

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

SEP 24 2007

Submit to appropriate District Office

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	⁵ Property Name South Boyd 27	³ API Number 30- 15-28801
⁹ Proposed Pool 1 North Seven Rivers Glorieta/ Yeso		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
M	27	19S	25E		820	South	990	West	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 Location

¹¹ Work Type Code Plugback	¹² Well Type Code 0	¹³ Cable/Rotary	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 3458
¹⁶ Multiple N	¹⁷ Proposed Depth 7975	¹⁸ Formation Glorieta/ Yeso	¹⁹ Contractor Mesa	²⁰ Spud Date 9/1/07
Depth to ground water		Distance from nearest fresh water well		Distance from 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 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
14-3/4	9-5/8	36	1136	1050	Surface
8-3/4	7	23 & 26	7975	1300	TOC 70'
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 Glorieta/ Yeso formation. Perf. test and stimulate as necessary to establish production.

See 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: *Sarah Jordan*
Printed name: Sarah Jordan

Title: Production/ Regulatory Analyst

E-mail Address: sjordan@nearburg.com

Date:

8/24/07

Phone:

432/686-8235

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARANT

Title: DISTRICT II GEOLOGIST

Approval Date:

SEP 24 2007

Expiration Date:

SEP 24 2008

Conditions of Approval:

Attached ☐

See COA

District I

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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. Francis 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

¹ API Number 3001528801	² Pool Code 1	³ Well Name N. Seven Rivers / Glorieta / Liso
⁴ Property Code South Baya	⁵ Property Name 27	⁶ Well Number 5
⁷ OGRID No. 15742	⁸ Operator Name Nearburg Producing Company	⁹ Elevation 3458

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	27	19S	25E		820	S	990	W	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 40	¹³ Joint or Infill	¹⁴ Consolidation Code	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.

¹⁶ 	¹⁷ 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 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. Signature: <u>[Signature]</u> Date: _____ Printed Name: <u>Stardom</u>	
	¹⁸ 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. Date of Survey: _____ Signature and Seal of Professional Surveyor: _____ Certificate Number: _____	

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

¹ API Number 30-01528801	² Pool Code 15472	³ Pool Name Dagger Draw; Upper Penn, North
⁴ Property Code SOUTH BOYD 27 COM	⁵ Property Name NEARBURG PRODUCING COMPANY	⁶ Well Number 5
⁷ OGRID No. 15742	⁸ Operator Name NEARBURG PRODUCING COMPANY	⁹ Elevation 3458.

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	27	19-S	25-E		820	SOUTH	990	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 160	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

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Matthew Lee Signature Matthew Lee Printed Name Production Supt. Title 1-24-96 Date	
	¹⁸ 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. JANUARY 23, 1996 Date of Survey R. REDDY Signature and Seal of Professional Surveyor: Certificate Number NM. P.S.D.S. 5412	

RECOMMENDED PROCEDURE:

Both the Upper Perm and Glorieta/Yezo are BAD GAS zones (H₂S at hazardous levels)

1) MIRU PU. ND WH WU BOP.

2) Test well to 500# to insure plug is in place and holding (may want to record a chart).

3) PU & RIH w/2-7/8" tbg to 7590' and tag TOC. PU and circulate the hole with abandonment mud to 3500'. POH w/tbg.

6480'

3946'

4) RU JSI to set a CIBP @ 5700' and cap it w/35' cmt. PUH to 3500' and set another CIBP w/35' cmt cap. Have JSI run CBL from 3500' to surface w/500# on casing.

5) Depending on CBL determine max Frac pressure and test casing to that pressure.

6) Have JSI perf the following intervals at 2 spf phased 180 degrees with premium charges:

2341'	2343'	2345'	2366'	2370'	2384'	2390'
2397'	2402'	2423'	2433'	2482'	2487'	2491'
2500'	2502'	2523'	2530'			

Correlate to Schlumberger "Platform Express Density/Neutron" log dated 22-FEB-1996 (run one - main pass). All perforating to be done under 3000# lubricator.

7) RIH w/new 2-7/8" J-55 tbg and a 7" trtg pkr. Set pkr @ 2275'+/-.

8) RU BJ to acidize the perforations with 15% HCL @ 4 to 6 bpm (P_{max}=5,000#) as follows:

Stage	Fluid	Vol	7/8" 1.3 Balls	Cum Vol (g)
1	15% NEFE HCL	250g		250g
2			10 balls	
3	15% NEFE HCL	250g		500g
4			10 balls	
5	15% NEFE HCL	250g		750g
6			10 balls	
7	15% NEFE HCL	250g		1000g
8			10 balls	
9	15% NEFE HCL	250g		1250g
10			10 balls	
11	15% NEFE HCL	250g		1500g
12	Flush to btm perf w/2% KCL			

If job balls out surge balls and pump remaining acid. Get ISIP/5 min/10 min/15 min SIP. Break down BJ Iron. Let acid spend for 1 to 1.5 hrs.

9) Flow back. Release trtg pkr & POH w/tbg and pkr.

10) Frac well as follows at 60 bpm:

Stage	Fluid	Vol(g)	ppg	Prop	Stage#	Cum#'s
1	Slick 10#	20,500	PAD			
2	Slick 10#	2,000	.5	20/40	1,000	1,000
3	Slick 10#	20,000	.1	LiteProp 14/30	2,000	3,000
4	Slick 10#	20,000	.2	LiteProp 14/30	4,000	7,000
5	Slick 10#	20,000	.3	LiteProp 14/30	6,000	13,000
6	Slick 10#	5,000	.5	SLC 20/40	2,500	15,500
7	Slick 10#	5,000	.75	SLC 20/40	3,750	19,250
8	Slick 10#	5,000	1	SLC 20/40	5,000	24,250
9	Slick 10#	5,000	1.5	SLC 20/40	7,500	31,750

COA