

DOWNHOLE COMMINGLE CALCULATIONS: OPERATOR: Range Decrating Now M	A-PI#	103 - 0368 30. 025- 39	049
PROPERTY NAME: Christmas 28			
WNULSTR: #4-C, 28-225-37e			
SECTION I: POOL NO. 1 Blinebry Dila Gas (01)	ALLOWAB	LE AMOUNT <u>428</u> MCF	4000
POOL NO. 2 Drinkard	142	<u>\$52</u> MCF	6000
POOL NO. 3 Wantz Abo	<u>¢B1</u>	<u>//22</u> MCF	6000
POOL NO. 4POOL TOT.		MCF <u>3104</u>	
SECTION II: POOL NO. 1 Bling bry D& G (DIL)	Di 1 508		643 70 <i>9</i> 3
POOL NO. 2 Drinkard	10%		15%
POOL NO. 3 Wantz Abo	40% 4	436 = 174	.4 15%
POOL NO. 4		<r-< td=""><td>147</td></r-<>	147
011 SECTION III: 40% ÷187 = 467.5 <468)	GAS		
SECTION IV: 50% × 467 = 234 10% × 467 = 46.7 <47 40% × 468 = 187.2 <187			
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Submit 1 Copy To Appropriate District	State of New Mexico	`		Form	C-103
Office	Energy, Minerals and Natural F			October	13, 2009
District I 1625 N. French Dr., Hobbs, NM 88240	LifetBy, Winterals and Factoria	[WELL API NO.		
District II	OIL CONSERVATION DI	VISION	30-025-39049	£1 aono	
1301 W. Grand Ave., Artesia, NM 88210 District III	1220 South St. Francis	1	5. Indicate Type c STATE	FEE	
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87505	1	6. State Oil & Gas		
District IV 1220 S. Sl. Francis Dr., Santa Fe, NM			0 ,		
87505	AND DEDODES ON WELLS		7. Lease Name or	Linit Agreement	Name
SUNDRY NOTICES (DO NOT USE THIS FORM FOR PROPOSALS	SAND REPORTS ON WELLS	ACK TO A	7. Lease Manie Of	Unit Agreement	ante
DIFFERENT RESERVOIR. USE "APPLICATE	ON FOR PERMIT" (FORM C-101) FOR SU	JCH	Christm	1as 28	
PROPOSALS.)		ŀ	8. Well Number		
1. Type of Well: Oil Well Gas 2. Name of Operator	Well U Other		9. OGRID Numbe		
Range Operating New Mexico, Inc.			227588	~	
3. Address of Operator			10. Pool name or	Wildcat	Wante
100 Throckmorton St., Ste. 1200, F	fort Worth, TX 76102		Brinebry	Driskard.	And
4. Well Location			- Aller and a		
Unit Letter C : 69	7 feet from the North	line and 16	B1 feet from	n the West	line
Section 28	Township 22S Range	37E	NMPM	County Lea	
	. Elevation (Show whether DR, RK)	B, RT, GR, etc.)	.1		
	2638				
12. Check App	ropriate Box to Indicate Natur	e of Notice, I	Report or Other	Data	
		01/07			
NOTICE OF INTE	_ 1		SEQUENT REP		
		MEDIAL WORK		ALTERING CASI	
				P AND A	
		SING/CEMENT	JOB 🔲		
DOWNHOLE COMMINGLE					
OTHER:		HER:			П
13. Describe proposed or completed			give pertinent date	s, including estim	ated date
	SEE RULE 19.15.7.14 NMAC. FO				
proposed completion or recomp	letion.			-	
Der D 44000.					
Per R-11363:					
Please see altached.					
, 10000 000 undonou.					
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	•	2110	HOB-1	1268	
	k	JHC.	HUD-C	500	
Spud Date: 12-12-2008	Rig Release Date:	12-24-2008			
	-				
I hereby certify that the information abov	e is true and complete to the best of	'my knowledge	and belief.		
and the second se	1	- -			
STONATURE - C					
SIGNATURE	TITLE Sr. Reg. S	p	DA'	ге <u>4-6-2010</u>	
Type or print name Paula Hale	To mail addusation	bolo@roccore		NUT 017 020	0.10
For State Use Only	E-mail address: _pl	nale(wrangere:	Sources.com PHC	JNE: <u>817-869-</u>	1210
		LALT SALANALISM	9 24		0010
APPROVED BY:	TITLE PERIOLE	OM CIVILIA	DA'I	'E APR 0 (2010
Conditions of Approval (If any):				*-/	

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District II Revised June 10, 20 District II Revised June 10, 20 Ide to the book MM 88240 County District II APR 0 1 2010 APR 0 1 2010 Santa Fe, New Mexico 8 OPP Stability of the book MM 88240 District IV HOBBESOCD Intervention For DOWNHOLE COMMINGLING APPLICATION FOR DOWNHOLE COMMINGLING Mage: County County County County County County OPPER ZONE INTERMEDIATE ZONE County County County OPPER ZONE INTERMEDIATE ZONE County County Operator County OPPENTY Code 35947 API No. 30-025-39049 Lease Type:	5	State of N	ew Mexico	Form C-107A
District III APR 0 1 2010 1220 Soluti St. Francis	25 N French Drive, Hobbs, NM 88240	Energy, Minerals and Nati		Revised June 10, 2003
Indext Structure APPLICATION FOR DOWNTIOLE CONTINUENDATION Range Operating New Mexico. Inc. 100 Throckmorton St., Ste. 1200, Fort Worth, TX 76102 Operator Address Christmas 28 004 Lease Well No. Unit Letter-Section-Township-Range County OGRID No.227588 Property Code 35947 APPER ZONE INTERMEDIATE ZONE LOWER ZONE Pool Name Blinebry Drinkard Wantz;Abo Pool Code 06660 19190 62700 Top and Bottom of Pay Section Ecto 2010 2740.0004	District III APR 0121	CD Oil Conser 1220 Sout Santa Fe, No	vation Division th St. Francis ew Mexico 8	APPLICATION TYPE Single Well stablish Pre-Approved Pools EXISTING WELLBORE Yes No
Address Operator Address Christmas 28 004 C-28-22S-37E Lease Well No. Unit Letter-Section-Township-Range County OGRID No.227588 Property Code 35947 API No. 30-025-39049 Lease Type: Federal State X_Fed DATA ELEMENT UPPER ZONE INTERMEDIATE ZONE LOWER ZONE Pool Name Blinebry Drinkard Wantz;Abo Pool Code 06660 19190 62700 Top and Bottom of Pay Section Extended to the pairs Extended to the pairs OTOP 0500		APPLICATION FOR DOV	WINHOLE COMMINGLING	10510
Lease Well No. Unit Letter-Section-Township-Range County OGRID No.227588 Property Code 35947 API No. 30-025-39049 Lease Type: Federal State X_Fed DATA ELEMENT UPPER ZONE INTERMEDIATE ZONE LOWER ZONE Pool Name Blinebry Drinkard Wantz;Abo Pool Code 06660 19190 62700 Top and Bottom of Pay Section Extended to the sector Extended to the sector 0500 0500	Range Operating New Mexico, Inc.	Add	ress	<u>/orth, TX_76102</u>
Dease Weithe. State X_Fee OGRID No.227588_ Property Code_35947API No30-025-39049Lease Type:FederalStateX_Fee FederalStateX_Fee DATA ELEMENT UPPER ZONE INTERMEDIATE ZONE LOWER ZONE Pool Name Blinebry Drinkard Wantz;Abo Pool Code 06660 19190 62700 Top and Bottom of Pay Section Extended to the section 0500 0000 0710 0004		004 C-28-22	Section-Township-Range	County
Pool Name Blinebry Drinkard Wantz;Abo Pool Code 06660 19190 62700 Top and Bottom of Pay Section Exto Folio 0500 0500 0710 0001				-
Pool Code 06660 19190 62700 Top and Bottom of Pay Section 5510 5510 62700 62700	DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Top and Bottom of Pay Section	Pool Name	Blinebry	Drinkard	Wantz;Abo
	Pool Code	06660	19190	62700
(removal) Contrology Control C	Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5510-5946	6580-6586	6740-6824
Method of Production (Flowing or Artificial Lift)Artificial LiftArtificial Lift		Artificial Lift	Artificial Lift	Artificial Lift
Bottomhole Pressure (Note. Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	(Note. Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the			
Oil Gravity or Gas BTU (Degree API or Gas BTU)38.838.8	Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.8	38.8	38.8
Producing, Shut-In or New ZoneProducingProducingProducing	New Zone	Producing	Producing	Producing
Date and Oil/Gas/Water Rates of Last Production. (Note For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)Date: 2-3-2010Date: 2-3-2010Rates: 37/36/221Rates: 7/8/47Rates: 30/7/48	Last Production. (Note: For new zones with no production history, applicant shall be required to attach production			
Fixed Allocation Percentage (Note If allocation is based upon something other than current or past production, supporting data or Oil Gas Oil Gas	(Note If allocation is based upon something other			Oil Gas

ADDITIONAL DATA

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10

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15

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Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	Yes_X Yes	No No
Are all produced fluids from all commingled zones compatible with each other?	Yes_X	No
Will commingling decrease the value of production?	Yes	No_X
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes_X	No
NMOCD Reference Case No. applicable to this well:		

ttachments:

explanation will be required)

C-102 for each zone to be commingled showing its spacing unit and acreage dedication. Production curve for each zone for at least one year. (If not available, attach explanation.) For zones with no production history, estimated production rates and supporting data. Data to support allocation method or formula. Notification list of working, royalty and overriding royalty interests for uncommon interest cases. Any additional statements, data or documents required to support commingling.

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DISTRICT I 1625 N. FRENCH D.

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State of New Mexico Energy, Minerals and Natural Resources Department COPY

1625 N. FRENCH DR., HOBBS, NH B6240 DISTRICT II 1304 W. GRAND AVENUE, ARTESIA, NM 58210

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505 Form C~102 Revised October 12, 2005 Submit to Appropriate District. Office State Lease ~ 4 Copies Fee Lease ~ 3 Copies

DISTRICT III 1000 Rio Brazos F	Rd., Aztec, N	X 67410		Santa	Fe, New Me	exico 87505		FG Deale	o copics
DISTRICT IV 1230 S. ST. FRANCIS	DR., SANTA PE.	NW 67505	WELL LO	CATION	AND ACREA	GE DEDICATI	ON PLAT	AMENDE	D REPORT
API	Number	-	1	Pool Code			Pool Name		
30-02	5-39	049	066	60	B	linebry Oi	1 & Gas (o	<u>il)</u>	
Property	Code				Property Nam			Well Num	ber
359L OGRID N	+7				CHRISTMAS	28		4	
OGRID N	o.				Operator Nam		10	Elevatio	
227588			RAN	GE OPE	RATING NEW	W MEXICO, IN	NC	3355)
					Surface Loca	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	28	22-S	37-E		697	NORTH	1681	WEST	LEA
L		L	Bottom	Hole Lo	cation If Diffe	rent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acre	s Joint o	r Infill Co	nsolidation	Code Or	der No.		<u> </u>		•
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NO ALLO	OWABLE W	ILL BE AS	SSIGNED '	TO THIS	COMPLETION U	INTIL ALL INTER	RESTS HAVE BE	EEN CONSOLIDA	ATED
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							by the division	oling order heretofor	re entered
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DISTRICT I 1825 N. FRENCH DR., 1	BOBBS, NH C	40BR2	OCD		Minerals and Natural F			JUR	orm C-102
DISTRICT II 1301 W. GRAND AVENUE			OIL	1220 S	OUTH ST. I	ON DIVIS FRANCIS DR.	ION Submi		
DISTRICT III 1000 Rig Brazos R	id., Azteo, N	M 87410		Santa	Fe, New Me	exico 87505			o copico
DISTRICT IV	IR., SANTA FE, Nutaber	NM 87505		CATION	AND ACREA	GE DEDICATI	ON PLAT	🗆 AMENDE	D REPORT
30-02		049		9190		Drinkard			
Property (Code				Property Name CHRISTMAS			Well Num 4	ber
3544 OGRID No	2				Operator Nam		•	4 Elevatio	<u>a</u>
227588			RAN	GE OPE		W MEXICO, IN	۷C	3355	5'
					Surface Loca	ation			
UL or lot No.	Section	Township	Range	Lot. Idn	Feel from the	North/South line	Feet from the	East/West line	County
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DISTRICT I 1825 N. FRENCH DR., 1	Robbs, Nic 882	HOBH	SOCD	Energy.	Minerale and Natural	Resources Department		F	orm C-102
DISTRICT II 1801 W. GRAND AVENUE			OIL	CON 1220 S	SOUTH ST.	ON DIVIS FRANCIS DR.	ION Submi		
DISTRICT III 1000 Rio Brazos Ri	d., Aztoc, N	M 87410		Santa	Fe, New M	exico 87505		ree bease	
DISTRICT IV		NK 87505			AND ACREA	GE DEDICATI	ON PLAT	🗆 AMENDI	ED REPORT
	Number 25-3°	9049		Pool Code 2700	N N	antz; Abo	FOOT MALLC		
Property C 3596	ode				Property Nam		<u></u>	Well Num	lber
OGRID No			. <u> </u>		CHRISTMAS Operator Nam			4 Elevatio	<u> </u>
227588			RANO	GE OPE		W MEXICO, II	NC.	3355	5'
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UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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