

**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 244866

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

1. Operator Name and Address MARSHALL & WINSTON INC P. O. Box 50880 Midland, TX 79710		2. OGRID Number 14187
4. Property Code 39736		3. API Number 30-025-44211
5. Property Name LOCO DINERO 36 STATE COM		6. Well No. 003H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	36	21S	33E	A	175	N	330	E	Lea

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	36	21S	33E	P	210	S	450	E	Lea

**9. Pool Information**

WC-025 G-06 S213326D;BONE SPRING	97929
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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 3649
16. Multiple N	17. Proposed Depth 16694	18. Formation Bone Spring	19. Contractor	20. Spud Date 12/1/2017
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1875	1555	0
Int1	12.25	9.625	40	5759	1520	0
Prod	8.75	5.5	20	16694	2755	0

**Casing/Cement Program: Additional Comments**



Plan to drill 17 1/2" hole with 8.4-8.6# spud mud to 1875'. Run 13 3/8" 54.5# J-55 STC csg, cmt to surface in single stage. Drill 12 1/4" hole with 10# salt saturated water to 5759'. Run 1264' 9 5/8" 40# HCP110 LTC csg & 4500' 9 5/8" 40# N80 LTC csg, cmt in two stages with DVT @ 4075'. Drill 8 3/4" hole with cut brine to 16694' (TD). Kick off at ~11295'. Land curve @ 12195' MD, 11860' TVD. Run 5 1/2" 20# HPC110 Buttruss csg. Cmt to surface in single stage.
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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	Cameran

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 checked="" 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:      11/18/2017      Expiration Date: 11/18/2019
Date:                11/17/2017      Phone: 432-684-6373	Conditions of Approval Attached

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

**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: Sherry Roberts  
Title: Operations Secretary  
Date: 11/17/2017

**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: RON EIDSON  
Date of Survey: 10/3/2017  
Certificate Number: 3239

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

Form APD Comments  
  
Permit 244866

**PERMIT COMMENTS**

Operator Name and Address: MARSHALL & WINSTON INC [14187] P. O. Box 50880 Midland, TX 79710		API Number: 30-025-44211
		Well: LOCO DINERO 36 STATE COM #003H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 244866

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
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**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: MARSHALL & WINSTON INC [14187] P. O. Box 50880 Midland, TX 79710	API Number: 30-025-44211
	Well: LOCO DINERO 36 STATE COM #003H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	Pit construction and closure must satisfy all requirements of your approved plan.
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	1) SURFACE & INTERNEMATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	Stage Tool 1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.
pkautz	Gas capture plan submit ASAP