

**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 XTO ENERGY, INC 2700 FARMINGTON AVENUE FARMINGTON , NM 87401		2. OGRID Number 5380
		3. API Number 30-025-38255
4. Property Code 3355	5. Property Name SOUTHEAST MALJAMAR GB/SA UNIT	6. Well No. 618

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	29	17S	33E	N	168	S	2066	W	LEA

**8. Pool Information**

MALJAMAR,GRAYBURG-SAN ANDRES	43329
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**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 4039
14. Multiple N	15. Proposed Depth 4600	16. Formation Grayburg	17. Contractor	18. Spud Date
Depth to Ground water 160		Distance from nearest fresh water well 1000		Distance to nearest surface water 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____ mils thick Clay <input type="checkbox"/> Pit Volume: 7000 _____ 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	12.25	8.625	24	1200	630	0
Prod	7.875	5.5	17	4600	860	0

**Casing/Cement Program: Additional Comments**

XTO Energy Inc. proposes to: \*Drill 12-1/4" hole to 1200', run 8-5/8" csg & cmt w/class "C" to surf. \*Drill 7-7/8" hole to 4600', run 5-1/2" csg & cmt w/class "C" to surf. Mud Program: 0-1200' 8.4ppg fresh water 1200'-4600 10.0ppg brine water XTO Energy Inc. CASE III BOPE

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Hydril	1500	3000	Schaffer
DoubleRam	2000	3000	Schaffer

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"/> . Printed Name: Electronically filed by Cheryl Moore Title: Regulatory Analyst Email Address: Cheryl_moore@xtoenergy.com Date: 1/8/2007	OIL CONSERVATION DIVISION	
	Approved By: Chris Williams	
	Title: District Supervisor	
	Approved Date: 1/10/2007	Expiration Date: 1/10/2008
	Phone: 505-564-6706	
Conditions of Approval Attached		

State of New Mexico

DISTRICT I

1625 N. FRENCH DR., BOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Revised JUNE 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-</b>	Pool Code	Pool Name <b>Maljamar; Grayburg-San Andres</b>
Property Code	Property Name <b>SEMGS AU</b>	Well Number <b>618</b>
OGRID No. <b>005380</b>	Operator Name <b>XTO ENERGY</b>	Elevation <b>4039'</b>

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>N</b>	<b>29</b>	<b>17-S</b>	<b>33-E</b>		<b>168</b>	<b>SOUTH</b>	<b>2066</b>	<b>WEST</b>	<b>LEA</b>

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

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
<b>40</b>			

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  Y=654875.3 N X=698714.8 E  LAT.=32°47'55.22" N LONG.=103°41'11.92" W</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>[Signature]</i> Signature <b>Sorina W Flores</b> Printed Name <b>Drilling Tech</b> Title <b>1/8/2006</b> Date</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><b>DECEMBER 15, 2005</b></p> <p>Date Surveyed <b>RZB</b> Signature &amp; Seal of Professional Surveyor <i>[Signature]</i> <b>05.11.1977</b></p> <p>Certificate No. <b>GARY EIDSON</b> <b>12641</b></p>

# Permit Conditions of Approval

Operator: XTO ENERGY, INC , 5380

Well: SOUTHEAST MALJAMAR GB/SA UNIT #618

API: 30-025-38255

OCD Reviewer	Condition
DMULL	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
DMULL	Notice is to be given to the Hobbs OCD office prior to construction of the pit(s).