

Submit 1 Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised August 1, 2011

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

WELL API NO. 30-025-40721 ✓
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 Encore M State ✓
8. Well Number 008 ✓
9. OGRID Number 243874
10. Pool name or Wildcat Drinkard / Wantz; Abo ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3408' GR

**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  
Quantum Resources Management, LLC

3. Address of Operator  
1401 McKinney St., Suite #2400, Houston, TX 77010

4. Well Location  
 Unit Letter J : 2340 feet from the South line and 1650 feet from the East line  
 Section 19 Township 22-S Range 37-E NMPM County Lea

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

<b>NOTICE OF INTENTION TO:</b> 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"/>		<b>SUBSEQUENT REPORT OF:</b> 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"/>	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.

Quantum Resources Management, LLC requests authority to Downhole Commingle production pursuant to Rule 303C(4)(b).

(i) Ref. Division Order No. R-11363  
 (ii) Drinkard (#19190) & Wantz; Abo (#62700)  
 (iii) Drinkard Perfs: 6462' - 6684'; Abo Perfs: 6746' - 6832'  
 (iv) Allocation Method: Identical for each Pool: 50% Oil, 50% Gas, 50% Water  
 (v) Commingling production from each of these pools will not reduce the value of the total remaining production.  
 (vi) All Working, Royalty, and Overriding Royalty Interests are identical between the two commingled zones.  
 (vii) A copy of this Form C-103 has been sent to the Commissioner of Public Lands for the State of New Mexico.

*DHC-40B-519*

Spud Date: 06/07/13

Rig Release Date: 06/20/13

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

SIGNATURE Celeste A. Dale TITLE Sr. Regulatory Analyst DATE 07/16/13

Type or print name Celeste G. Dale E-mail address: cdale@qracq.com PHONE: 432-683-1500

**For State Use Only**

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE JUL 24 2013

Conditions of Approval (if any):

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
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Form C-102  
Revised June 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies  
 AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-40721	<sup>2</sup> Pool Code 62700	<sup>3</sup> Pool Name Wantz; Abo
<sup>4</sup> Property Code 307932	<sup>5</sup> Property Name Encore M State	
<sup>7</sup> OGRID No. 243874	<sup>8</sup> Operator Name Quantum Resources Management, LLC	<sup>6</sup> Well Number 008
		<sup>9</sup> Elevation 3408'

<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	19	22 S	37 E		2340	South	1650	East	Lea

<sup>11</sup>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

<sup>12</sup>Dedicated Acres: 40    <sup>13</sup>Joint or Infill:    <sup>14</sup>Consolidation Code:    <sup>15</sup>Order No. **DHC-40B-519**

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

	16	<p><sup>17</sup>OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><i>Celeste G. Dale</i> Signature</p> <p>Celeste G. Dale Printed Name Sr. Regulatory Analyst (cdale@qracq.com) Title and E-mail Address</p> <p>07/16/13 Date</p>
		<p><sup>18</sup>SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>7-28-2012 Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p><i>Michael L. Stanford</i> 10324 Certificate Number</p>
		<p>QR M STATE No. 19-8 Elev. 3408' NAD 83 NM East N= 502563 E= 891545 NAD 83 Lat. = 32° 22' 35.44" Long. = 103° 11' 56.26"</p>
		<p>MICHAEL L. STANFORD REGISTERED PROFESSIONAL LAND SURVEYOR NEW MEXICO 10324</p>

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AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-40721	<sup>2</sup> Pool Code 19190	<sup>3</sup> Pool Name Drinkard
<sup>4</sup> Property Code 307932	<sup>5</sup> Property Name Encore M State	
<sup>7</sup> OGRID No. 243874	<sup>8</sup> Operator Name Quantum Resources Management, LLC	<sup>6</sup> Well Number 008
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