

Order Number
UHL
HOR-0368

API Number
30-0225-39049

Operator
Range Operating New Mexico, Inc.

County
Lea / Fee

Order Date
4/07/10

Well Name
Christmas 28

Number
4

Location
225
T (+Dir)

C
UL
28
Sec

32e
R (#Dir)

Pool 1
06660

Oil %
50%

Gas %
70%

Blinberry 0:19 Gas <0:17

Pool 2
19190

Oil %
10%

Gas %
15%

Drinkard

Pool 3
62700

Oil %
40%

Gas %
15%

Wantz Abo

Pool 4

Oil %

Gas %

Comments

DOWNHOLE COMMINGLE CALCULATIONS:

DHC-HOB-0368
API# 30-025-39049

OPERATOR: Range Operating New Mexico

PROPERTY NAME: Christmas 28

WNULSTR: #4-C, 28-225-37e

SECTION I:		ALLOWABLE AMOUNT	
POOL NO. 1	<u>Blinebry Oil & Gas (Oil)</u>	<u>107</u>	<u>428</u> MCF <u>4000</u>
POOL NO. 2	<u>Drinkard</u>	<u>142</u>	<u>852</u> MCF <u>6000</u>
POOL NO. 3	<u>Wantz Abo</u>	<u>987</u>	<u>1122</u> MCF <u>6000</u>
POOL NO. 4			MCF
POOL TOTALS		<u>436</u>	<u>3104</u>

SECTION II:			
POOL NO. 1	<u>Blinebry Oil & Gas (Oil)</u>	<u>8:1</u>	<u>GAS</u>
		<u>50%</u>	<u>70%</u>
POOL NO. 2	<u>Drinkard</u>	<u>10%</u>	<u>15%</u>
POOL NO. 3	<u>Wantz Abo</u>	<u>40% x 436 = 174.4</u>	<u>15%</u>
POOL NO. 4		<u>(174)</u>	

	<u>OIL</u>	<u>GAS</u>
SECTION III:		
	<u>40% ÷ 187 = 467.5 (468)</u>	
SECTION IV:		
	<u>50% x 467 = 234</u>	
	<u>10% x 467 = 46.7 (47)</u>	
	<u>40% x 468 = 187.2 (187)</u>	

Submit 1 Copy To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Ave., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 October 13, 2009

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

WELL API NO. 30-025-39049
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <i>Christmas 28</i>
8. Well Number 004
9. OGRID Number 227588
10. Pool name or Wildcat <i>Wentz Blinberry, Drinkard, Abo</i>

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 C : 697 feet from the North line and 1681 feet from the West line
 Section 28 Township 22S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
2638

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input checked="" type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>		

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Per R-11363:

Please see attached.

DHC-AOB-0368

Spud Date: 12-12-2008

Rig Release Date: 12-24-2008

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 4-6-2010

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 APR 07 2010
 Conditions of Approval (if any):

District I
1625 N French Drive, Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

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APR 01 2010

HOBBS CO

Oil Conservation Division
1220 South St. Francis
Santa Fe, New Mexico 87505

COPY

APPLICATION TYPE
Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE
Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Range Operating New Mexico, Inc. 100 Throckmorton St., Ste. 1200, Fort Worth, TX 76102
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 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 (Perforated or Open-Hole Interval)	5510-5946	6580-6586	6740-6824
Method of Production (Flowing or Artificial 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)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.8	38.8	38.8
Producing, Shut-In or 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: 2-3-2010 Rates: 37/36/221	Date: 2-3-2010 Rates: 7/8/47	Date: 2-3-2010 Rates: 30/7/48
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required)	Oil 50 % Gas 70 %	Oil 10 % Gas 15 %	Oil 40 % Gas 15 %

ADDITIONAL DATA

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 No
Yes No

Are all produced fluids from all commingled zones compatible with each other? Yes No

Will commingling decrease the value of production? Yes No

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 No

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- 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
1626 N. FRENCH DR., HOBBS, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

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

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 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 30-025-39049	Pool Code 06660	Pool Name Blinebry Oil & Gas (oil)
Property Code 35947	Property Name CHRISTMAS 28	Well Number 4
OGRID No. 227588	Operator Name RANGE OPERATING NEW MEXICO, INC.	Elevation 3355'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	28	22-S	37-E		697	NORTH	1681	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	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

<p>1681'</p> <p>697'</p> <p>GEODETTIC COORDINATES NAD 27 NME</p> <p>Y=499570.4 N X=859002.3 E</p> <p>LAT.=32.368073' N LONG.=103.170607' W</p>	<p>OPERATOR CERTIFICATION</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>Linda Brown</i> 7/8/08 Signature Date</p> <p>Linda Brown Printed Name</p>
	<p>SURVEYOR CERTIFICATION</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>Date Surveyed: _____ LA</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>Gary Edson</i> 7/1/08</p>
	<p>Certificate No. GARY EDSON 12641</p>

RECEIVED

APR 01 2010

HOBBSD

DISTRICT I
1625 N. FRENCH DR., HOBBBS, NM 87415

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

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

DISTRICT IV
1820 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

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

COPY

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 30-025-39049	Pool Code 19190	Pool Name Drinkard
Property Code 35947	Property Name CHRISTMAS 28	Well Number 4
OGRID No. 227588	Operator Name RANGE OPERATING NEW MEXICO, INC.	Elevation 3355'

Surface Location

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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		<p>JUNE 25 2008</p> <p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>Gary Edson</i> 7/1/08</p> <p>12641</p>
		<p>Certificate No. GARY EDSON 12641</p>

