

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-101
May 27, 2004



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

Submit to appropriate District Office

NOV 19 2007

OCD-ARTESIA ☐ AMENDED REPORT

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

¹ Operator Name and Address Nearburg Producing Company 3300 N A St., Bldg 2, Ste 120, Midland, TX 79705		² OGRID Number 015742
⁴ Property Code		³ API Number 30- 015-34316
⁵ Property Name Red Lake 32 State G		⁶ Well No. 1
⁹ Proposed Pool 1 Red Lake, San Andres		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no G	Section 32	Township 17S	Range 27E	Lot. Idn	Feet from the 1750	North/South Line North	Feet from the 1650	East/West line East	County Eddy
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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
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Additional Well Location

¹¹ Work Type Code Plugback	¹² Well Type Code 0	¹³ Cable/Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3452
¹⁶ Multiple No	¹⁷ Proposed Depth 3700'	¹⁸ Formation San Andres	¹⁹ Contractor Mesa	²⁰ Spud Date 12/1/07
Depth to ground water		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mls thick Clay <input type="checkbox"/> Pit Volume _____ bbls Drilling Method.				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4	8-5/8	32#	1217	700	Surface
7-7/8	5-1/2	17#	3511	525	Surface

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.

NPC proposees to plugback the subject per attached procedure.

²³ 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 guidelines ☐ a general permit ☐, or an (attached) alternative OCD approved plan ☐.
Signature:

Printed name: Sarah Jordan

Title: Production Analyst

E-mail Address: sjordan@nearburg.com

Date: 11.16.07

Phone: 432/686-8235 x 203

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT

Title:

DISTRICT II GEOLOGIST

Approval Date: NOV 26 2007

Expiration Date: NOV 26 2008

Conditions of Approval:

Attached ☐

State of New Mexico

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 97253	Pool Name Red Lake: San Andres
Property Code	Property Name RED LAKE 32 STATE H	Well Number 1
OGRIID No. 015742	Operator Name NEARBURG PRODUCING COMPANY	Elevation 3501'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	32	17-S	27-E		1650	NORTH	330	EAST	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 40	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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Gordon</i> Printed Name: <i>Gordon</i> Title: <i>Prod Analyst</i> Date: <i>9-26-05</i>
	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. SEPTEMBER 9, 2005 Date Surveyed: <i>9/9/05</i> Signature & Seal of Professional Surveyor: <i>GARY EIDSON</i> Certificate No.: <i>05-11-1387</i> 12641
	GEODETIC COORDINATES NAD 27 NME Y=652327.6 N X=512615.4 E LAT.=32°47'36.00" N LONG.=104°17'32.21" W

RECOMMENDED PROCEDURE:

- 1 POH with rods & pump
- 2 ND wellhead and NU BOP
- 3 POH with tubing
- 4 RU wireline and RIH with Gauge Ring/GR-Collar log Run GR-Collar log from 2800' back to 1800' **All wireline work to be done under a 5000# lubricator.**
- 5 RIH with CIBP on wireline and set CIBP @ 2700 Correlate depth to Schlumberger Three Detector Litho-Density Compensated Neutron log dated 3-8-2006
- 6 Dump bail 35' cmt on top of CIBP
- 7 RIH with tubing open ended to 2600
- 8 Load hole using 2% KCl water and test CIBP to 2000#
- 9 Pickle tubing using 300 gals Xylene and 750 gals 15% NeFeHCl Circulate out annulus to clean casing Use 2% KCl water with 1 gpt Claymaster for displacement and to circulate out hole
- 10 Swab well down to 700'
- 11 POH with tubing
- 12 RU wireline RIH with casing gun and Perf from 1949-1952, 1958-1960, 1975-1978, 2041-2042, 2045-2046, 2103-2106, and 2111-2113 with 1 SPF - 22 shots total Correlate depth to Schlumberger Three Detector Litho-Density Compensated Neutron log dated 3-8-2006 **All wireline work to be done under a 5000# lubricator.**
- 13 RIH with packer and tubing to 1850 and set packer at 1850
- 14 Acidize with 1250 gals 15% NeFeHCl using 44 ball sealers as follows
 - 250 gals acid
 - drop 11 balls
 - 250 gals acid
 - drop 11 balls
 - 250 gals acid
 - drop 11 balls
 - 250 gals acid
 - drop 11 balls
 - 250 gals acid
 - drop 11 balls
 - 250 gals acidFlush to bottom perf using 2% KCl water with 1 gpt Claymaster
- 15 Swab well to recover load - approximately 67 barrels load
- 16 Unseat packer and POH with tubing and packer
- 17 ND BOP and NU Frac Valve
- 18 Frac down casing - pump 50 bpm as follows
 - Stage 1 27,000 gals Lightning 2000 pad
 - Stage 2 9,000 gals Lightning 2000 with 1 lbm/gal Exel 20/40 Resin coated propanat
 - Stage 3 15,000 gals Lightning 2000 with 2 lbm/gal Exel 20/40 Resin coated propanat
 - Stage 4 15,000 gals Lightning 2000 with 3 lbm/gal Exel 20/40 Resin coated propanat
 - Stage 5 4,000 gals Lightning 2000 with 4 lbm/gal Exel 20/40 Resin coated propanat
 - Stage 6 1904 gals 20# Linear Gel Flush to flush to top perfShut down and record ISDP
 - Total Fluid 71,900 gals
 - Total Propanat 100,000 lbs
- 19 Shut well in over night to allow the resin coated propanat to cure
- 20 Flow back well
- 21 ND Frac Valve and NU BOP
- 22 RIH with production tubing
- 23 ND BOP
- 24 RIH with pump and rods
- 25 Load and test tubing Return to production