

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 237447

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

1. Operator Name and Address REMNANT OIL OPERATING, LLC PO Box 5375 Midland, TX 79704		2. OGRID Number 370922
4. Property Code 317554		3. API Number 30-015-44440
5. Property Name NORTH SQUARE LAKE UNIT		6. Well No. 206

7. Surface Location

UL - Lot K	Section 32	Township 16S	Range 31E	Lot Idn K	Feet From 1650	N/S Line S	Feet From 2310	E/W Line W	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot K	Section 32	Township 16S	Range 31E	Lot Idn K	Feet From 1650	N/S Line S	Feet From 2310	E/W Line W	County Eddy
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9. Pool Information

SQUARE LAKE; GRAYBURG-SAN ANDRES	0
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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 3888
16. Multiple N	17. Proposed Depth 4650	18. Formation San Andres	19. Contractor	20. Spud Date 12/31/2017
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	460	300	
Prod	7.875	5.5	15.5	4650	700	

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	2000	CAMERON OR EQ

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 Everett W Gray II Title: President Email Address: will@remnantoil.com Date: 9/19/2017 Phone: 432-242-4965	OIL CONSERVATION DIVISION Approved By: Raymond Podany Title: Geologist Approved Date: 9/22/2017 Expiration Date: 9/22/2019 Conditions of Approval Attached
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Santa Fe, NM 87505

Form C-102
 August 1, 2011
 Permit 237447

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-44440	2. Pool Code	3. Pool Name SQUARE LAKE; GRAYBURG-SAN ANDRES
4. Property Code 317554	5. Property Name NORTH SQUARE LAKE UNIT	6. Well No. 206
7. OGRID No. 370922	8. Operator Name REMNANT OIL OPERATING, LLC	9. Elevation 3888

10. Surface Location

UL - Lot K	Section 32	Township 16S	Range 31E	Lot Idn K	Feet From 1650	N/S Line S	Feet From 2310	E/W Line W	County Eddy
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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 40.00				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

<!-- Simplified representation of the well location grid -->	OPERATOR CERTIFICATION <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> E-Signed By: Everett W Gray II Title: President Date: 9/19/2017 SURVEYOR CERTIFICATION <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> Surveyed By: JERRY JEFFRIES Date of Survey: 4/11/2017 Certificate Number: 8336
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Form APD Comments

Permit 237447

PERMIT COMMENTS

Operator Name and Address: REMNANT OIL OPERATING, LLC [370922] PO Box 5375 Midland, TX 79704		API Number: 30-015-44440
		Well: NORTH SQUARE LAKE UNIT #206

Created By	Comment	Comment Date
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Form APD Conditions

Permit 237447

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: REMNANT OIL OPERATING, LLC [370922] PO Box 5375 Midland, TX 79704		API Number: 30-015-44440
		Well: NORTH SQUARE LAKE UNIT #206

OCD Reviewer	Condition
RPodany	Cement is required to circulate on both surface and production strings of casing