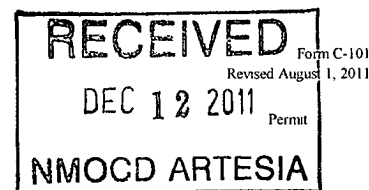


District I
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District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170
District IV
1220 S St Francis Dr, Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South 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 THREE RIVERS OPERATING COMPANY, LLC 1122 S. CAPITAL OF TEXAS HWY., #325 AUSTIN, TX 78746		² OGRID Number 272295
		³ API Number 30-015-22735
⁴ Property Code 38985	⁵ Property Name LUCAS STORE JZ STATE	⁶ Well No 1

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	23	17S	28E		1980	N	860	W	EDDY

⁸ Pool Information

EMPIRE; GLORIETA-YESO	96210
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Additional Well Information

⁹ Work Type E	¹⁰ Well Type S	¹¹ Cable/Rotary R	¹² Lease Type S	¹³ Ground Level Elevation 3693'
¹⁴ Multiple N	¹⁵ Proposed Depth 9000'	¹⁶ Formation CISCO/CANYON	¹⁷ Contractor	¹⁸ Spud Date 01/15/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

¹⁹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
SURFACE	17 1/2	13 3/8	48	414	375	CIRCULATED
INTERMEDIATE	12 1/4	8 5/8	24	2256	1050	CIRCULATED
PRODUCTION	7 7/8	5 1/2	17	9000	250	7500'

Casing/Cement Program: Additional Comments

250 sx Class C Neat 1.46 cu ft/sk - 25% excess
--

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
HYDRIL	5000#	5000#	N/A

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 NMOC D guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name TOM STRATTON		Approved By <i>J. C. Shugart</i>	
Title OPERATIONS ENGINEER		Title <i>Geologist</i>	
E-mail Address tstratton@3nrn.com		Approved Date DEC 13 2011	Expiration Date 12/13/13
Date 12/08/2011	Phone 512-706-9849	Conditions of Approval Attached	

Permit Expires 2 Years From Approval Date Unless Drilling Underway

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
August 1, 2011

Permit 141201

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-22735	2 Pool Code 96210	3 Pool Name EMPIRE, GLORIETA-YESO
4 Property Code 38985	5 Property Name LUCAS STORE JZ STATE	6 Well No 001
7 OGRID No 272295	8 Operator Name THREE RIVERS OPERATING COMPANY LLC	9 Elevation 3693

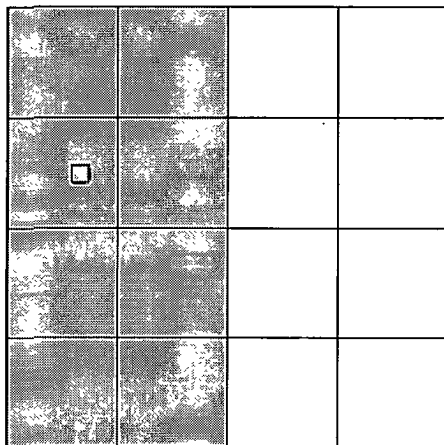
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	23	17S	28E		1980	N	860	W	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12 Dedicated Acres 320.00		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

**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 unleased mineral interest in the land including the proposed bottom hole location(s) 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

Signed By. TOM STRATTON

Title. OPERATIONS ENGINEER

Date 12/08/2011

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.

Surveyed By Dan Reddy

Date of Survey 8/10/1978

Certificate Number 5412

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Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised August 1, 2011

Permit

Amended

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

¹ Operator Name and Address THREE RIVERS OPERATING COMPANY, LLC 1122 S. CAPITAL OF TEXAS HIGHWAY, SUITE 325 AUSTIN, TX 78746		² OGRID Number 272295
⁴ Property Code 38985	³ Property Name LUCAS STORE JZ STATE	⁵ API Number 30-015-22735 ⁶ Well No. 1

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	23	17S	28E		1980	N	860	W	EDDY

⁸ Pool Information

SWD, CISCO	96099
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Additional Well Information

⁹ Work Type N	¹⁰ Well Type S	¹¹ Cable/Rotary R	¹² Lease Type S	¹³ Ground Level Elevation 3693'
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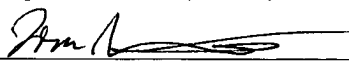
Casing/Cement Program: Additional Comments

250 sx Class C Neat 1.46 cu ft / sk - 25% excess
C-108 FOR DISPOSAL WELL IS BEING PREPARED AND WORK ON THIS PERMIT IS PENDING APPROVAL OF THE C-108

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
HYDRIL	5000#	5000#	N/A

Accepted for record

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 type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . 		NMOCD OIL CONSERVATION DIVISION 10/12/2011	
Printed name TOM STRATTON		Approved By.	
Title OPERATIONS ENGINEER		Title	
E-mail Address tstratton@3mr.com		Approved Date	
Date: 12/14/11		Expiration Date	
Phone. 512-706-9849		Conditions of Approval Attached	

dm

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Santa Fe, NM 87505

Form C-102

August 1, 2011

Permit 141201

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-22735	2. Pool Code 96099	3. Pool Name SWD; CISC0
4. Property Code 38985	5 Property Name LUCAS STORE JZ STATE	6. Well No 001
7 OGRID No. 272295	8 Operator Name THREE RIVERS OPERATING COMPANY LLC	9. Elevation 3693


10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
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	<p align="center">OPERATOR CERTIFICATION</p> <p><i>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(s) 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.</i></p> <p align="right"><i>[Signature]</i></p> <p>Signed By: TOM STRATTON Title: OPERATIONS ENGINEER Date: 12/08/2011</p> <hr/> <p align="center">SURVEYOR CERTIFICATION</p> <p><i>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</i></p> <p>Surveyed By: Dan Reddy Date of Survey: 8/10/1978 Certificate Number: 5412</p>
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