

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> API Number 30 - 025-06898
<sup>4</sup> Property Code 2606	<sup>5</sup> Property Name CENTRAL DRINKARD UNIT	<sup>6</sup> Well No. 105
<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
A	29	21-S	37-E		660'	NORTH	660'	EAST	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
G	29	21-S	37-E		1650'	NORTH	2280'	EAST	LEA

**Additional Well Information**

<sup>11</sup> Work Type Code P <i>Horizontal</i>	<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 3484'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 6662'	<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 - 1920'

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 ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: DENISE PINKERTON

Title: REGULATORY SPECIALIST

E-mail Address: LEAKEJD@CHEVRONTXACO.COM

Date: 5-13-2005

Phone: 432-687-7375

**OIL CONSERVATION DIVISION**

Approved by:

Title:

Approval Date:

Expiration Date:

MAY 20 2005

Conditions of Approval Attached ☐

# WELL DATA SHEET

FIELD: Drinkard

LOC: 660 FNL, 660 FEL

TOWNSHIP: 21

RANGE: 37E

WELL NAME: Central Drinkard Unit # 105

SEC: 29

COUNTY: Lea

STATE: NM

GL: 3484'

KB to GL: 9'

DF to GL:

FORMATION: Drinkard

CURRENT STATUS: PR

API NO: 30-025-06898

Chevno: FA7995

Date Completed: 12-7-46	Initial: Production
Initial Formation: Clearfork	216 BOPD
FROM: 6550	TO: 6660

## Completion data:

(12-6-46) acidize w/ 1500gal acid

## Subsequent Workover or Reconditioning:

(4-29-61) frac Penrose Skelly Grayburg w/ 30000gal ref oil & 8500# sand in 4 stages, max P 8000#, AIR 13.5 BPM

(1-28-66) perf 3686-3789 sqz w/ 245 sx

(2-16-66) acidize Drk w/ 1500gal 15% NEA, max P 1800#, AIR 1.5 BPM, ISIP 1400#

(7-8-74) install ppg equip

(9-1-81) acidize w/ 750gal 15% NEFE

(6-3-83) frac w/ 32500# 20/40 sd

(7-19-83) clean out well

(4-19-84) clean out fill

(3-3-88) C/O OH from 6550-6660 & install 5-1/2" slotted liner to control cave-ins, TIH w/ tbg set @ 6631

(8-31-89) acidize w/ 1000gal 15% NEFE HCL w/ 35 bbl 8.6# flush

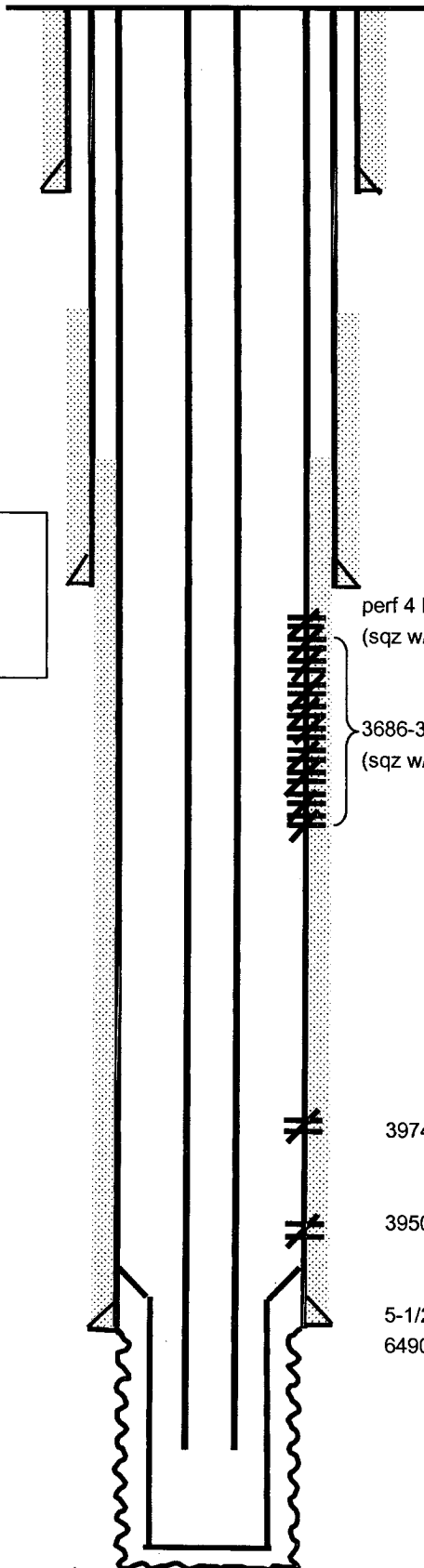
13-3/8" OD  
Set @ 300' w/ 300 sx  
TOC @ surface

9-5/8" OD, 36# J-55  
csg set @ 2881'  
w/ 1000 sx cmt  
TOC @ 1440' by calc.

## Tbg Detail:

210 jts 2-3/8" 4.7# J-55  
SN @ 6596'  
EOT @ 6632

7" OD, 23# Gr. N-80 & J-55  
csg @ 6550' w/ 250 sks cmt  
TOC @ 4730' by calc



perf 4 holes  
(sqz w/ 50 sx)

3686-3789  
(sqz w/ 245 sx)

3974 (sqz w/ 250 sx)

3950 (sqz w/ 50 sx)

5-1/2" Slotted liner  
6490' - 6658'

FILE: CDU105.XLS  
Updated: chay 12-30-03

TD @ 6660'

# WELL DATA SHEET

FIELD: Drinkard

LOC: 660 FNL, 660 FEL

TOWNSHIP: 21

RANGE: 37E

WELL NAME: Central Drinkard Unit # 105 H PROPOSED

SEC: 29

COUNTY: Lea

STATE: NM

GL: 3484'

KB to GL: 9'

DF to GL:

FORMATION: Drinkard

CURRENT STATUS: PR

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Chevno: FA7995

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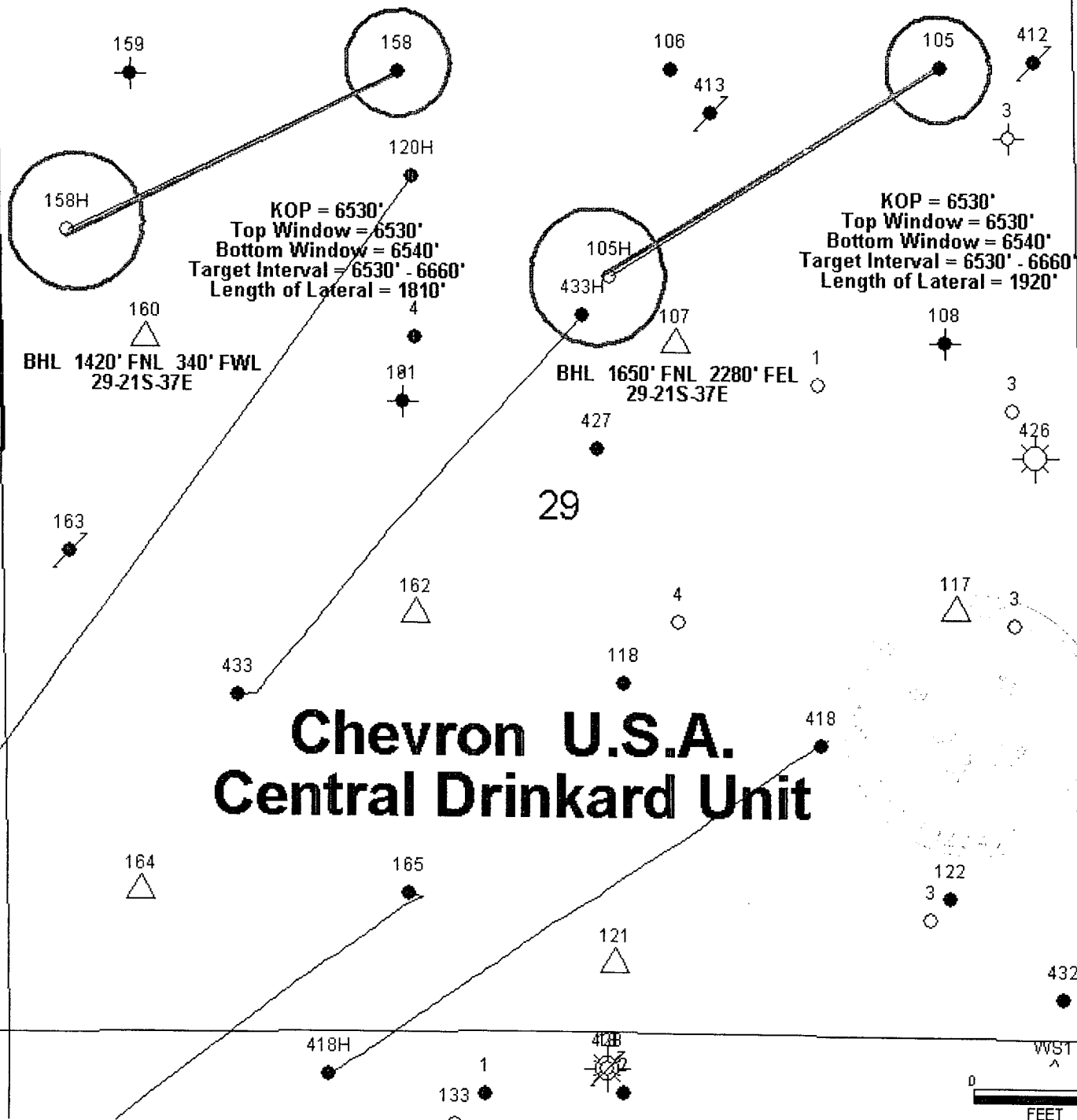
5-1/2" Slotted liner  
6490' - 6658'

TOW 6530'  
BOW 6540'  
Length 1920'

TD @ 6660'

SL 660' FNL 1980' FWL  
29-21S-37E

SL 660' FNL 660' FEL  
29-21S-37E



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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 30-025-06898	<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>7</sup> OGRID No. 4323	<sup>6</sup> Operator Name CHEVRON U.S.A. INC.	<sup>8</sup> Well Number 105
<sup>9</sup> Elevation		

<sup>10</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	29	21-S	37-E		660'	NORTH	660'	EAST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

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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>16</sup> 	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature DENISE PINKERTON Printed Name REGULATORY SPECIALIST LEAKEID@CHEVRONTXACO.COM Title and E-mail Address 5-13-2005 Date	
	<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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	

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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: <u>CHEVRON U.S.A. INC.</u> Telephone: <u>432-687-7375</u> -mail address: <u>leakejd@chevrontexaco.com</u>		
Address: <u>15 SMITH ROAD ODESSA, TX 79705</u>		
Facility or well name: <u>CENTRAL DRINKARD UNIT #105</u> API# <u>30-025-06898</u> U/L or Qtr/Qtr <u>A Sec 29 T 21-S R 37-E</u> HORIZONTAL G-29-21S-37E		
County: <u>LEA</u> Latitude _____ Longitude _____ NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> PRIVATE <input type="checkbox"/>		
<b>Pit</b> Type: Drilling <input type="checkbox"/> HORIZONTAL Lined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness <u>20 mil</u> Clay <input type="checkbox"/> Pit Volume <u>1965 bbl</u>	<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.)	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)
	<b>Ranking Score (Total Points)</b>	<b>10 POINTS</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: (check the onsite box if your 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 [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:

Printed Name/Title PETROLEUM ENGINEER Signature [Signature] Date: \_\_\_\_\_

MAY 20 2005

Key #117 Pit Design

CDU # 105 Horizontal

