

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 30-025-39080
4. Property Code 37275	5. Property Name WILLOWPEG 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
K	35	16S	34E	K	1500	S	1980	W	LEA

8. Pool Information

VACUUM;MORROW (GAS)	86840
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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 4056
14. Multiple N	15. Proposed Depth 13200	16. Formation Morrow	17. Contractor	18. Spud Date 9/15/2008
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume: 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	1670	1000	0
Int1	12.25	9.625	40	4700	1350	0
Prod	12.25	5.5	17	13200	2080	4200

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
DoubleRam	5000	5000	

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 ☐ , a general permit ☐ , or an (attached) alternative OCD-approved plan ☐ .

Printed Name: Electronically filed by Ann Wiley

Title: Regulatory Supervisor

Email Address: awiley@encoreacq.com

Date: 7/28/2008 Phone: 817-877-9955

OIL CONSERVATION DIVISION

Approved By: Paul Kautz

Title: Geologist

Approved Date: 8/20/2008

Expiration Date: 8/20/2010

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 79329

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39080	2. Pool Code 86840	3. Pool Name VACUUM MORROW (GAS)
4. Property Code 37275	5. Property Name WILLOWPEG STATE	6. Well No. 002
7. OGRID No. 189951	8. Operator Name ENCORE OPERATING LP	9. Elevation 4056

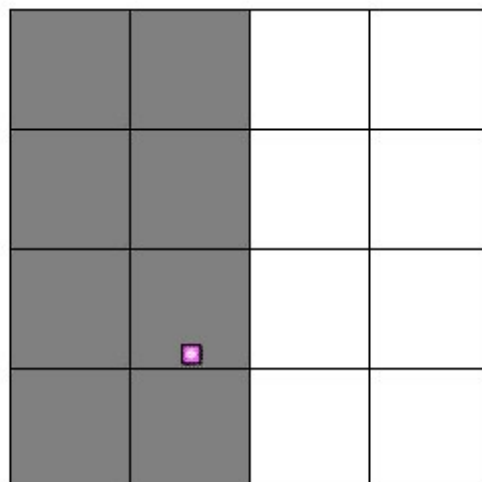
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	35	16S	34E		1500	S	1980	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: Regulatory Supervisor
 Date: 7/28/2008

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: 7/21/2008
 Certificate Number: 7977

Permit Comments

Operator: ENCORE OPERATING LP , 189951

Well: WILLOWPEG STATE #002

API: 30-025-39080

Created By	Comment	Comment Date
pkautz	waiting on C-144	7/31/2008
DMULL	Received form C-144 "Pit Registration". OCD Permit Number P1-00298.	8/20/2008