

**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 264465

**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 313600		3. API Number 30-025-45767
5. Property Name LOOKIN GOOD 34 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
B	34	20S	35E	B	330	N	1980	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
O	34	20S	35E	O	330	S	1980	E	Lea

**9. Pool Information**

GRAMA RIDGE;BONE SPRING, NORTH	28434
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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 3691
16. Multiple N	17. Proposed Depth 15000	18. Formation Bone Spring	19. Contractor	20. Spud Date 4/1/2019
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	1850	1450	0
Int1	12.25	9.625	36	5700	1250	0
Prod	8.75	5.5	17	15000	2000	0

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	2000	Hydrill/Shaeffer

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 F Kautz
Title: Operations Secretary	Title: Geologist
Email Address: sroberts@mar-win.com	Approved Date: 3/22/2019      Expiration Date: 3/22/2021
Date: 3/4/2019      Phone: 432-684-6373	Conditions of Approval Attached

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DISTRICT IV  
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Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

MAR 10 2015

AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-41078	Pool Code 28434	Pool Name Grama Ridge; Bone Spring, North
Property Code 313600	Property Name LOOKIN GOOD 34 STATE COM	Well Number 3H
OGRID No. 14187	Operator Name MARSHALL & WINSTON, INC	Elevation 3691'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	34	20-S	35-E		330	NORTH	1980	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	34	20-S	35-E		330	SOUTH	1980	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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

<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y= 559803.1 N X= 774542.0 E</p> <p>LAT.=32.535852° N LONG.=103.442494° W</p>	<p>GEODETIC COORDINATES NAD 83 NME</p> <p>SURFACE LOCATION Y= 559865.2 N X= 815724.1 E</p> <p>LAT.=32.535975° N LONG.=103.442978° W</p>	<p>A</p> <p>330'</p> <p>S.L.</p> <p>1980'</p> <p>B</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information 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 or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>[Signature]</i> 03/06/15 Signature Date</p> <p>Gabe Herrera Printed Name</p> <p>gherrera@mar-win.com E-mail Address</p>
<p>CORNER COORDINATES TABLE NAD 27 NME</p> <p>A - Y= 560127.5 N, X= 773874.7 E B - Y= 560138.5 N, X= 775196.8 E C - Y= 554852.4 N, X= 775238.7 E D - Y= 554840.7 N, X= 773916.7 E</p>		<p>GRID AZ.=179°32'42"</p> <p>HORIZ. DIST.=4627.7'</p>	
<p>CORNER COORDINATES TABLE NAD 83 NME</p> <p>A - Y= 560189.6 N, X= 815056.7 E B - Y= 560200.7 N, X= 816378.8 E C - Y= 554914.4 N, X= 816420.9 E D - Y= 554902.7 N, X= 815098.9 E</p>			
<p>BOTTOM HOLE LOCATION NAD 27 NME</p> <p>Y= 555176.5 N X= 774578.6 E</p> <p>LAT.=32.523135° N LONG.=103.442501° W</p>	<p>BOTTOM HOLE LOCATION NAD 83 NME</p> <p>Y= 555238.5 N X= 815760.8 E</p> <p>LAT.=32.523258° N LONG.=103.442984° W</p>	<p>D</p> <p>330'</p> <p>B.H.</p> <p>1980'</p> <p>C</p>	<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>JANUARY 7, 2015 Date of Survey</p> <p><i>[Signature]</i> Signature &amp; Seal of Professional Surveyor</p> <p>3239 Certificate Number</p> <p>Gary G. Eidson 12641 Ronald J. Eidson 3239</p> <p>LSL JWSC W.O.: 14,11,1411</p>

MAR 16 2015

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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form APD Comments  
  
Permit 264465

**PERMIT COMMENTS**

Operator Name and Address: MARSHALL & WINSTON INC [14187] P.O. Box 50880 Midland, TX 79710		API Number: 30-025-45767
		Well: LOOKIN GOOD 34 STATE COM #003H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 264465

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: MARSHALL & WINSTON INC [14187] P.O. Box 50880 Midland, TX 79710	API Number: 30-025-45767
	Well: LOOKIN GOOD 34 STATE COM #003H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	1) SURFACE & INTERMEDIATE 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	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	Stage Tool 1) Must notify OCD Hobbs Office prior to running Stage Tool at 5753703186 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.