

**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
		3. API Number 30-025-38000
4. Property Code 35825	5. Property Name ENCORE "6" STATE COM	6. Well No. 001

**7. Surface Location**

UL - Lot F	Section 6	Township 17S	Range 35E	Lot Ida F	Feet From 1650	N/S Line N	Feet From 1650	E/W Line W	County LEA
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**8. Pool Information**

VACUUM,ATOKA-MORROW, NORTH (GAS)	86800
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**Additional Well Information**

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 4025
14. Multiple N	15. Proposed Depth 12800	16. Formation Morrow	17. Contractor	18. Spud Date 8/15/2006
Depth to Ground water 80		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pn: Liner: Synthetic <input checked="" type="checkbox"/> 12 mile thick Clay <input type="checkbox"/> Pn Volume: 14000 bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**19. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	500	450	
Int1	11	8.625	32	4800	1590	
Prod	7.875	5.5	17	12800	570	11000

**Casing/Cement Program: Additional Comments**

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**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

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 checked="" type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 7/11/2006	Expiration Date: 7/11/2007
	Conditions of Approval Attached	
Printed Name: Electronically filed by Ann Wiley Title: Sr. Regulatory Analyst Email Address: awiley@encoreacq.com Date: 7/10/2006 Phone: 817-877-9955		

**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 33773

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-38000	2. Pool Code 86800	3. Pool Name VACUUM,ATOKA-MORROW, NORTH (GAS)
4. Property Code 35825	5. Property Name ENCORE "6" STATE COM	6. Well No. 001
7. OGRID No. 189951	8. Operator Name ENCORE OPERATING LP	9. Elevation 4025

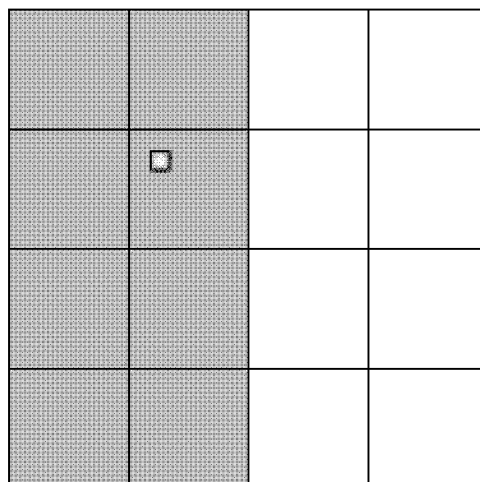
**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	6	17S	35E		1650	N	1650	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 320.00	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: Sr. Regulatory Analyst  
 Date: 7/10/2006

**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: 6/13/2006  
 Certificate Number: 7977

# Permit Conditions of Approval

Operator: ENCORE OPERATING LP , 189951

Well: ENCORE "6" STATE COM #001

API: 30-025-38000

OCD Reviewer	Condition
pkautz	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
pkautz	prior to any pit construction notify Gary Wink at 505-393-8161 ext 114