

State of New Mexico
Energy, Minerals & Natural Resources

Form C-101

March 4, 2004

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

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

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

RECEIVED
SEP - 9 2005
OCD-ARTESIA

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
		³ API Number 30- 15-28885
⁴ Property Code	⁵ Property Name Osage Boyd 15	⁶ Well No. 5

⁷Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	15	19S	25E		660	South	660	West	Eddy

⁸Proposed 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
⁹ Proposed Pool 1 Undesignated: Wolfcamp					¹⁰ Proposed Pool 2				

Drilling Pit Location and Other Information

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	15	19S	25E		660	South	1980	West	Eddy
Depth to ground water				Distance from nearest fresh water well			Distance from nearest surface water		
¹¹ Work Type Code Plugback		¹² Well Type Code O or G		¹³ Cable/Rotary		¹⁴ Lease Type Code State		¹⁵ Ground Level Elevation 3470	
¹⁶ Multiple No		¹⁷ Proposed Depth 8350		¹⁸ Formation Wolfcamp		¹⁹ Contractor Lucky		²⁰ Spud Date 10/1/05	

²¹Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14-3/4	9-5/8	36	1115	950	NA
8-3/4	7	23 & 26	8350	1505	NA
All csg is existing					

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.

Propose to plugback the well to evaluate the Wolfcamp formation. Perf. test and stimulate as necessary to establish production.

See attached procedure.

If an earthen pit(s) will be utilized in association with this work, a permit must be obtained prior to pit construction.

²³ I hereby certify that the information given above is true and complete to 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: 9/1/05

Phone: 432/686-8235 x 203

ION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval:

Attached ☐

SEP 14 2005

Expiration Date: SEP 14 2006

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-28885	Pool Code	Pool Name Undesignated Wellcamp
Property Code	Property Name OSAGE BOYD "15"	Well Number 5
OGRID No. 15742	Operator Name NEARBURG PRODUCING COMPANY	Elevation 3470.

¹⁰ Surface Location

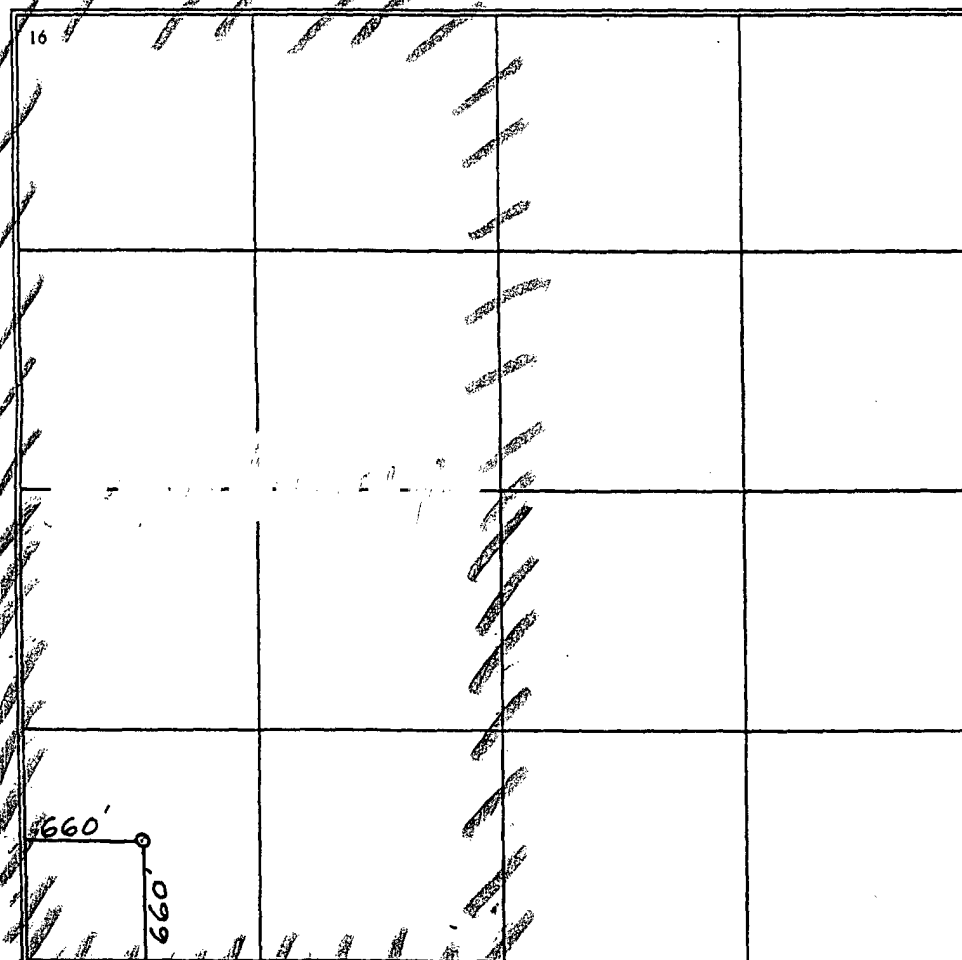
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	15	19-S	25-E		660	SOUTH	660	WEST	EDDY

¹¹ 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

¹² Dedicated Acres 320	¹³ Joint or Infill N	¹⁴ Consolidation Code N/A	¹⁵ Order No.
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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><p>16</p></div>	<div><p>¹⁷ OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p><p><i>[Signature]</i> Signature S Jordan Printed Name Prod Analyst Title 9.1.05 Date</p></div>
	<div><p>¹⁸ 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>FEBRUARY 25 1996 Date of Survey DAN R. EDDY Signature and Seal NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 5412 Certificate Number NM PE&PS NO. 5412</p></div>

CURRENT EQUIPMENT DESCRIPTION:**RECOMMENDED PROCEDURE:**

Wolfcamp

- 1) MIRU pulling unit. ND wellhd & NU BOP. MI & unload 7,000' 2-3/8" 4.7# N-80 tubing.
- 2) RU WL. RIH w 4" casing gun loaded w/ 19 gram charges (.46 EHD & 20.76 PEN) and perforate the Wolfcamp formation 6,967-6,976', 4 spf (as per Schlumberger Platform Express Compensated Neutron Litho-Density / GR dated 5/11/96). RD WL.
- 3) PU 7" 10K pkr w/ on-off tool & profile nipple & RIH w/ 2-3/8" tbg to 6,920'. Test tbg to 7,500 psi GIH. Set packer @ 6,920'. Unlatch from on-off tool & circ inhibited packer fluid to surface. Latch back onto on-off tool. ND BOP & NU tree.
- 4) Swab / flow test well.
- 5) If stimulation necessary, MIRU BJ Services. Install tree saver & break down and acidize the Wolfcamp 6,967-6,976' with 3,000 gals 20% gelled NEFE acid w/ 36 ball sealers as follows:
 - a) Pump 500 gals 20% gelled NEFE acid.
 - b) Drop 6 - 7/8", 1.3 sg ball sealers.
 - c) Pump 500 gals 20% gelled NEFE acid
 - d) Drop 6 - 7/8", 1.3 sg ball sealers.
 - e) Continue with stages until acid pumped.
 - f) Flush w/ 1,217 gals 2% KCL water.
 Ant. 6 BPM @ 2,964 psi. Max pressure 4,500 psi.
- 6) Remove tree saver & RD BJ Services. Swab & flow test well.
- 7) If well is productive in the Wolfcamp zone, turn well to production. If well is not productive, see procedure for recompleting the well in the Glorieta / Yeso.

Fluid specifications (per 1,000 gallons)**Acid: 20% gelled NEFE**

-6 gpt	Ferrotrol 280L	Iron Control Product
-5 gpt	Acigel	Gelling Agent
-3 gpt	NE-23	Iron Control Product
-1 gpt	CI-25	Non-Emulsifier