0pen ns) - 6488 CEMENTING RI DEPT 16 294 2835' - 652 be equal to or exceed Producing Method (F Swab test Casing Pressure	of II 9' Hole - 6 ECORD HSET 1' 7' 648E 5' Iop allowo Flow, pump ed te	2 & A 549 * 3 *	well. P.B.T.D. Tubing Dep Depth Casin 648 648 depth or be (c.)	1 6540 ° 6525 ° ng Shoe 8 ° SACKS CEMI 160 1500 300 NONE for full 24 hour for mati	1 ENT 78.)
Date Spudded 2/5/91 Elevations (DF, RKB, RT, GR, etc.) 3424 Perforations 6440 • - 6478 • HOLE SIZE 17 - 1/2" 11" 7 - 7/8" 7. TEST DATA AND REQU DIL WELL (Test must be after Date First New Oil Run To Tank 3/20/91 Length of Test 12 hrs.	Date Com Name of P (Origin CA 13 8 5 2 EST FOR A tr recovery of the Date of Te Tubing Pre	$ \begin{array}{c} X \\ pi. Ready to \\ 3/20/9 \\ roducing For \\ Drinka \\ nal pe \\ fubling, \\ sing & tu \\ - 3/8 \\ - 5/8 \\ - 1/2 \\ - 3/8 \\ - $	Prod. Prod. Pl mation rfor CASIP BING S 3" 2" 1 3" t BLE of load of	ratior NG AND NZE iner ubing	Re-entry Total Depth 654 Top Oil/Gas Pay 644 0 pen ns) - 6488 CEMENTING R DEPT 16 294 2835' - 652 be equal to or exceed Producing Method (I Swab test	of II 9' Hole - 6 ECORD HSET 1' 7' 648E 5' Iop allowo Flow, pump ed te	2 & A 549 * 3 *	well. P.B.T.D. Tubing Dep Depth Casin 648 648 depth or be c.j uate	1 6540 ° 6525 ° ng Shoe 8 ° SACKS CEMI 160 1500 300 NONE for full 24 hour for mati	1 ENT 78.)
Date Spudded 2/5/91 Elevations (DF, RKB, RT, GR, etc.) 3424 Perforations 6440 • - 6478 • HOLE SIZE 17 - 1/2" 11" 7 - 7/8" 7. TEST DATA AND REQU DIL WELL (Test must be after Date First New Oil Run To Tank 3/20/91 Length of Test 12 hrs.	Date Com Name of F (Origin CA 13 8 5 2 EST FOR A tr recovery of the Date of Te	$ \begin{array}{c} X \\ pi. Ready to \\ 3/20/9 \\ roducing For \\ Drinka \\ nal pe \\ fubling, \\ sing & tu \\ - 3/8 \\ - 5/8 \\ - 1/2 \\ - 3/8 \\ \hline $	Prod. Prod. 1 mation rfoi CASID BING S 3" 2" 1 3" t BLE of load of 1	ratior NG AND NZE iner ubing	Re-entry Total Depth 654 Top Oil/Gas Pay 644 0pen ns) - 6488 CEMENTING RI 0EPT 16 294 2835' - 652 be equal to or exceed Producing Method (N Swab test Casing Pressure 15	of II 9' Hole '- 6 ECORD HSET 1' 7' 6488 5' Iop allows Flow, pump ed te	2 & A 549 * 3 *	well. P.B.T.D. Tubing Dep Depth Casin 648 648 depth or be ic.) uate	1 6540 ° 6525 ° ng Shoe 8 ° SACKS CEMI 160 1500 300 NONE for full 24 hour for mati	1 ENT 78.)
Date Spudded 2/5/91 Elevations (DF, RKB, RT, GR, etc.) 3424 Perforations 6440' - 6478' HOLE SIZE 17 - 1/2" 11" 7 - 7/8" 7. TEST DATA AND REQU DIL WELL (Test must be after Date First New Oil Run To Tank 3/20/91 Length of Test 12 hrs. Actual Prod. During Test 5.75	Date Com Name of P (Origin CA 13 8 5 2 EST FOR A tr recovery of the Date of Te Tubing Pre	$ \begin{array}{c} X \\ pi. Ready to \\ 3/20/9 \\ roducing For Drinka \\ nal pe \\ fubling, \\ sing & tu \\ - 3/8 \\ - 5/8 \\ - 1/2 \\ - 3/8 \\ - 3/$	Prod. Prod. 1 mation rfoi CASID BING S 3" 2" 1 3" t BLE of load of 1	ratior NG AND NZE iner ubing	Re-entry Total Depth 654 Top Oil/Gas Pay 644 0pen ns) - 6488 CEMENTING RI 0EPT 16 294 2835° - 652 be equal to or exceed Producing Method (N Swab test Casing Pressure 15 Water - Bbla.	of II 9' Hole '- 6 ECORD HSET 1' 7' 6488 5' Iop allows Flow, pump ed te	2 & A 549 * 3 *	well. P.B.T.D. Tubing Dep Depth Casin 648 648 depth or be ic.) uate	1 6540 • 6525 • ng Shos 8 • SACKS CEMI 160 1500 300 NONE for full 24 hour for full 24 hour for mati	1 ENT 78.)
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ordance with Rule 111.

All sections of this form must be filled out for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
 Separate Form C-104 must be filed for each pool in multiply completed wells.

w.f.s

Submit 3 Copies to Appropriate District Office	State of New I Energy, Minerals and Natural			Form C-103 Revised 1-1-89
DISTRICT 1 P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVATI P.O. Box 2		WELL API NO.	
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexic	o 87504-2088	5. Indicate Type of L	ease STATE FEE XX
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410			6. State Oil & Gas La	ease No.
(DO NOT USE THIS FORM FOR PR DIFFERENT RESE (FORM C	ICES AND REPORTS ON W IOPOSALS TO DRILL OR TO DEEPI RVOIR. USE "APPLICATION FOR F C-101) FOR SUCH PROPOSALS.)	EN OR PLUG BACK TO A	7. Lease Name or Un	uit Agreement Name
1. Type of Well: OIL GAS WELL X WELL	OTHER		Simmons	
well X well 2. Name of Operator	J	<u> </u>	8. Well No.	
Zia Energy, Inc.			1	
 Address of Operator P.O. BOX 2219, H Well Location 	obbs, NM 88241	1171.0 7 7	9. Pool name or Wild Blinebary,	Tubbs, Drinkard
	60 Feet From The North	Line and	50 Feet From Ti	ne East Line
Section 5 11. Check NOTICE OF IN	Appropriate Box to Indicat	er DF, RKB, RT, GR, etc.) e Nature of Notice, R	NMPM Report, or Other I SEQUENT RE	
	CHANGE PLANS		gopns. 🗌 Pi	
PULL OR ALTER CASING		CASING TEST AND C		
OTHER:		OTHER: Re -	entry of P a	& A Well X
12. Describe Proposed or Completed Oper work) SEE RULE 1103.	rations (Clearly state all pertinent details	, and give pertinent dates, inclu	iding estimated date of st	arting any proposed
1. 1/30/91 commen location, dug plug.	ced operations to out cellar, remove	d dry hole man	rker and dri	illed 40° of top
to drill surfa plug @ 906'. 3. 2/7/91 Circula	ulling unit and re ce cement plug. F Drilled through 2n te down to 3rd plu	'ell out of cm d plug at 1112 g at 2039', 1	t. at 180'. 2'. Drilled cmt.	Tagged 2nd
Circulated dow the 8 5/8" csg csg. at 1135'. hole - left 25 tested to 500	n to 2852', the to - would not hold Squeezed hole us sx in csg. Drill psi - held w/0 los	p of the 5 1/2 pressure. Lo ing 100 sx cm ed out cmt. us	2" casing. Docated a hol t. Displace sing 7 5/8"	Pressured up on Le in the 8 5/8" ed 75 sx through bit. Pressure
4. 2/9/91 TIH w/	4 3/4" hole - circ <u>ated to 5952'. Dr</u>	ulated to 5491 illed cmt. & (Driller	l cmt. & CIBP to
SIGNATURE Parris		me Engine	er	DATE 4/17/91
TYPE OR PRINT NAME Farris	Nelson	505/2	393-2937	TELEPHONE NO.
(This space for State Use)				
APPROVED BY	<u> </u>	TME		- DATE

CONTINUED

- 5. Circulated down to 6234'. Drilled cmt. & CIBP to 6300'. Circulate to 6549' - original TD.
- 6. Set a guide on top of 5 1/2" csg at 2852' with one joint of 5 1/2" csg. & a swage from 5 1/2" to 8 5/8".
- 7. Set a BP at 5990' & a pkr. at 5800'. Treated Blinebry perfs. from 5820' - 5845' using 5000 gallons of 15% HCL. Swab tested Blinebry 0 BOPD, 0 BWPD & gas. TSTM.
- 8. Moved BP to 6275' & pkr at 6000'. Treated Tubbs perfs from 6062' 6163' using 5000 gallons of 15% HCL. Swab tested Tubbs to produce 1.5 BOPD, 6.0 BWPD & gas 10 MCF/D.
- 9. TOH to lay down BP. TIH w/ pkr. set pkr. at 6410'. Treated Drinkard perfs. from 6440' - 6478' & 6488' - 6549' open hole using 5000 gallons of 15% HCL. Swab tested Drinkard to produce 4.5 BOPD, 7.0 BWPD & gas 25.0 MCF/D.
- 10. TOH to lay down pkr. & 2 7/8" work string. TIH w/ 6501' 2 3/8" tbg. w/complete assembly to pump, including a tbg. anchor set at 5800'. Picked up 2" X l 1/2" X 16' rod pump, 3/4" and 7/8" rods. SD w/o pumping unit, electricity & paper work.

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

GAS - OIL RATIO TEST

(See]	Specific Re	order th	D	Instructions:					Address	Operator	
(See Rule 301, Rule 1116 & appropriate pool rules.)	Specific gravity base will be 0.60. Report casing pressure in lieu of tubing pressure for any well producing through casing.	which well is located by little user of proving operating a suborized by the Division. order that well can be assigned increased allowables when authorized by the Division.	During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in	tions:	Swab tested to	Simmons	LEASE NAME		P.O. Box 2219, Hebbs, NM	Zia Energy, Inc.	
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	, hrough casin	vivision. 15.025 psia	ling the top		formation	3/1/91	TEST	DATE OF		Blinebry	UAS - VIL NATIO TEST
	, da	anda	unit all		Р.	·····	ST	TUS	TYPE OF TEST - (X)	bry	5
		temperat	lowable fo			ı	SIZE	CHOKE	8¥		
		ure of 60° F.	or the pool in			1	PRESS.	TBG.	Scheduled		
				com		1	ABLE	DAILY			
C	Printed name and title 04/17/91	Signature Farris Nelson	Pa	I hereby certify that the above information complete to the best of my knowledge and belief.		24	HOURS		R		
	91 91	Nels	rria	ntify that he best of		0	BBLS.	PR	Completion XX		
		on	Del	the about the function of the second		1	2	PROD. DURING TEST	ĸ	County Lea	
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Terebu	505/39	Bu		rmation nd belief		TSTM	M.C.F.	CAC	Special		
refebilitie tao.	505/393-2937	Engineer		is true and f.			CU.FT/BBL	GAS - OIL			

Revised 1/1/1	Form C-116
1/89	6

Energy, Minerals and Natural Resources Department State of New Mexico

Submit 2 copies to Appropriate

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

GAS - OIL RATIO TEST

1000 Rio Brazos Rd., Aztec, NM 87410

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

DISTRICT

P.O. Box 1980, Hobbs, NM 88240

DISTRICT District Office.

						Pool						8	County			
Address P.O. Box 2219.Hobbs.NM		88241	ن ا		ŀ		TYPE OF TEST - (X)	\$¶ 	Scheduled		8	Completion XX	XX	\$	Special	
	Ê			LOCATION			rus		TBC:	DAILY		PR	PROD. DURING TEST	VG TEST		GAS - OIL
LEASE NAME	Ŋ	c	s	-	ת	TEST	STAT		PRESS.	ALLOW-	HOURS	WATER BBLS.	ONL .	BBLS.	GAS M.C.F.	RATIO CU.FT/BBL
Simmons	щ	ភ្	ربر ا	225	37E	22S 37E 3/11/91	<u> </u>	I	l .	1	24	6.0	36.6 1.5	1.5	10	6,667
Swab tested to ev	evaluate	the		Tubbs		formation										<u>,</u>
				<u> </u>												
Instructions:											I hereby certify that the above information i complete to the best of my knowledge and belief.	tify that he best of	the abo f my kno	ove info wledge a	rmation nd belief	is true and f.
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the	l shall be p	Moduc		a rate no	ot exce	eding the top	unit a	allowable fi	or the pool in		4	> ~ 1				

(See Rule 301, Rule 1116 & appropriate pool rules.)

Report casing pressure in lieu of tubing pressure for any well producing through casing.

order that well can be assigned increased allowables when authorized by the Division.

Specific gravity base will be 0.60.

which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F.

Signature Farris Nelson Engineer

Date

16/12/01

505/393-2937 Telephone No.

Printed name and title

DISTRICT II P.O. Drawer DD, Artesia, NM 88210 DISTRICT III	DISTRICT J P.O. Box 1980, Hobbs, NM 88240	Submit 2 copies to Appropriate District Office.
2711 wer DD, Ariesia, NM 88210 27101	TI 1980, Hobbs, NM 88240	copies to Appropriate Office.

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico Energy, Minerals and Natural Resources Department

Revised 1/1/89 Form C-116

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

GAS - OIL RATIO TEST

order	н	Instr	<u></u>	<u>·</u>			Address	Operator
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d allowab	shall be]			س	ĕ	WELL	bbs,1	
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e auvantage o Division.	ling the top u			3/22/91	TEST	DATE OF		Pool Drinkard
	init all		******	<u> </u>	STA	TUS	TYPE OF TEST - (X)	kar
	owable fo			l	SIZE	CHOKE	31	
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Signature Farris	ję,	areby cer plete to t	·	24	HOURS	OF TH	R	
Signature Farris Nelson	tarris (I hereby certify that the above information complete to the best of my knowledge and beliet		7.0	WATER BBLS.	PA	Completion XX	
ă	The	the ab		36.8 4.5	OHAV.	PROD. DURING TEST	XX	County
	Relacon	ove info wledge a		4.5	Bels.	NG TEST	Ś	
		I hereby certify that the above information is complete to the best of my knowledge and belief.		25.0	M.C.F.		Special	
Fngineer	1	is true an f.	· · · ·	5.556	CU.FT/BBL	GAS - OIL		

(See Rule 301, Rule 1116 & appropriate pool rules.)

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Date

Printed name and title 4/17/91Farris Nelson

505/393-2937 Telephone No.

Engineer

Specific gravity base will be 0.60.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F.

ZIA ENERGY, INC.

PHONE (505) 393-2937

HOBBS, NEW MEXICO 88241

April 18, 1991

Mr. William B. Yarborough 200 Loraine-Suite 1400 Midland, Texas 79701

> Re: Request for Administrative Approval for Downhole Commingling-OCD Rule 303-C for the: Zia Energy, Inc. Simmons No. 1-G Sec. 5-T22S-R37E, Lea County, NM

Gentlemen:

Zia Energy, Inc. has re-entered the above described P&A well. After testing the Blinebry, Tubbs and Drinkard formations, we have made application to the New Mexico Oil Conservation Division for administrative approval for downhole commingling under OCD Rule 303-C (Downhole Commingling), for these three formations.

This is intended to serve as our notice to you of our application.

Sincerely,

Jarris Helson

Farris Nelson

CERTIFIED MAIL # P 175 163 199

ZIA ENERGY, INC.

HOBBS, NEW MEXICO 88241

April 18, 1991

Chevron USA Inc. P. O. Box 688 Eunice, New Mexico 88231

> Re: Request for Administrative Approval for Downhole Commingling-OCD Rule 303-C for the: Zia Energy, Inc. Simmons No. 1-G Sec. 5-T22S-R37E, Lea County, NM

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Farris nelson

Farris Nelson

CERTIFIED MAIL # P 175 163 200



PHONE (505) 393-2937

HOBBS, NEW MEXICO 88241

8 . . .

April 18, 1991

B. E. C. Corporation P. O. Box 1392 Midland, Texas 79702

> Re: Request for Administrative Approval for Downhole Commingling-OCD Rule 303-C for the: Zia Energy, Inc. Simmons No. 1-G Sec. 5-T22S-R37E, Lea County, NM

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Sincerely,

Farris nelson

Farris Nelson

CERTIFIED MAIL # P 175 163 202

UNICHEM	INTERNATIONAL
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P.O. BOX 1499 707 NORTH LEECH STREET HOBBS, NEW MEXICO 88240

and a second and a s

Zia Energy, Inc.		Report Date:	April 22, 1991
Box 2219		Lab In Date:	April 11, 1991
Hobbs	, NM 88240	Sample Date:	April 11, 1991

Dear Brian Nelson

وراع

	Specific Gravity:		1.102	
	Total Dissolved Sol	ids:	142825	
	PH:		7.20	
	Ionic Strength:		2.782	
CATIONS:			mg/liter	
	Calcium:	(Ca++)	7360	
	Magnesium:	(Mg++)	2333	
	Sodium:	(Na+)	44485	
	Iron (Total)	(Fe++)	31.00	
	Barium	(Ba++)	. 20	
	Manganese:	(Mn++)	0.00	
	Resistivity:			
ANIONS:				
	Bicarbonate:	(HCO3-)	146	
	Carbonate:	(CO3)	0	
	Hydroxide:	(OH-)	. 0	
	Sulfate:	(SO4)	501	
	Chloride:	(C1-)	88000	
GASES:				
	Carbon Dioxide:	(CO2)	*****	
	Oxygen:	(02)	*****	
	Hydrogen Sulfide:	(H2S)	*****	
******			cates tests were not run.	

Temperature		CaCO3 SI	CaSO4 SI
86F	30.0C	.82	-21.09
104F	40.0C	1.03	-20.90
122F	50.0C	1.30	-20.43
140F	60.0C	1.60	-20.04
168F	70.0C	1.93	-20.03
176F	30.0C	2.31	-20.31

If you have any questions or require further information, please contact us.

Sin

Laboratory Technician

bc: Joe Hay John Offutt

:00

UNICHEM INTERNATIONAL

P.O. BOX 1499 707 NORTH LEECH STREET HOBBS, NEW MEXICO 88240

Zia Energy, Inc.		Report Date:	April 22, 1991
Box 2219		Lab In Date:	April 11, 1991
Hobbs	, NM 88240	Sample Date:	April 11, 1991

Dear Brian Nelson

	Specific Gravity:		1.018	
	Total Dissolved Sol	ids:	24829	
	PH:		6.80	
	Ionic Strength:		. 498	
STERTER .			mg/liter	
CATIONS:	Calcium:	(0011)	1760	
		(Ca++)	437	
	Magnesium: Sodium:	(Mg++) (Na+)	7106	
	Iron (Total)	(Na+) (Fe++)	5.80	
	Barium	(Ba++)	.80	
	Manganese:	(Mn++)	0.00	
	Resistivity:	(11111)	0.00	
NIONS:	neorocraty.			
INTONO.	Bicarbonate:	(HCO3-)	220	
	Carbonate:	(CO3)	0	
	Hydroxide:	(OH-)	0	
	Sulfate:	(\$04)	307	
	Chloride:	(01-)	15000	
GASES:		()		
	Carbon Dioxide:	(CO2)	*****	
	Oxygen:	(02)	*****	
	Hydrogen Sulfide:	(H2S)	*****	

Temperature		CaCO3 SI	CaSO4 SI
86F	30.00	09	-29,65
104F	40.0C	. 16	-29.91
122F	50.0C	.41	-30.17
140F	60.0C	.69	-29.65
168F	70.0C	1.02	-28.61
176F	80.0C	1.36	-27.01

If you have any questions or require further information, please contact us.

Sincerely, bopatory Technician

bc: Joe Hay John Offutt

UNICHEM INTERNATIONAL

P.O. BOX 1499 707 NORTH LEECH STREET HOBBS, NEW MEXICO 88240

Zia Energy, Inc.		Report Date:	April 22, 1991
Box 2219		Lab In Date:	April 11, 1991
Hobbs	, NM 88240	Sample Date:	April 11, 1991

Dear Brian Nelson

Listed below plo	ase find	our water	analysis	report from	Simmons
------------------	----------	-----------	----------	-------------	---------

, \$1 CDH (Tubb & Drk) :

	Specific Gravity: Total Dissolved Sol PH: Ionic Strength:	ids:	1.039 54383 6.60 1.110	
CATIONS:			mg/liter	
	Calcium:	(Ca++)	3680	
	Nagnesium:	(Ng++)	1409	
	Sodium:	(Na+)	15037	
	Iron (Total)	(Fe++)	363.00	
	Bariun	(Ba++)	. 90	
	Manganese:	(Nn++)	0.00	
	Resistivity:	•		
NIONS:				
	Bicarbonate:	(HCO3-)	659	
	Carbonate:	(CO3)	0	
	Hydroxide:	(OH-)	0	
	Sulfate:	(SO4)	598	
	Chloride:	(01-)	33000	
GASES:			4	
	Carbon Dioxide:	(CO2)	*****	
	Oxygen:	(02)	*****	
	Hydrogen Sulfide:	(H2S)	*****	

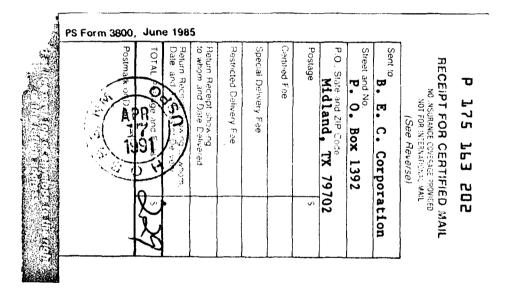
Temperature CaCO3 SI CaSO4 SI 86F 30.0C .27 -24.89 -24.73 104F 40.0C .48 50.0C 122F .74 -24.40 140F 60.0C 1.09 -23.91 168F 70.0C -23.25 1.43 1.78 178F 80.0C -21.76

If you have any questions or require further information, please contact us.

Sinc

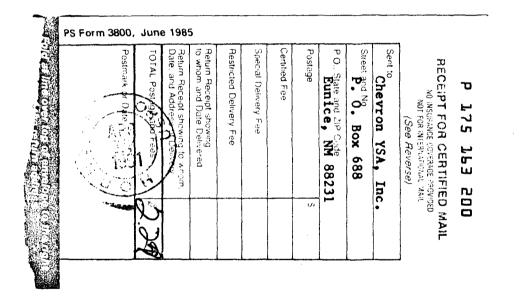
Laboratory Technician

3 and 4. Put your address in the "RETURN TO" Space on the reversu- rom being returned to you. <u>The return receipt fee will provid</u> the date of delivery. For additional fees the following service and check box(es) for additional service(s) requested. 1. □ Show to whom delivered, date, and addressee's a (Extra charge)	e you the name of the person delivered to and es are available. Consult postmaster for fees
3. Article Addressed to:	4. Article Number
B. E. C. Corporation	
P. O. Box 1392 Midland, TX 79702	Type of Service: Registered Insured X Certified COD Express Mail Return Receipt for Merchandise
a salaa	Always obtain signature of addressee or agent and <u>DATE DELIVERED</u> .
5. Signature – Addressee K	8. Addressee's Address (ONLY if requested and fee paid)
3. Signature - Agent K (raix) arrough 7. Date of Delivery APR 19 1991	
S Form 3811, Apr. 1989 +U.S.G.P.O. 1989-238-8	DOMESTIC RETURN RECEI

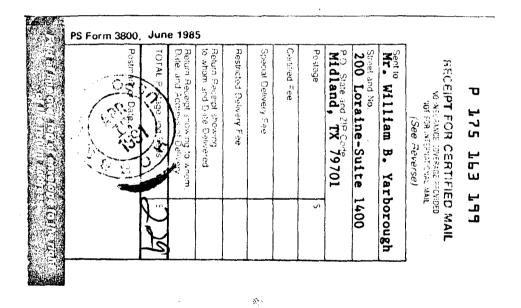


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● SENDER: Complete items 1 and 2 when additional 3 and 4. Put your address in the "RETURN TO" Space on the reverse from being returned to you. The return receipt fee will provid the date of delivery. For additional fees the following servic and check box(es) for additional service(s) requested. 1. □ Show to whom delivered, date, and addressee's a (Extra charge)	a side. Failure to do this will prevent this card <u>e you the name of the person delivered to and</u> es are available. Consult postmaster for fees
3. Article Addressed to: Chevron USA, Inc. P. O. Box 688	4. Article Number P 175 163 200 Type of Service: Registered Insured COD
Eunice, NM 88231	Express Mail Return Receipt for Merchandise Always obtain signature of addressee or agent and <u>DATE DELIVERED</u> .
5. Signature - Addressee X 6. Signature - Agent X 0 for 1 aac 7. Date of Delivery 4 -18-91	8. Addressee's Address (ONLY if requested and fee paid)
S Form 3811, Apr. 1989 +U.S.G.P.O. 1989-238-8	15 DOMESTIC RETURN RECEIPT



SENDER: Complete items 1 and 2 when addition 3 and 4. Put your address in the "RETURN TO" Space on the rever from being returned to you. The return receipt fee will prov the date of delivery. For additional fees the following serv and check box(es) for additional service(s) requested. 1. Show to whom delivered, date, and addressee's (Extra charge)	rse side. Failure to do this will prevent this card ide you the name of the person delivered to and rices are available. Consult postmaster for fees
3. Article Addressed to:	4. Article Number
Mr. William B. Yarborough	P 175 163 199
200 Loraine-Suite 1400	Type of Service:
Midland, TX 79701	X Certified COD Express Mail Return Receipt for Merchandise
	Always obtain signature of addressee or agent and <u>DATE DELIVERED</u> .
5. Signature – Addressee	8. Addressee's Address (ONLY if requested and fee paid)
6. \$ignature - Agent X	
7. Date of Delivery 4/18/9/	



STATE OF NEW MEXICO OIL CORNERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT RECEIVED OIL CONSERVATION DIVISION '91 APR 29 APr 10 24 BRUCE KING GOVERNOR	Post Office Box 1980 Hobbs, New Mexico 88241-1980 (505) 393-6161
OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501	
RE: Proposed: MC DHCX NSL NSP SWD WFX PMX	
Gentlemen:	
I have examined the application for the: <u>Jia Energy Inc. Simmons #1-5-22-37</u> Operator Lease & Well No. Unit S-T-R	
and my recommendations are as follows:	
Youns very truly,	

Jerry Sexton Supervisor, District 1

٤.

/ed

P.S. David - this is well that Shows No production From P.S. David - this is well that showing ob allocation to Blinebry + instead of showing ob allocation to that zone in the order could we Just make mention that Blinery zone is open but NON productive + will need to be Properly Plugged when all is abardoned.