

Order Number
DHC
HOB-2169

API Number
30-025-39376

Operator
Range Operating of New Mexico

County
Lea / Fee

Order Date
4/07/10

Well Name
Christmas 28

Number
5

Location
UL K 28 225 37e
R (+Dir)
T (+Dir)
Sec

Oil %
50%

Gas %
70%

Pool 1
D6660

Pool 2
19190

Pool 3
62700

Pool 4
[Empty]

Comments:

Blindry Oil & Gas (OIL)

Drinkard

Wantz Abo

[Empty]

DOWNHOLE COMMINGLE CALCULATIONS:

OPERATOR: Range Operating of Wm

PROPERTY NAME: Christmas 28

WNULSTR: # 5-K, 28-225-370

DHC-HOB-0369

API# 30-025-39376

SECTION I:

POOL NO. 1 Blinberry D&G <Oil>

ALLOWABLE AMOUNT

107 428 MCF 4000

POOL NO. 2 Drinkard

142 852 MCF 6000

POOL NO. 3 Wantz Abo

187 1122 MCF 6000

POOL NO. 4 _____

POOL TOTALS 436

MCF
3104

SECTION II:

POOL NO. 1 Blinberry D&G <Oil>

Oil
50%

POOL NO. 2 Drinkard

10%

POOL NO. 3 Wantz Abo

40% $\times 436 = 174.4$
(174)

POOL NO. 4 _____

GAS
70%
15%
15%

OIL

GAS

SECTION III:

$40\% \div 187 = 467.5 <468>$

SECTION IV:

$50\% \times 468 = 234$

$10\% \times 468 = 46.8 <47>$

$40\% \times 468 = 187.2 <187>$

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

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.)		WELL API NO. 30-025-39376
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Range Operating New Mexico, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 100 Throckmorton St., Ste. 1200, Fort Worth, TX 76102		7. Lease Name or Unit Agreement Name Christmas 28
4. Well Location Unit Letter <u>K</u> : <u>2310</u> feet from the <u>South</u> line and <u>1800</u> feet from the <u>West</u> line Section <u>28</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>Lea</u>		8. Well Number <u>005</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3349		9. OGRID Number 22588
		10. Pool name or Wildcat Blinebry O&G/Drinkard/Wantz; Abo

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: ☐

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

Per R-11363:

Please see attachment.

DHC-HOB-0369

Spud Date: 1-16-2010

Rig Release Date: 1-31-2010

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

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

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HOBBSD

Oil Conservation Division
1220 South St. Francis Dr.
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 28 005 K-28-22S-37E
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 227588 Property Code 35947 API No. 30-025-39376 Lease Type: ____ Federal ____ State ☒ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Blinebry Oil & Gas	Drinkard	Wantz; Abo
Pool Code	6660	19190	62700
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5593-5989	6632-6638	6762-6856
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)	39.2	39.2	39.2
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: 3-2-2010 Rates: 42/297/273	Date: 3-2-2010 Rates: 8/42/59	Date: 3-2-2010 Rates: 32/42/58
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required)	Oil Gas 50 % 70 %	Oil Gas 10 % 15 %	Oil Gas 40 % 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

1625 N. French Dr., Hobbs, NM 88241

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

HOBBSOCD**State of New Mexico
Energy, Minerals and Natural Resources****Oil Conservation Division****1220 S. St Francis Dr.****Santa Fe, NM 87505**Form C-102
Permit 91246**COPY****WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number	2. Pool Code 6660	3. Pool Name BLINEBRY OIL AND GAS (OIL)
4. Property Code 35947	5. Property Name CHRISTMAS 28	6. Well No. 005
7. OGRID No. 227588	8. Operator Name RANGE OPERATING NEW MEXICO INC	9. Elevation 3349

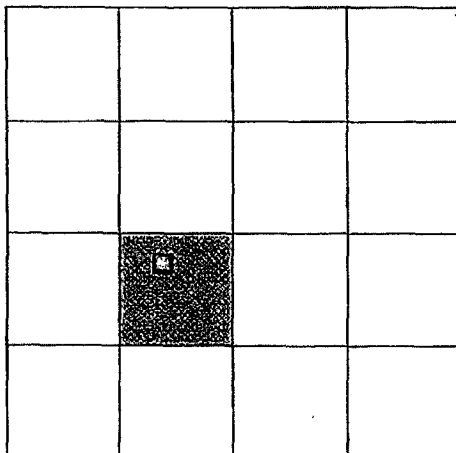
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	28	22S	37E		2310	S	1800	W	LEA

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00		13. Joint or Infill		14. Consolidation Code		15. 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

**OPERATOR CERTIFICATION**

I hereby certify that the information contained 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(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By:

Title:

Date:

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.

Surveyed By: Gary Jones

Date of Survey: 2/17/2009

Certificate Number: 7977

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District I

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HOBBSOCD**State of New Mexico****Energy, Minerals and Natural Resources****Oil Conservation Division****1220 S. St Francis Dr.****Santa Fe, NM 87505**Form C-102
Permit 91246**COPY****WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number	2. Pool Code 19190	3. Pool Name DRINKARD
4. Property Code 35947	5. Property Name CHRISTMAS 28	6. Well No. 005
7. OGRID No. 227588	8. Operator Name RANGE OPERATING NEW MEXICO INC	9. Elevation 3349

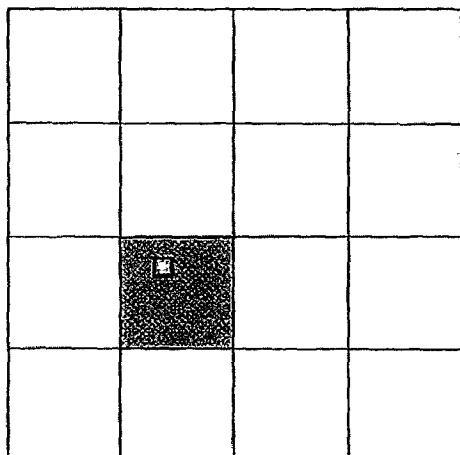
10. Surface Location

UL - Lot K	Section 28	Township 22S	Range 37E	Lot Idn	Feet From 2310	N/S Line S	Feet From 1800	E/W Line W	County LEA
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Date of Survey: 2/17/2009

Certificate Number: 7977

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APR 01 2010
HOBBS, NM

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-102
Permit 91246**COPY****WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number	2. Pool Code 62700	3. Pool Name WANTZ;ABO
4. Property Code 35947	5. Property Name CHRISTMAS 28	6. Well No. 005
7. OGRID No. 227588	8. Operator Name RANGE OPERATING NEW MEXICO INC	9. Elevation 3349

10. Surface Location

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