

P NRM0831539321

C-103 Received 10-30-2008

DHC No. Assigned 11-10-2008

Order Number		API Number		Operator		County	
H0B-0278		30-025-38583		Range Operating New Mexico, Inc.		Lea	
Order Date		Well Name		Number		Location	
		State C-17		001		F 17 22S 37E	
						UL Sec T (+Dir) R (+Dir)	
				Oil %		Gas %	
Pool 1	19190	Drinkard		85%		50%	
Pool 2	62700	Wantz Abo		15%		50%	
Pool 3							
Pool 4							
Comments:							

Posted to  
RB Dm2  
11-10-2008

3

30-025-38583

HOB-0278

DOWNHOLE COMMINGLE CALCULATIONS:OPERATOR: Range Operating New Mexico Inc.PROPERTY NAME: State C-17WNULSTR: 1-F, 17-22-37

## SECTION I:

POOL NO. 1 Drinkard

## ALLOWABLE AMOUNT

142 852 MCF 6000POOL NO. 2 Wantz Abo187 1122 MCF 6000

POOL NO. 3 \_\_\_\_\_

\_\_\_\_\_ MCF

POOL NO. 4 \_\_\_\_\_

\_\_\_\_\_ MCF

POOL TOTALS 3291974

## SECTION II:

POOL NO. 1 Drinkard

Oil

Gas

 $85\% \times 329 = 279.65$ 

50%

POOL NO. 2 Wantz Abo

15%

50%

POOL NO. 3 \_\_\_\_\_

POOL NO. 4 \_\_\_\_\_

OILGAS

## SECTION III:

 $142 \div 85\% = 167.059 (168)$ 

## SECTION IV:

 $168 \times 85\% = 142.80 (143)$  $168 \times 15\% = 25.20 (25)$

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Aztec, NM 87410  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
220 S. Santa Fe, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
June 19, 2008

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-38583
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name State C-17
8. Well Number 1
9. OGRID Number 227588
10. Pool name or Wildcat Wantz; Abo/Drinkard

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator  
Range Operating New Mexico, Inc.

3. Address of Operator  
100 Throckmorton St., Ste 1200, Fort Worth, TX 76102

4. Well Location  
Unit Letter F : 2310 feet from the North line and 330-2310 feet from the West line  
Section 23 | 7 Township 22S Range 37E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3352

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: Downhole Commingling ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Application for Downhole Commingling:

- (i) According to R-11363 established pre-approved pool & area
- (ii) Pool Names: Drinkard (19190) Wantz; Abo (62700)
- (iii) Perfs: 6570 - 6576 6712 - 6776
- (iv) Prod% Oil, Gas, Wtr 85,50,80 15,50,20
- (v) The downhole commingling of oil & gas from the Drinkard and Wantz; Abo will not reduce the value of the total remaining Production.
- (vi) Ownership between all pools is identical.
- (vii) This is a State property.

DHC Order No. HOB-0278

Spud Date: 8-18-2008

Rig Release Date: 9-18-2008

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Paula Hale TITLE Sr. Reg. Sp DATE 10-29-2008

Type or print name Paula Hale E-mail address: phale@rangeresources.com PHONE: 817-869-4216

For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE NOV 10 2008

Conditions of Approval (if any):

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-38583	Pool Code 19190 26620	Pool Name Fowler Drinkard (Consolidated)
Property Code 36764	Property Name STATE 'C' 17	Well Number 1
OGRID No. 227588	Operator Name RANGE OPERATING NM, INC.	Elevation 3394'

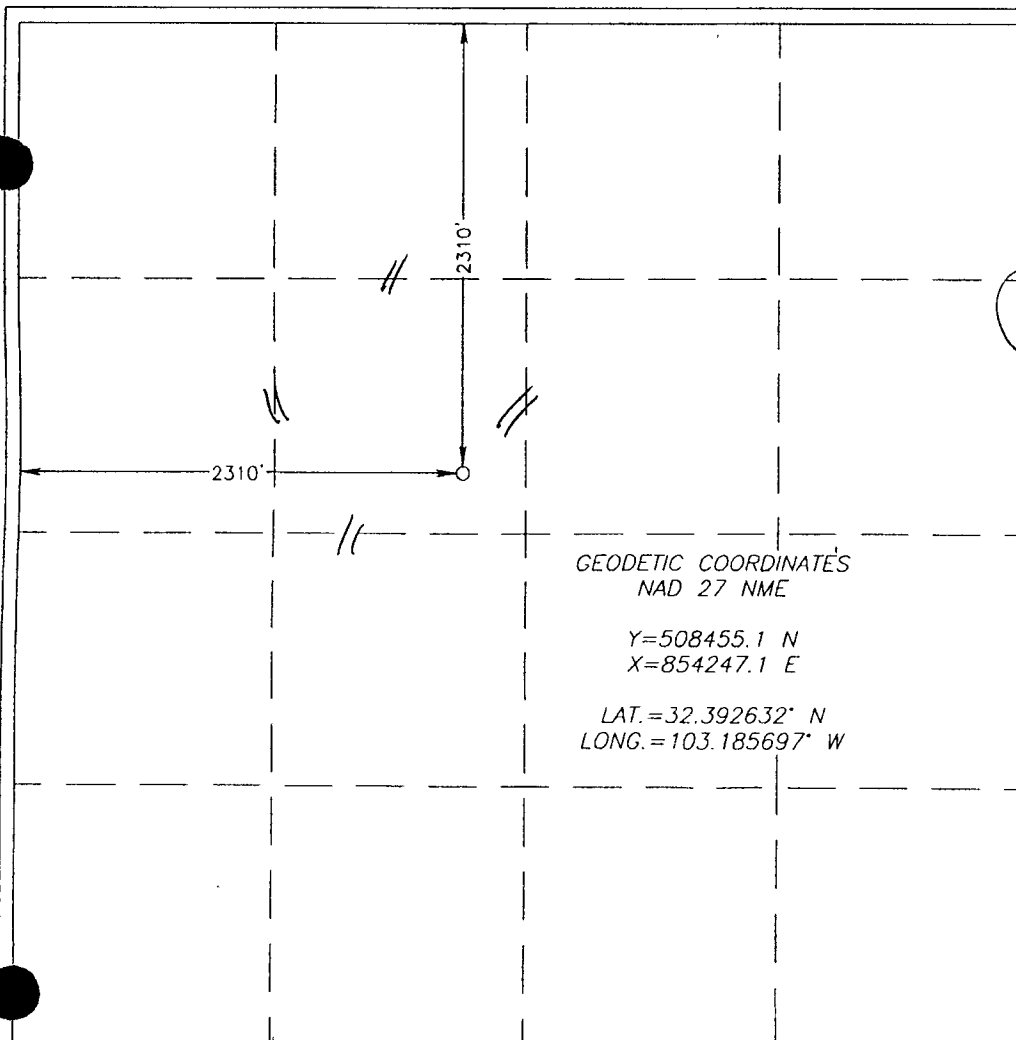
Surface Location

UL or lot No. F	Section 17	Township 22-S	Range 37-E	Lot Idn	Feet from the 2310	North/South line NORTH	Feet from the 2310	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
					Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.	

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



GEODETIC COORDINATES  
NAD 27 NME

Y=508455.1 N  
X=854247.1 E

LAT.=32.392632° N  
LONG.=103.185697° W

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Paula Hale* 8-26-08  
Signature Date

Paula Hale  
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

SEP 26 2007  
Date Surveyed  
Signature of Professional Surveyor  
Professional Surveyor  
3239  
9/25/07  
Certificate No. GARY EIDSON 12641  
RONALD J. EIDSON 3239

## State of New Mexico

Energy, Minerals and Natural Resources Department

## DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

## DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

## DISTRICT III

100 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

## 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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-38583	Pool Code 62700	Pool Name Wantz; Abo
Property Code 36764	Property Name STATE 'C' 17	Well Number 1
OGRID No. 227588	Operator Name RANGE OPERATING NM, INC.	Elevation 3394'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	17	22-S	37-E		2310	NORTH	2310	WEST	LEA

## Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.</p> <p><i>Paula Hale</i> 8-26-08 Signature Date</p> <p>Paula Hale Printed Name</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>RONALD J. EIDSON 2007 Date Surveyed LA</p> <p>Signature Seal of Professional Surveyor 3239</p> <p>9/25/07</p>
	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=508455.1 N X=854247.1 E</p> <p>LAT.=32.392632° N LONG.=103.185697° W</p>
	<p>Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239</p>