

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

HOBBS:OCD

JUL 28 2011

RECEIVED

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised October 15, 2009

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Quantum Resources Management, LLC 1401 McKinney St., Suite 2400 Houston, TX 77010		² OGRID Number 243874
		³ Reason for Filing Code/ Effective Date NW - 05/26/11
⁴ API Number 30 - 025-40091	⁵ Pool Name Drinkard	⁶ Pool Code 19190
⁷ Property Code 307932	⁸ Property Name Encore M State	⁹ Well Number 004

II. ¹⁰ Surface Location

UL or lot no. H	Section 19	Township 22S	Range 37E	Lot Idn	Feet from the 1962	North/South Line North	Feet from the 603	East/West line East	County Lea
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date 05/26/11	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
36785	DCP Midstream LP 370 17 th St. Ste 2500 Denver, CO 80202	G
35103	Sunoco Partners Marketing & Terminals L.P. P O Box 5090 Sugar Land, TX 77487	O

IV. Well Completion Data

²¹ Spud Date 04/16/11	²² Ready Date 05/20/11	²³ TD 6895'	²⁴ PBTD 6847	²⁵ Perforations 5465-5989'	²⁶ DHC, MC DHC -408- 469
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
	20"	40'			
17 1/2"	13 3/8"	1165'	1025		
12 1/4"	8 5/8"	4030'	1105		
7 7/8"	5 1/2"	6895'	490		
	2 7/8"	6723'			

V. Well Test Data

³¹ Date New Oil 05/26/11	³² Gas Delivery Date 05/26/11	³³ Test Date 06/12/11	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 50	³⁶ Csg. Pressure 50
³⁷ Choke Size OL	³⁸ Oil 147	³⁹ Water 402	⁴⁰ Gas 305	⁴¹ Test Method P	
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief Signature: Yolanda Perez			OIL CONSERVATION DIVISION		
Printed name Yolanda Perez			Approved by: [Signature]		
Title Regulatory Supervisor			Title: PETROLEUM ENGINEER		
E-mail Address yperez@gracq.com			Approval Date: SEP 21 2011		
Date 06/21/2011		Phone: 713-634-4696			