

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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) 334-8178 Fax:(505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

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 191022

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
4. Property Code 312477		3. API Number 30-025-42049
5. Property Name NEW MEXICO BO STATE		6. Well No. 009

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	12	18S	34E	9	2300	S	999	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
I	12	18S	34E	9	2300	S	999	E	Lea

9. Pool Information

VACUUM;ABO REEF	61780
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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 3976
16. Multiple N	17. Proposed Depth 11500	18. Formation Abo Reef	19. Contractor	20. Spud Date 9/15/2014
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	1725	850	
Prod	7.875	5.5	17	11500	695	

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. Signature: _____ Printed Name: Electronically filed by Robbie A Grigg Title: Regulatory Compliance Email Address: rgrigg@mspartners.com Date: 8/18/2014	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 8/18/2014 Expiration Date: 8/18/2016 Conditions of Approval Attached
Phone: 817-334-7842	

District I
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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
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, 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
	61780	VACUUM; ABO REEF
⁴ Property Code	⁵ Property Name	⁶ Well Number
312477	NEW MEXICO BO STATE	009
⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
298299	CROSS TIMBERS ENERGY, LLC	3,976'

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
1	12	18S	34E	9	2,300	SOUTH	999	EAST	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.						
40	1								

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.

	¹⁷ 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 undivided 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. Signature: <i>Robbie A. Grigg</i> Date: <i>8/13/14</i> Printed Name: Robbie A Grigg Email Address: rgrigg@mspartners.com
	¹⁸ 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. Date of Survey: <i>8/12/2014</i> Signature and Seal of Professional Surveyor: <i>Clinton Kyle Gregg</i> Certificate Number: <i>21205</i>

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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 191022

PERMIT COMMENTS

Operator Name and Address: CROSS TIMBERS ENERGY, LLC [298299] 400 West 7th Street Fort Worth, TX 75070	API Number: 30-025-42049
	Well: NEW MEXICO BO STATE #009

Created By	Comment	Comment Date
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Form APD Conditions

Permit 191022

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: CROSS TIMBERS ENERGY, LLC [298299] 400 West 7th Street Fort Worth, TX 75070	API Number: 30-025-42049
	Well: NEW MEXICO BO STATE #009

OCD Reviewer	Condition
DMULL	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	SURFACE & PRODUCTION CASING - Cement must circulate to surface
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