

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

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address CHEVRON U.S.A. INC. 15 SMITH ROAD MIDLAND, TX 79705		<sup>2</sup> OGRID Number 4323
<sup>3</sup> Property Code 2606	<sup>4</sup> Property Name CENTRAL DRINKARD UNIT	<sup>5</sup> API Number 30 - 025-06891
<sup>9</sup> Proposed Pool 1 DRINKARD		<sup>6</sup> Well No. 158
<sup>9</sup> Proposed Pool 1 DRINKARD		<sup>10</sup> 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
C	29	21-S	37-E		660'	NORTH	1980'	WEST	LEA

**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
E	29	21-S	37-E		1420'	NORTH	340'	WEST	LEA

**Additional Well Information**

<sup>11</sup> Work Type Code P Horizontal	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary ROTARY	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3488'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 6660'	<sup>18</sup> Formation DRINKARD	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 06-03-2005
Depth to Groundwater		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"/> SEE ATTACHED C-144 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
NO CHANGE					

<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.

KICK OFF POINT - 6530'  
TOP OF WINDOW - 6530'  
BOTTOM OF WINDOW - 6540'  
TARGET INTERVAL - 6530'-6660'  
LENGTH OF LATERAL - 1810'

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Horizontal

<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 <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		<b>OIL CONSERVATION DIVISION</b>	
Printed name: DENISE PINKERTON <i>Denise Pinkerton</i>		Approved by: <i>[Signature]</i>	
Title: REGULATORY SPECIALIST		Title: <b>PETROLEUM ENGINEER</b>	
E-mail Address: LEAKEJD@CHEVRONTXACO.COM		Approval Date: <b>MAY 20 2005</b> Expiration Date:	
Date: 5-13-2005	Phone: 432-687-7375	Conditions of Approval Attached <input type="checkbox"/>	

FIELD: Drinkard  
LOC: 660 FNL & 1980 FWL  
TOWNSHIP: 21S  
RANGE: 37E

WELL DATA SHEET  
WELL NAME: Central Drinkard Unit # 158

SEC: 29  
COUNTY: Lea  
STATE: NM

GE: 3488'  
KB to GL:  
DF to GE: 3'

FORMATION: Drinkard  
CURRENT STATUS: Producing Oil Well  
API NO: 30-025-06891  
Chevno: FA7988

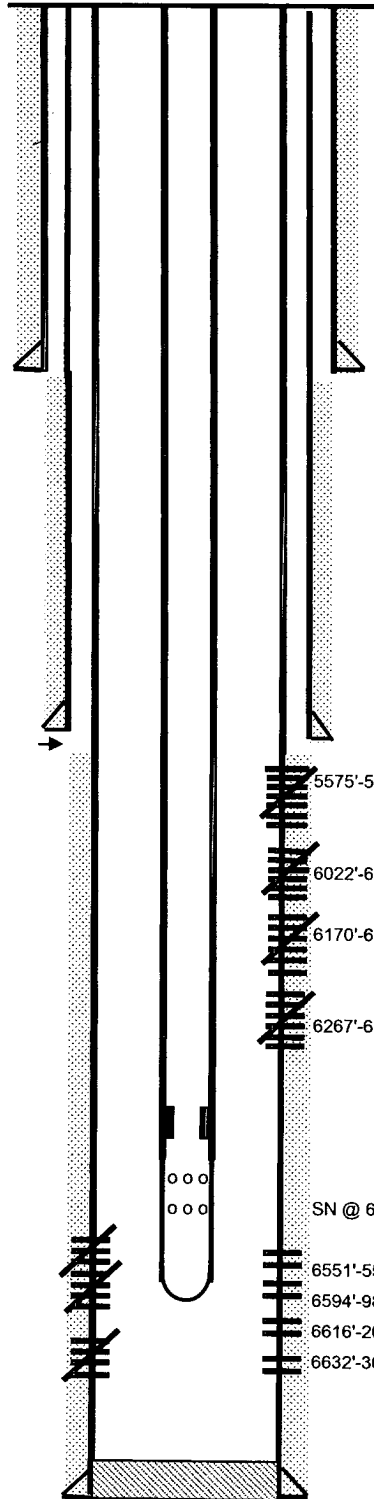
9-5/8" OD  
set @ 1239' w/ 220 sx  
TOC @ surface

7" OD, 24#, 10P Thd  
csg set @ 3670' w/ 175 sx  
TOC @ 1500' by calc.

219 JTS. 2-3/8" O.D., 4.70#  
8RD, EUE, J-55, CLA, TBG.

Original Drinkard Perfs @  
6361'-6442' & 6590'-6645'  
sqz'd w/ 250 sx cm

5" OD, 15#, Gr. J-55  
csg @ 6650' w/ 215 sks cmt  
TOC @ 4135' by calc



initial completion date: 12-16-38	Initial: Production
Initial Formation:	100 bopd
FROM: 3700	TO: 3810

**Completion data:**

Original completion 3700' - 3810', shot w/220 qts. Nitro.  
Orig TD @ 3810'. Cmt'd hole w/100 sx prior to Dpn'g to  
Drinkard zone.

**Subsequent Workover or Reconditioning:**

(12/29/75) Acidize new drinkard perfs w/ 5000 gals 15%  
NEA in 4 stages @ 4 BPM  
ISIP= 700#

(7/11/83) Frac drinkard w/ 27,000 gal gel and 32,250 #  
20/40 sand.

(11/17/83) Clean out frac sand

(4/90) Dump acid; 1000 gals 15% NEFE

5575'-5877' → Blinbry Perfs  
w/ 4-1/2 JHPF, sqz w/ 400 sx. CL "H" cmt

6022'-60' } Tubb Perfs  
w/ 4-1/2" JHPF  
6170'-6240' } Sqz w/ 250 sx. CL "H" CMT

6267'-6328' Tubbs Perfs sqz w/ ?

SN @ 6581'

6551'-55' }  
6594'-98' } DKR Perfs 4-1/2" JHPF  
6616'-20' }  
6632'-36' }

TD @ 6650'  
PBD @ 6648'

## WELL DATA SHEET

FIELD: Drinkard

WELL NAME: Central Drinkard Unit # 158H Proposed

FORMATION: Drinkard

LOC: 660 FNL &amp; 1980 FWL

SEC: 29

GE: 3488'

CURRENT STATUS: Producing Oil Well

TOWNSHIP: 21S

COUNTY: Lea

KB to GL:

API NO: 30-025-06891

RANGE: 37E

STATE: NM

DF to GE: 3'

Chevno: FA7988

9-5/8" OD

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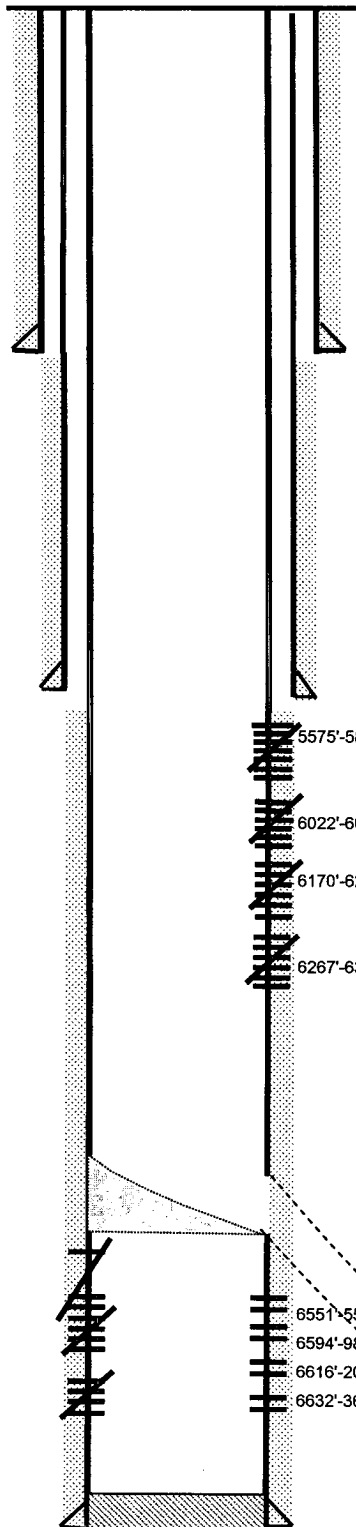
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5" OD, 15#, Gr. J-55

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Initial completion date: 12-16-38

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FROM: 3700 TO: 3810

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w/ 4-1/2 JHPF, sqz w/ 400 sx. CL "H" cmt

6022'-60' } Tubb Perfs  
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6170'-6240' } Sqz w/ 250 sx. Cl "H" CMT

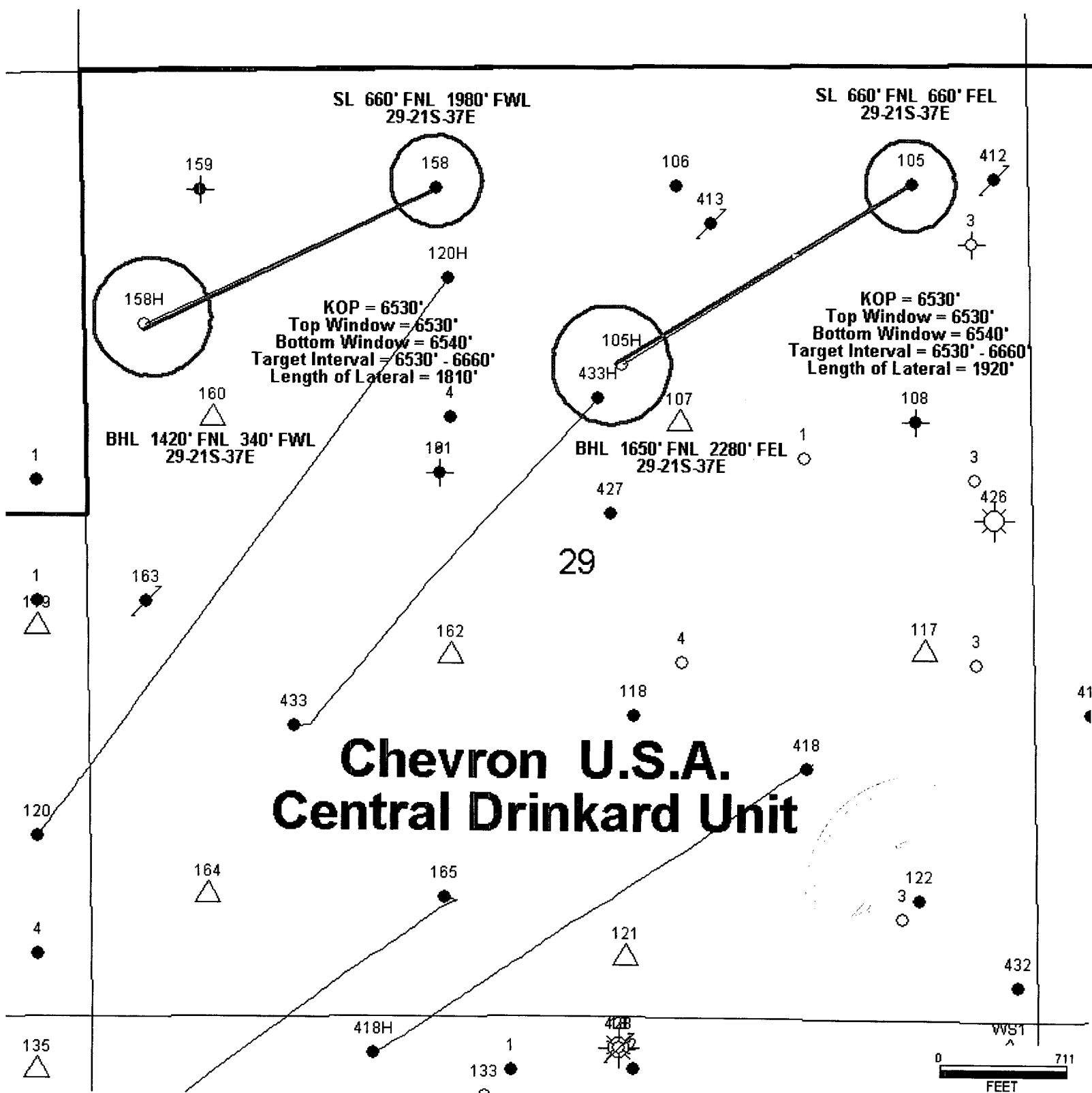
6267'-6328' Tubbs Perfs sqz w/ ?

TOW 6530'  
BOW 6540'  
Length lateral 1810'

6551'-55' }  
6594'-98' } DKR Perfs 4-1/2" JHPF  
6616'-20' }  
6632'-36' }

TD @ 6650'

PBD @ 6648'



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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 June 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-06891	<sup>2</sup> Pool Code 19190	<sup>3</sup> Pool Name DRINKARD
<sup>4</sup> Property Code 2606	<sup>5</sup> Property Name CENTRAL DRINKARD UNIT	<sup>6</sup> Well Number 158
<sup>7</sup> OGRID No. 4323	<sup>8</sup> Operator Name CHEVRON U.S.A. INC.	<sup>9</sup> Elevation

<sup>10</sup> Surface Location

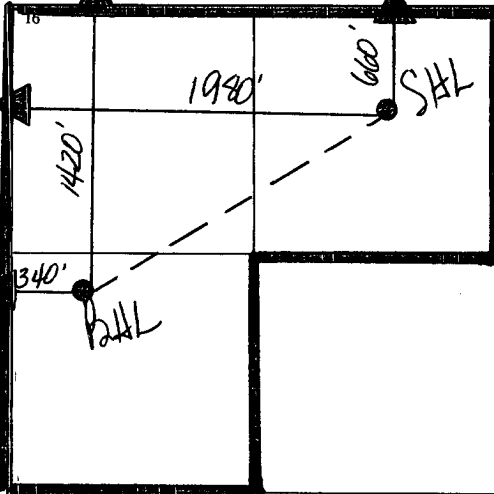
UL or lot no. C	Section 29	Township 21-S	Range 37-E	Lot Idn	Feet from the 660'	North/South line NORTH	Feet from the 1980'	East/West line WEST	County LEA
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no. E	Section 29	Township 21-S	Range 37-E	Lot Idn	Feet from the 1420'	North/South line NORTH	Feet from the 340'	East/West line WEST	County LEA
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<sup>12</sup> Dedicated Acres 120	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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



<sup>17</sup> OPERATOR CERTIFICATION

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

*Denise Pinkerton*

Signature

DENISE PINKERTON

Printed Name

REGULAROTY SPECIALIST LEAKEID@CHEVRONTXACO.COM

Title and E-mail Address

5-13-2005

Date

<sup>18</sup> 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

*In Unit*

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State of New Mexico  
Energy Minerals and Natural Resources

Form C-144  
June 1, 2004

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

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: CHEVRON U.S.A. INC. Telephone: 432-687-7375 -mail address: leakejd@chevrontexaco.com

Address: 15 SMITH ROAD ODESSA, TX 79705

Facility or well name: CENTRAL DRINKARD UNIT #158 API# 30-025-06891 U/L or Qtr/Qtr C Sec 29 T 21-S R 37-E HORIZONTAL E-29-21S-37E

County: LEA Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD: 1927 ☐ 1983 ☐

Surface Owner: Federal PRIVATE

**Pit**

Type: Drilling ☐ HORIZONTAL

Lined ☐

Liner type: Synthetic ☐ Thickness 20 mil Clay ☐

Pit Volume 1965 bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_

Construction material: \_\_\_\_\_

Double-walled, with leak detection? Yes ☐ If not, explain why not. \_\_\_\_\_

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

50 feet or more, but less than 100 feet

(10 points)

Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)

No

( 0 points)

Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)

1000 feet or more

( 0 points)

**Ranking Score (Total Points)**

10 POINTS

**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: (check the onsite box if you are burying in place) 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.

Additional Comments:

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: 05-16-2005

Printed Name/Title MARK GARZA DRILLING ENGINEER Signature Mark Garza

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:

Printed Name/Title

**PETROLEUM ENGINEER**

Signature [Signature]

Date: MAY 20 2005

Key #117 Pit Design

Cell #158 Horizontal

