

District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

MAR 31 2009

Form C-101
June 16, 2008

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☒ AMENDED REPORT

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

¹ Operator Name and Address REEF EXPLORATION, L.P. 1901 N. CENTRAL EXPY, STE 300, RICHARDSON, TEXAS 75080		² OGRID Number 246083
		³ API Number 30 - 015-36806
⁴ Property Code 36538	⁵ Property Name 36 STATE	⁶ Well No. 001
⁹ Proposed Pool 1 LIVINGSTON RIDGE; DELAWARE - 39360		¹⁰ Proposed Pool 2

7 Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	36	22S	31E	C	660	N	1980	W	EDDY

8 Proposed 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

Additional Well Information

¹¹ Work Type Code NEW WELL	¹² Well Type Code OIL	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code STATE	¹⁵ Ground Level Elevation 3488
¹⁶ Multiple N	¹⁷ Proposed Depth 6100	¹⁸ Formation DELAWARE	¹⁹ Contractor TBD	²⁰ Spud Date TBD

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 5	13 375	48#	700	638	0
11	8 625	32#	4300	1240	0
7 875	5.5	17#	6100	400	3700
5.5	3 5	9.2#	5000	0	0

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

The 3.5" tubing string will be an injection string.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: Jose L. Velez

Title: Regulatory Affairs

E-mail Address: josev@reefogc.com

Date: 03/24/2009

Phone: 972-437-6792

OIL CONSERVATION DIVISION

Approved by:

Title

Approval Date:

Expiration Date:

Conditions of Approval Attached ☐

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 REEF EXPLORATION, L.P. 1901 N CENTRAL EXPRESSWAY RICHARDSON, TX 75080		2. OGRID Number 246083
		3. API Number 30-015-36806
4. Property Code 36538	5. Property Name 36 STATE	6. Well No 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	36	22S	31E	C	660	N	1980	W	EDDY

8. Pool Information

LIVINGSTON RIDGE, DELAWARE	39360
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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 3488
14. Multiple N	15. Proposed Depth 6100	16. Formation Delaware	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit Liner Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume 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	17.5	13.375	48	700	638	0
Int1	13.375	9.625	40	4300	1240	0
Int2	7.875	5.5	17	6100	400	3700
Prod	5.5	3.5	9.2	5000	0	0

Casing/Cement Program: Additional Comments

The 3.5" tubing string will be an injection string.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	TBD

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 NMOCB guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan.	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Jose L. Velez	Approved By: Tim Gum
Title: Regulatory Affairs Manager	Title: District Supervisor
Email Address: josev@reefogc.com	Approved Date: 12/18/2008 Expiration Date: 12/18/2010
Date: 12/16/2008	Phone: 972-437-6792

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

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1901 W. Grand Avenue, Artesia, NM 88210

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1000 Rio Braxon Rd., Artec, NM 87410

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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Frances Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-		Pool Code 96149	Pool Name LIVINGSTON RIDGE DELAWARE, SE
Property Code 36538	Property Name STATE "36"		Well Number 1
OGRID No. 246083	Operator Name REEF EXPLORATION, L.P.		Elevation 3488'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	36	22 S	31 E		660	NORTH	1980	WEST	EDDY

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

	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <h3 style="text-align: center; margin: 0;">OPERATOR CERTIFICATION</h3> <p style="font-size: small; margin: 5px 0;">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.</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="text-align: center;"> Signature </div> <div style="text-align: center;"> 5/15/07 Date </div> </div> <div style="margin-top: 10px;"> Colleen Germany Printed Name </div> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <h3 style="text-align: center; margin: 0;">SURVEYOR CERTIFICATION</h3> <p style="font-size: small; margin: 5px 0;">I hereby certify that the well location shown on this plat was plotted from field notes ofveys made by me or under my name and that the same is true and to the best of my belief.</p> <p style="text-align: right; font-size: large; margin-top: 10px;">May 25, 2007</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="text-align: center;"> Date of Survey </div> <div style="text-align: center;"> LVA </div> </div> <div style="margin-top: 10px;"> Signature & Seal of Professional Surveyor </div> <div style="text-align: center; margin-top: 10px;"> W.O. Num. 2007-0568 </div> <div style="text-align: center; margin-top: 10px;"> Certificate No. MACON McDONALD 12185 </div> </div>
<p style="margin: 0;">NOTE:</p> <p style="margin: 5px 0;">1) Plane Coordinates shown hereon are Transverse Mercator Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum of 1927. Distances shown hereon are mean horizontal surface values.</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <h3 style="text-align: center; margin: 0;">Plane Coordinate</h3> <p style="margin: 5px 0;">X = 685,333.9</p> <p style="margin: 5px 0;">Y = 492,762.8</p> <h3 style="text-align: center; margin: 0;">Geodetic Coordinate</h3> <p style="margin: 5px 0;">Lat. 32°21'11.85" N</p> <p style="margin: 5px 0;">Long. 103°43'59.39" W</p> <p style="margin: 5px 0;">(NAD '27)</p> </div>



MAR 31 2009

Wednesday, March 25, 2009

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1301 W. Grand Avenue
Artesia, NM 88210

Re: **Amended C-101**
36 State #001
API #30-015-36806
Livingston Ridge; Delaware

Gentlemen,

Please find enclosed an original and signed amended C-101 for the above referenced well. We have made changes to the casing program to reflect a more appropriate design.

If you need any other information or have questions, please contact me directly at 972-437-6792 or by email at josev@reefogc.com.

Regards,

A handwritten signature in black ink, appearing to be "Jose L. Velez", written over a horizontal line.

Jose L. Velez
Regulatory Affairs

Enclosures

REEF OIL & GAS PARTNERS, L.P.
REEF EXPLORATION, L.P.

1901 N Central Expy, Ste 300 • Richardson, TX 75080
(972) 437-6792 • Fax: (972) 994-0369
Toll Free: (877) 915-7333 • www.reefogc.com