

District I
1625 N. French Dr. Hobbs NM 88240
Phone (575) 393-6161 Fax. (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone (575) 748-1283 Fax. (575) 748-9720
District III
1000 Rio Bravo Road, Artesia NM 87410
Phone (505) 334-6178 Fax. (505) 334-6170
District IV
1220 S. St. Francis Dr. Santa Fe, NM 87505
Phone (505) 476-3460 Fax. (505) 476-3462

State of New Mexico

HOBBS OGD Energy Minerals and Natural Resources

Oil Conservation Division

FEB 06 2012

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-101
Revised December 16, 2011

Permit

AMENDED

RECEIVED

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Quantum Resources Management, LLC 1401 McKinney St., Suite 2400 Houston, TX 77010		OGRID Number 243874
Property Code 307932		API Number 30-025-40399
Property Name Encore M State		Well No 007

Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
B	19	22S	37E		749	North	1610	East	Lea

Pool Information

Blinebry Oil and Gas (Oil) - 6660; Drinkard - 19190; Wantz, Abo - 62700

Additional Well Information

Work Type New Well	Well Type Oil	Cable/Rotary	Lease Type State	Ground Level Elevation 3413'
Multiple Y	Proposed Depth 7000'	Formation Abo	Contractor	Spud Date 02/15/12
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13 3/8	54.5	1175	1065	0
Int1	11	8.625	32	4000	1105	0
Prod	7.875	5.5	17	7000	480	3800

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular Double Ram	3000 3000	1500 2500	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OGD-approved plan <input checked="" type="checkbox"/> . <i>closed loop</i>		OIL CONSERVATION DIVISION	
Signature: <i>Yolanda Perez</i>		Approved By: <i>[Signature]</i>	
Printed name: Yolanda Perez		Title: <i>REGULATORY SUPERVISOR</i>	
Title: Regulatory Supervisor		Approved Date:	Expiration Date:
E-mail Address: yperez@qracq.com		FEB 06 2012	
Date: 02/06/12	Phone: 713-634-4696	Conditions of Approval Attached	

FEB 06 2012

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State of New Mexico
Energy, Minerals & Natural Resources Department
HOBBS OCE
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
FEB 06 2012

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

¹ API Number 30-025-40399	² Pool Code 6660	³ Pool Name Blinebry Oil and Gas (Oil)
⁴ Property Code 307932	⁵ Property Name Encore M State	⁶ Well Number 007
⁷ OGHD No. 243874	⁸ Operator Name Quantum Resources Management, LLC	⁹ Elevation '3413'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	19	22 S	37 E		749	North	1610	East	Lea

¹¹Bottom 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
¹² Dedicated Acres	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

	¹⁶	¹⁷OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature Yolanda Perez Printed Name Regulatory Supervisor yperez@qracq.com Title and E-mail Address 02/03/2012 Date
		¹⁸SURVEYOR CERTIFICATION <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> 9-15-2011 Date of Survey Signature and Seal of Professional Surveyor 10324 Certificate Number

6.5 Miles SW of Eunice, New Mexico.

File No. A-6050

* Amended

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OIL CONSERVATION DIVISION
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WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-40399		2 Pool Code 19190		3 Pool Name Drinkard	
4 Property Code 307932		5 Property Name Encore M State			6 Well Number 007
7 OGRID No. 243874		8 Operator Name Quantum Resources Management, LLC			9 Elevation 3413'

10 Surface Location

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11 Bottom Hole Location If Different From Surface

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	16	
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6.5 Miles SW of Eunice, New Mexico.

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-40399		² Pool Code 62700		³ Pool Name Wantz; Abo	
⁴ Property Code 307932		⁵ Property Name Encore M State			
⁷ QORID No. 243874		⁶ Operator Name Quantum Resources Management, LLC			
				⁸ Well Number 007	
				⁹ Elevation 3413'	

¹⁰Surface Location

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6.5 Miles SW of Eunice, New Mexico.

File No. A-6050

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