

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 186853

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

1. Operator Name and Address ENERGEX, LLC 4425 98th, Suite 200 Lubbock, TX 79424		2. OGRID Number 296260
4. Property Code 313304		3. API Number 30-005-29212
5. Property Name LUCAS FEE		6. Well No. 001

7. Surface Location

UL - Lot K	Section 24	Township 08S	Range 33E	Lot Idn	Feet From 2310	N/S Line S	Feet From 2310	E/W Line W	County Chaves
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8. Proposed Bottom Hole Location

UL - Lot K	Section 24	Township 08S	Range 33E	Lot Idn K	Feet From 2310	N/S Line S	Feet From 2310	E/W Line W	County Chaves
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9. Pool Information

MILNESAND;PENN, WEST	46779
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 4333
16. Multiple N	17. Proposed Depth 9400	18. Formation Bough	19. Contractor	20. Spud Date 7/15/2014
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	17.5	13.375	48	380	400	0
Int1	11	8.625	32	3900	1000	0
Prod	7.875	5.5	17	9400	1000	3400

Casing/Cement Program: Additional Comments

A DV tool will be utilized at 8000'.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Double Ram	5000	5000	

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:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Marc Lilley	Approved By: Paul Kautz
Title: Managing Member	Title: Geologist
Email Address: mallilley@yahoo.com	Approved Date: 5/30/2014
Date: 5/29/2014	Expiration Date: 5/30/2016
Phone: 806-698-0962	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, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name LUCAS FEE	Well Number 1
OGRJD No.	Operator Name ENERGEX, LLC	Elevation 4333'

Surface Location

UL or lot No. K	Section 24	Township 8-S	Range 33-E	Lot Idn	Feet from the 2310	North/South line SOUTH	Feet from the 2310	East/West line WEST	County CHAVES
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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.						

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=948763.8 N X=747903.6 E</p> <p>LAT.=33.605432° N LONG.=103.519137° W</p>	<p>OPERATOR CERTIFICATION</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>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>
	<p>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>APRIL 30, 2014</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor: _____</p>	
	<p>Ronald J. Eidson 5/23/2014</p> <p>Certificate Number Gary G. Eidson 12641 Ronald J. Eidson 3239</p>	
	<p>ACK JWSC W.O.: 14.11.0443</p>	

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Santa Fe, NM 87505

Form APD Comments

 Permit 186853

PERMIT COMMENTS

Operator Name and Address: ENERGEX, LLC [296260] 4425 98th, Suite 200 Lubbock, TX 79424		API Number: 30-005-29212
		Well: LUCAS FEE #001
Created By	Comment	Comment Date
MENG	Onsite search yielded no water wells within 300'. Search of State Engineers online database yielded no water wells in the section.	5/29/2014

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Form APD Conditions

Permit 186853

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: ENERGEX, LLC [296260] 4425 98th, Suite 200 Lubbock, TX 79424	API Number: 30-005-29212
	Well: LUCAS FEE #001

OCD Reviewer	Condition
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	Surface casing minimum setting depth is 350' and at least 50' into the red beds whichever is greater.
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.