

**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 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

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

Form C-101  
August 1, 2011  
Permit 162767

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

1. Operator Name and Address MARSHALL & WINSTON INC PO BOX 50880 MIDLAND, TX 79710		2. OGRID Number 14187
4. Property Code 39736		3. API Number 30-025-41075
5. Property Name LOCO DINERO 36		6. Well No. 001H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	36	21S	33E	C	330	N	1980	W	LEA

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	36	21S	33E	N	330	S	1980	W	Lea

**9. Pool Information**

WC-025 G-09 S2133351;WOLFCAMP	96781
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3654
16. Multiple N	17. Proposed Depth 16414	18. Formation Pennsylvanian	19. Contractor	20. Spud Date 3/1/2013
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.625	54.4	1625	1250	0
Int1	12.25	9.625	40	5400	1350	0
Int2	8.75	7	26	12272	1060	0
Prod	6.125	4.5	11.6	16414	480	11400

**Casing/Cement Program: Additional Comments**

100% cement excess on the surface and 1st Intermediate. 25% excess on the 7" and 4.5" strings.
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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	2500	Cameron
DoubleRam	5000	5000	Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature:	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Sherry Roberts	Approved By: Paul Kautz
Title: Operations Secretary	Title: Geologist
Email Address: sroberts@mar-win.com	Approved Date: 3/26/2013    Expiration Date: 3/26/2015
Date: 2/20/2013    Phone: 432-684-6373	Conditions of Approval Attached

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
August 1, 2011  
Permit 162767

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-41075	2. Pool Code 96781	3. Pool Name WC-025 G-09 S2133351,WOLFCAMP
4. Property Code 39736	5. Property Name LOCO DINERO 36	6. Well No. 001H
7. OGRID No. 14187	8. Operator Name MARSHALL & WINSTON INC	9. Elevation 3654

**10. Surface Location**

UL - Lot C	Section 36	Township 21S	Range 33E	Lot Idn N	Feet From 330	N/S Line N	Feet From 1980	E/W Line W	County LEA
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**11. Bottom Hole Location If Different From Surface**

UL - Lot N	Section 36	Township 21S	Range 33E	Lot Idn N	Feet From 330	N/S Line S	Feet From 1980	E/W Line W	County LEA
12. Dedicated Acres 160.00		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**

	<b>OPERATOR CERTIFICATION</b>		
	<i>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.</i>		
	E-Signed By: Sherry Roberts Title: Operations Secretary Date: 2/20/2013		
	<b>SURVEYOR CERTIFICATION</b>		
<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>			
Surveyed By: Ronald Eidson Date of Survey: 2/14/2013 Certificate Number: 3239			

## Permit Comments

**Operator:** MARSHALL & WINSTON INC , 14187

**Well:** LOCO DINERO 36 #001H

**API:** 30-025-41075

Created By	Comment	Comment Date
SROBERTS	Vertical depth 12,000', TMD 16,414'	2/20/2013
SROBERTS	Horizontal well ,SHL:U/L 'B',BHL U/L 'N'. 160 dedicated acs.	2/20/2013
pkautz	Potash area R-111-P	2/21/2013
CHERRERA	Received Potash letters from BLM & SLO 02/22/2013 Both OK.	2/21/2013
CHERRERA	OCD RECEIVED FORM C144 CLEZ. OCD PERMIT #P1-05858	3/26/2013

## Permit Conditions of Approval

Operator: MARSHALL & WINSTON INC , 14187

Well: LOCO DINERO 36 #001H

API: 30-025-41075

OCD Reviewer	Condition
pkautz	Need a plat showing all potash leases within a 1 mile radius to well. Proof operator notified all potash lessees by certified mail. 20 day waiting period starts day of delivery.
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite. Estimated top Rustler Anhydrite is 1600'