

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

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

1. Operator Name and Address ENCORE OPERATING LP 777 MAIN STREET, SUITE 1400 FORT WORTH, TX 76102		2. OGRID Number 189951
4. Property Code 37138		3. API Number 30-025-39541
5. Property Name ENCORE M STATE		6. Well No. 002

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	19	22S	37E	G	1700	N	1700	E	LEA

8. Pool Information

DRINKARD	19190
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3417
14. Multiple N	15. Proposed Depth 6850	16. Formation Drinkard	17. Contractor	18. Spud Date 1/1/2010
Depth to Ground water 100		Distance from nearest fresh water well		Distance to nearest surface water

Pit: Liner: Synthetic ☐ mls thick Clay ☐ Pit Volume: bbls Drilling Method:
 Closed Loop System ☐ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	1200	630	0
Prod	7.875	5.5	17	6850	875	0

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	
Annular	2000	2000	

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 OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Ann Wiley Title: Regulatory Supervisor Email Address: awiley@encoreacq.com Date: 10/8/2009 Phone: 817-877-9955	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 10/15/2009 Expiration Date: 10/15/2011
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District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(505) 393-6161 Fax:(505) 393-0720

District II
 1301 W. Grand Ave., Artesia, NM 88210
 Phone:(505) 748-1283 Fax:(505) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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Form C-102
 Permit 102940

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39541	2. Pool Code 19190	3. Pool Name DRINKARD
4. Property Code 37138	5. Property Name ENCORE M STATE	6. Well No. 002
7. OGRID No. 189951	8. Operator Name ENCORE OPERATING LP	9. Elevation 3417


10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	19	22S	37E		1700	N	1700	E	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: Ann Wiley
 Title: Regulatory Supervisor
 Date: 10/8/2009

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: 2/19/2009
 Certificate Number: 7977