

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

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

<sup>1</sup> Operator Name and Address Nearburg Producing Company 3300 N A St.. Bldg 2. Ste 120, Midland, TX 79705		<sup>2</sup> OGRID Number 015742
<sup>4</sup> Property Code 27040		<sup>3</sup> API Number 30- 025-35379
<sup>5</sup> Property Name Grama Ridge 23 State		<sup>6</sup> Well No. 1

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	23	21S	34E		660	North	1260	East	Lea

<sup>8</sup> 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
<sup>9</sup> Proposed Pool 1 Wilson Penn South Undesignated; Strawn						<sup>10</sup> 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
Depth to ground water				Distance from nearest fresh water well			Distance from nearest surface water		
<sup>11</sup> Work Type Code Plugback		<sup>12</sup> Well Type Code G		<sup>13</sup> Cable/Rotary		<sup>14</sup> Lease Type Code S		<sup>15</sup> Ground Level Elevation 3679	
<sup>16</sup> Multiple No		<sup>17</sup> Proposed Depth 12920		<sup>18</sup> Formation Strawn		<sup>19</sup> Contractor		<sup>20</sup> Spud Date 4/25/05	

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2	13-3/8	68	1276	955	Surface
12-1/4	9-5/8	40	5400	2700	Surface
8-3/4	7	23 & 26 & 29	11622	400	9500
6-1/8	4-1/2 liner	13.5	12914	180	
All Existing					

<sup>22</sup> 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 Strawn formation. Perf. test and stimulate as necessary to establish production.

See attached procedure.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Plugback

<sup>23</sup> 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 NMOCD guidelines ☒ a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature: *Sarah Jordan*

Printed name: Sarah Jordan

Title: Production Analyst

E-mail Address: sjordan@nearburg.com

Date: 4/14/05

Phone: 432/686-8235 x 203

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: APR 20 2005

Conditions of Approval:

Attached ☐

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35379	Pool Code 87520	Pool Name Wilson Penn South Undesignated; Strawn
Property Code 27040	Property Name GRAMA RIDGE "23" STATE	Well Number 1
OGRID No. 15742	Operator Name NEARBURG PRODUCING COMPANY	Elevation 3679

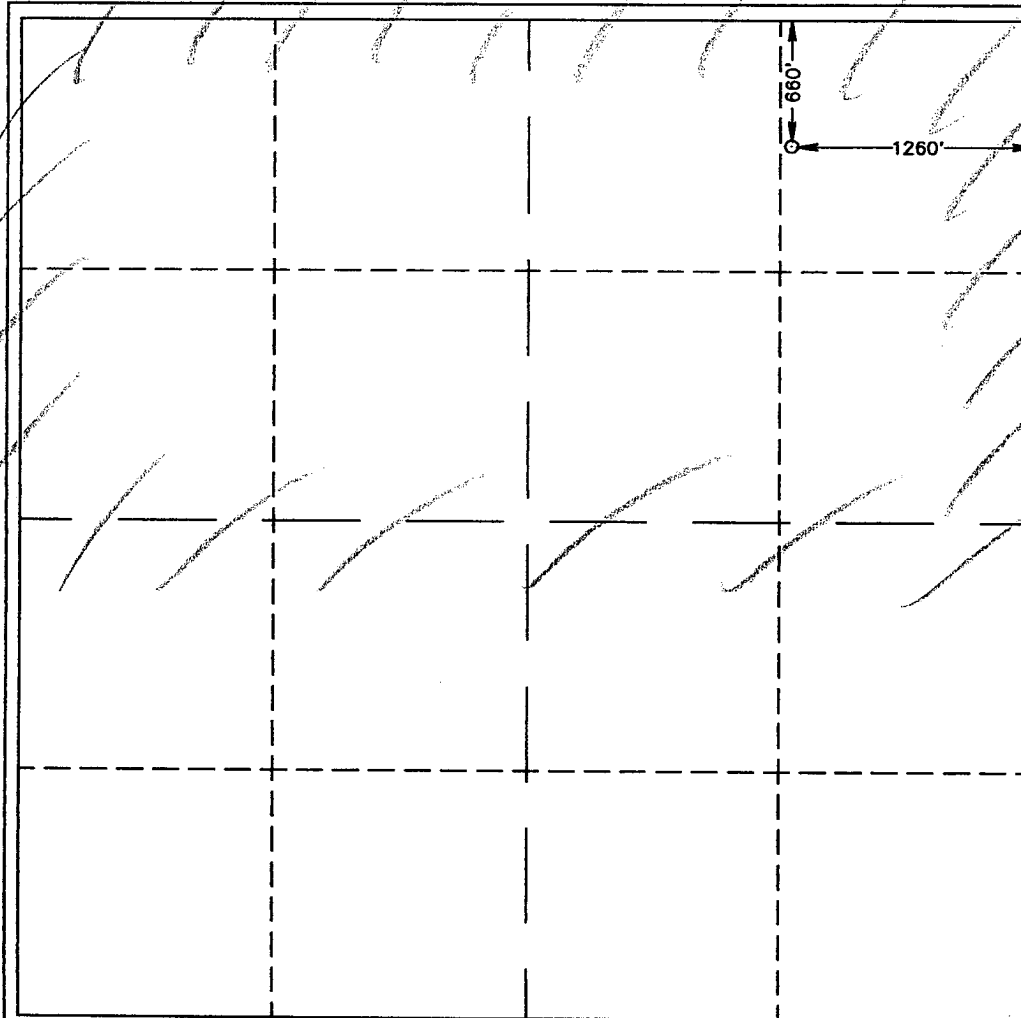
Surface Location

UL or lot No. A	Section 23	Township 21 S	Range 34 E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 1260	East/West line EAST	County LEA
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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



OPERATOR CERTIFICATION

I hereby certify the the information  
contained herein is true and complete to the  
best of my knowledge and belief.

Signature  
Sarah Jordan  
Printed Name  
Prod Analyst  
Title  
4/14/05  
Date

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.

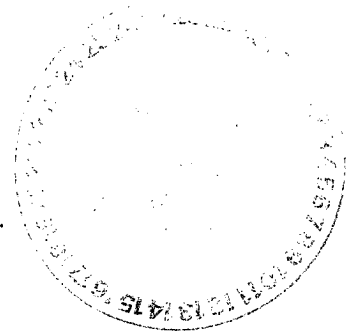
OCTOBER 20, 2000

Date Surveyed  
Signature & Seal of  
Professional Surveyor  
RONALD J. EDSON  
W.O. Num. 00-1181312  
Certificate No. RONALD J. EDSON, 3239  
GARY C. EDSON, 12641

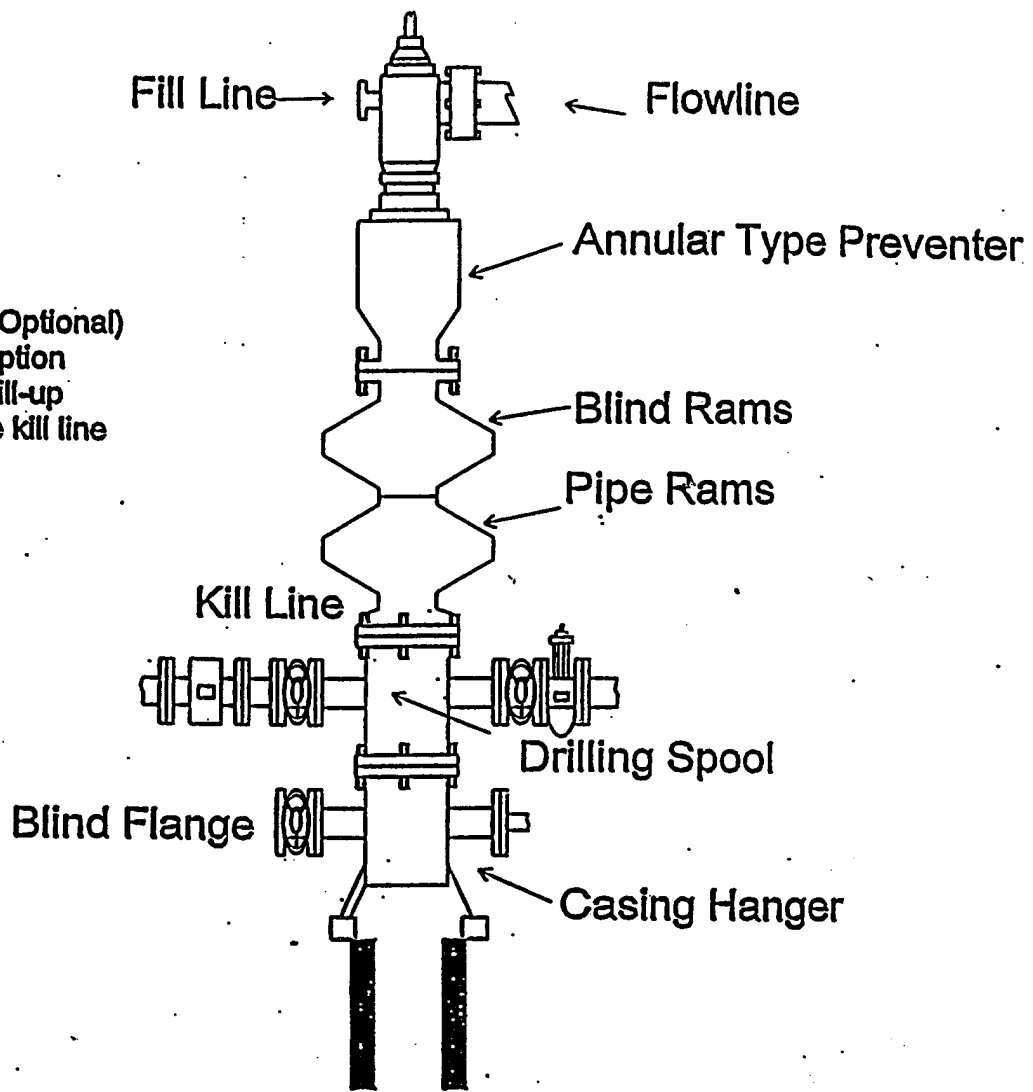
**CURRENT EQUIPMENT DESCRIPTION:**

**RECOMMENDED PROCEDURE:**

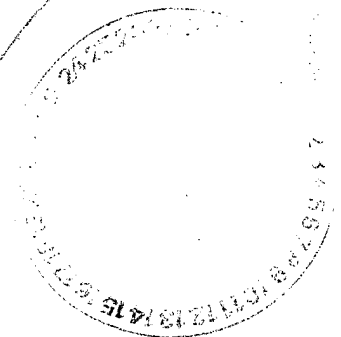
- 1) MIRU PU. Kill well w/2% KCL w/.5 gpt Claymaster 5. ND WH NU BOP.
- 2) Release 2-3/8" X 4-1/2" 13.5# PLS 10K packer. POH w/2-3/8" 4.7# L-80 tbg.
- 3) RU JSI to RIH w/JB/GR/CCL/CBL to 12,672' (PBTD). POH & RIH w/4-1/2" CIBP to 12,475'. Set CIBP.  
**ALL e-line work to be done under 5,000# lubricator.** Dump 35' cmt on CIBP.
- 4) Perforate the following intervals using 3-3/8" premium charges loaded w/4spf phased 120 degrees:  
**11,630-40'**  
Correlate to Schlumberger's "Platform Express Three Lito-Density Detectors Compensated Neutron - NGT" dated 12-APR-2001. RD JSI.
- 5) RIH w/2-3/8" L-80 tbg testing to 8,000# w/trtg pkr to 11,550'. Set pkr.
- 6) Swab/flow well on gradually increasing the flow rates to allow well to clean up.
- 7) If some oil/gas is recovered and results indicate that further stimulation is required the RU BJ to acidize the formation w/1,000g 7.5% NEFE HCL dropping 60 balls as follows:  
250 g 7.5% NEFE  
drop 20 7/8" 1.3 balls  
250 g 7.5% NEFE  
drop 20 7/8" 1.3 balls  
250 g 7.5% NEFE  
drop 20 7/8" 1.3 balls  
250 g 7.5% NEFE  
Flush to top perf w/2% KCL w/.5 gpt Claymaster 5.  
RD BJ.
- 8) Flow back acid load and report results to Matt Lee and Brian Huzzey.
- 9) Production equipment will be designed based on swab/flow back results.



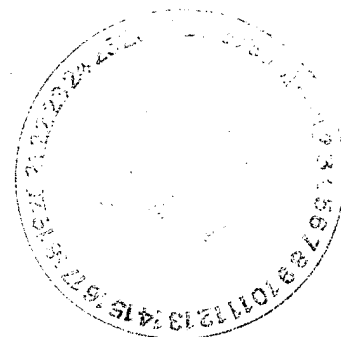
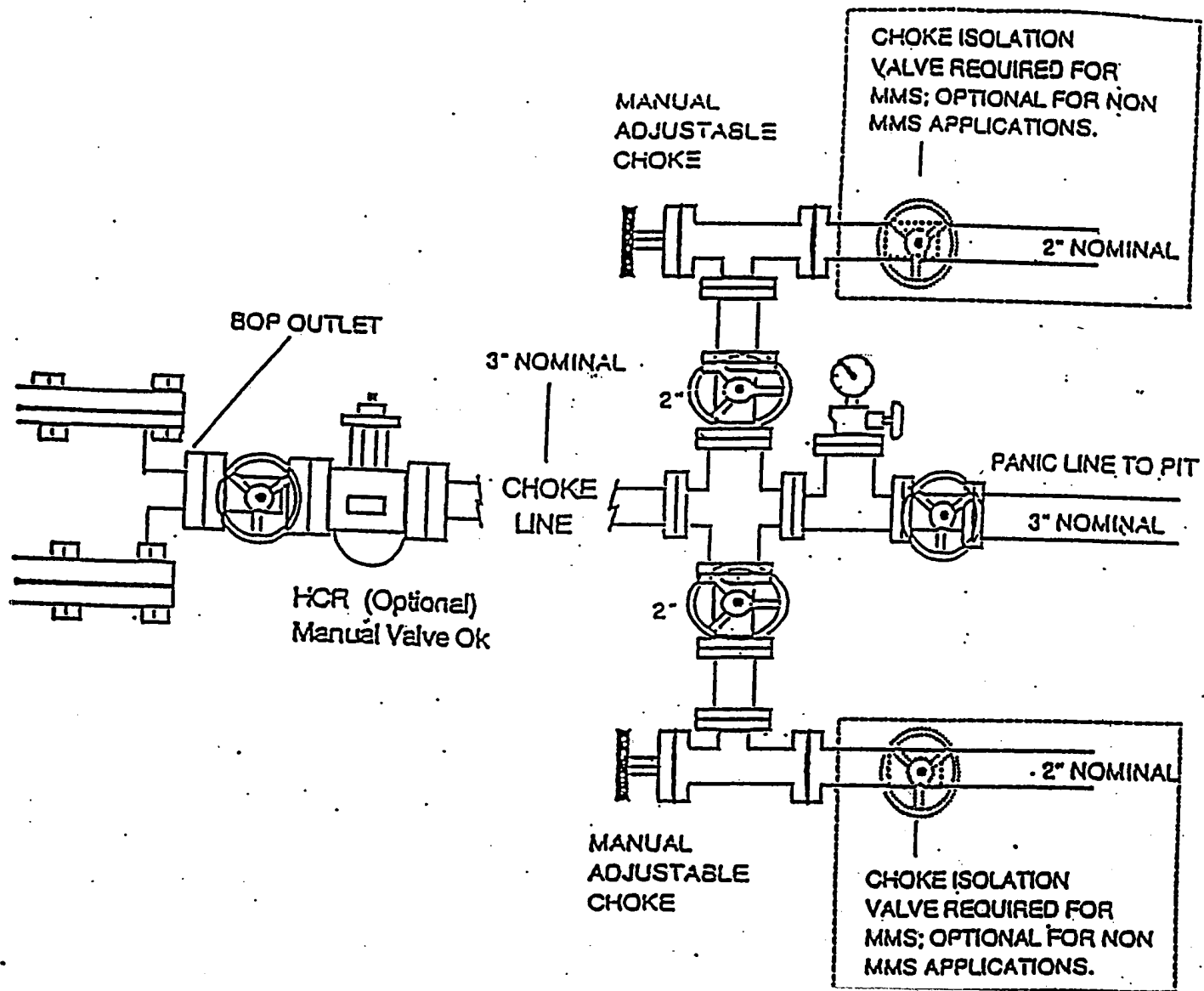
Rotating Head (Optional)  
Drilling Nipple option  
must include a fill-up  
line. Do not use kill line  
for fill up.



1500 Series



ARBURG PRODUCING COMPANY  
CHOKE MANIFOLD  
5M SERVICE



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

State of New Mexico  
Energy, Minerals and Natural Resources

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

Form C-144  
March 12, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office.

### Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: <u>Nearburg Producing Company</u> Telephone: <u>686-8235</u> e-mail address: <u>sjordan@nearburg.com</u>				
Address: <u>3300 N A St., Bldg 2, Ste 120, Midland, TX 79705</u>				
Facility or well name: <u>Grama Ridge 23 St #1</u> API #: <u>30-025-35379</u> U/L or Qtr/Qtr <u>S</u> Sec <u>23</u> T <u>21S</u> R <u>34E</u>				
County: <u>Lea</u> Latitude _____ Longitude _____ NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/> Surface Owner Federal <input type="checkbox"/> State <input checked="" type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>				
<table border="1"> <tr> <td> <b>Pit</b>  Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/>  Workover <input checked="" type="checkbox"/> Emergency <input type="checkbox"/>  Lined <input checked="" type="checkbox"/> Unlimited <input type="checkbox"/>  Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Volume _____ bbl </td> <td> <b>Below-grade tank</b>  Volume: _____ bbl Type of fluid: _____  Construction material: _____  Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____ </td> </tr> </table>			<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input checked="" type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlimited <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Volume _____ bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____
<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input checked="" type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlimited <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Volume _____ bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____			
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (0 points) <b>X</b>			
Wellhead protection area. (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) No (0 points) <b>X</b>			
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (0 points) <b>X</b>			
Ranking Score (Total Points)		<b>0</b>		

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location:

onsite ☐ offsite ☐ If offsite, name of facility \_\_\_\_\_ (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 4/20/05

Printed Name/Title: Sarah Jordan, Production Analyst

Signature: 

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

**APR 20 2005**

Date:

**PETROLEUM ENGINEER**

Printed Name/Title: PAUL F. KAUTZ

Signature: 