

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 188444

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

1. Operator Name and Address CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 75070		2. OGRID Number 298299
		3. API Number 30-025-41941
4. Property Code 312471	5. Property Name SOUTHEAST MALJAMAR GB/SA UNIT	
		6. Well No. 621

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	29	17S	33E	M	1032	S	1047	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
M	29	17S	33E	M	1032	S	1047	W	Lea

9. Pool Information

MALJAMAR;GRAYBURG-SAN ANDRES	43329
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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 4035
16. Multiple N	17. Proposed Depth 5000	18. Formation San Andres	19. Contractor	20. Spud Date 8/15/2014
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	12.25	8.625	24	1269	800	0
Prod	7.875	5.5	15.5	4500	560	0

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	3000	TBD

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 ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.	OIL CONSERVATION DIVISION
Signature:	
Printed Name: Electronically filed by Robbie A Grigg	Approved By: Paul Kautz
Title: Regulatory Compliance	Title: Geologist
Email Address: rgrigg@mspartners.com	Approved Date: 6/30/2014 Expiration Date: 6/30/2016
Date: 6/30/2014 Phone: 817-334-7842	Conditions of Approval Attached

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code	³ Pool Name
		43229	MALJAMAR; GRAYBURG-SAN ANDRES
⁴ Property Code	⁵ Property Name		⁶ Well Number
	SE MALJAMAR GRAYBURG-ANDRES UNIT		621
⁷ OGRID No.	⁸ Operator Name		⁹ Elevation
298299	CROSS TIMBERS ENERGY, LLC		4,051'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	17S	33E	13	1,032	SOUTH	1,047	WEST	LEA

¹¹ 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

¹² Dedicated Acres	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.

	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>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 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.</p> <p><i>Robbie A. Grigg</i> 6/14/14 Signature Date</p> <p>Robbie A Grigg Printed Name</p> <p>rgrigg@mspartners.com E-mail Address</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</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>JUNE 13, 2014 Date of Survey</p> <p><i>Clinton Kyle Gregg</i> Signature and Seal of Professional Surveyor</p> <p>CLINTON KYLE GREGG NEW MEXICO 21205 PROFESSIONAL SURVEYOR</p> <p>21205 Certificate Number</p>

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Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

Form APD Comments

Permit 188444

PERMIT COMMENTS

Operator Name and Address: CROSS TIMBERS ENERGY, LLC [298299] 400 West 7th Street Fort Worth, TX 75070		API Number: 30-025-41941
		Well: SOUTHEAST MALJAMAR GB/SA UNIT #621
Created By	Comment	Comment Date

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Form APD Conditions

Permit 188444

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: CROSS TIMBERS ENERGY, LLC [298299] 400 West 7th Street Fort Worth, TX 75070	API Number: 30-025-41941
	Well: SOUTHEAST MALJAMAR GB/SA UNIT #621

OCD Reviewer	Condition
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	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	Pit construction and closure must satisfy all requirements of your approved plan.
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface --
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water