

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, Texas 79705		<sup>2</sup> OGRID Number 4323
		<sup>3</sup> API Number 30-025-37233
<sup>4</sup> Property Code 29923	<sup>5</sup> Property Name Central Vacuum Unit	<sup>6</sup> Well No. 260
<sup>9</sup> Proposed Pool 1 Vacuum-Grayburg San Andres		<sup>10</sup> Proposed Pool 2

**7 Surface Location**

UL or lot no. C	Section 31	Township 17-S	Range 35-E	Lot Idn	Feet from the 1235.2	North/South line North	Feet from the 2445.9 2446	East/West line West	County Lea
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**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
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**Additional Well Information**

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code I	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3983'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 4900'	<sup>18</sup> Formation San Andres	<sup>19</sup> Contractor Nabors	<sup>20</sup> Spud Date June 18, 2005
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12_mils thick Clay <input type="checkbox"/> Pit Volume: 6500_bbls Drilling Method: Fresh Water <input checked="" type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				
Closed-Loop System <input type="checkbox"/>				

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	1550'	745 sxs	Surface
7-7/8"	5-1/2"	15.5#	4900'	1030 sxs	Surface

<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.

**Surface Casing**

Lead Slurry: 545 sxs of 35:65 Poz "C" w/ 6% bentonite, 2% CaCl<sub>2</sub>, 1/4 pps celloflake mixed at 12.8 ppg, 1.88 cfs  
Tail Slurry: 200 sxs of "C" w/ 2% CaCl<sub>2</sub>, 1/4 pps celloflake mixed at 14.8 ppg, 1.34 cfs

**Production Casing**

Lead Slurry: 560 sxs of 35:65 Poz "C" w/ 6% bentonite, 5% salt, 1/4 pps celloflake mixed at 12.5 ppg, 1.94 cfs.  
Tail Slurry: 470 sxs of 50:50 Poz "C" w/ 2% bentonite, 5% salt, 1/4 pps celloflake mixed at 14.2 ppg, 1.35 cfs

**BOPE Program**

see attached diagram

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

<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 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 Denise Pinkerton		Approved by:	
Title: Regulatory Specialist		Title: PETROLEUM ENGINEER	
E-mail Address: leakej@chevron.com		Approval Date: MAY 16 2005	
Date: 4-26-2005		Expiration Date:	
Phone: 432-687-7375		Conditions of Approval Attached <input checked="" type="checkbox"/>	

\* Approval to drill this well, CANNOT inject into until  
Injection order is approved in Santa Fe.

DISTRICT I:  
P. O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P. O. Drawer DD, Artesia, NM 88210

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised May 17, 2002

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 <b>30-025-37233</b>		2 Pool Code <b>6218D</b>		3 Pool Name <b>Vacuum Grayburg-San Andres</b>					
4 Property Code <b>29923</b>		5 Property Name <b>Central Vacuum Unit</b>						6 Well Number <b>260</b>	
7 GRID No. <b>4323</b>		8 Operator Name <b>Chevron USA, Inc.</b>						9 Elevation <b>3983'</b>	
10 Surface Location									
UL or lot no. <b>C</b>	Section <b>31</b>	Township <b>17-S</b>	Range <b>35-E</b>	Lot Idn	Feet from the <b>1235.2'</b>	North/South line <b>North</b>	Feet from the <b>2445.9'</b>	East/West line <b>West</b>	7 County <b>Lea</b>
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	7 County
12 Dedicated Acres <b>40</b>		13 Joint or Infill		14 Consolidation Code		15 Order No.			

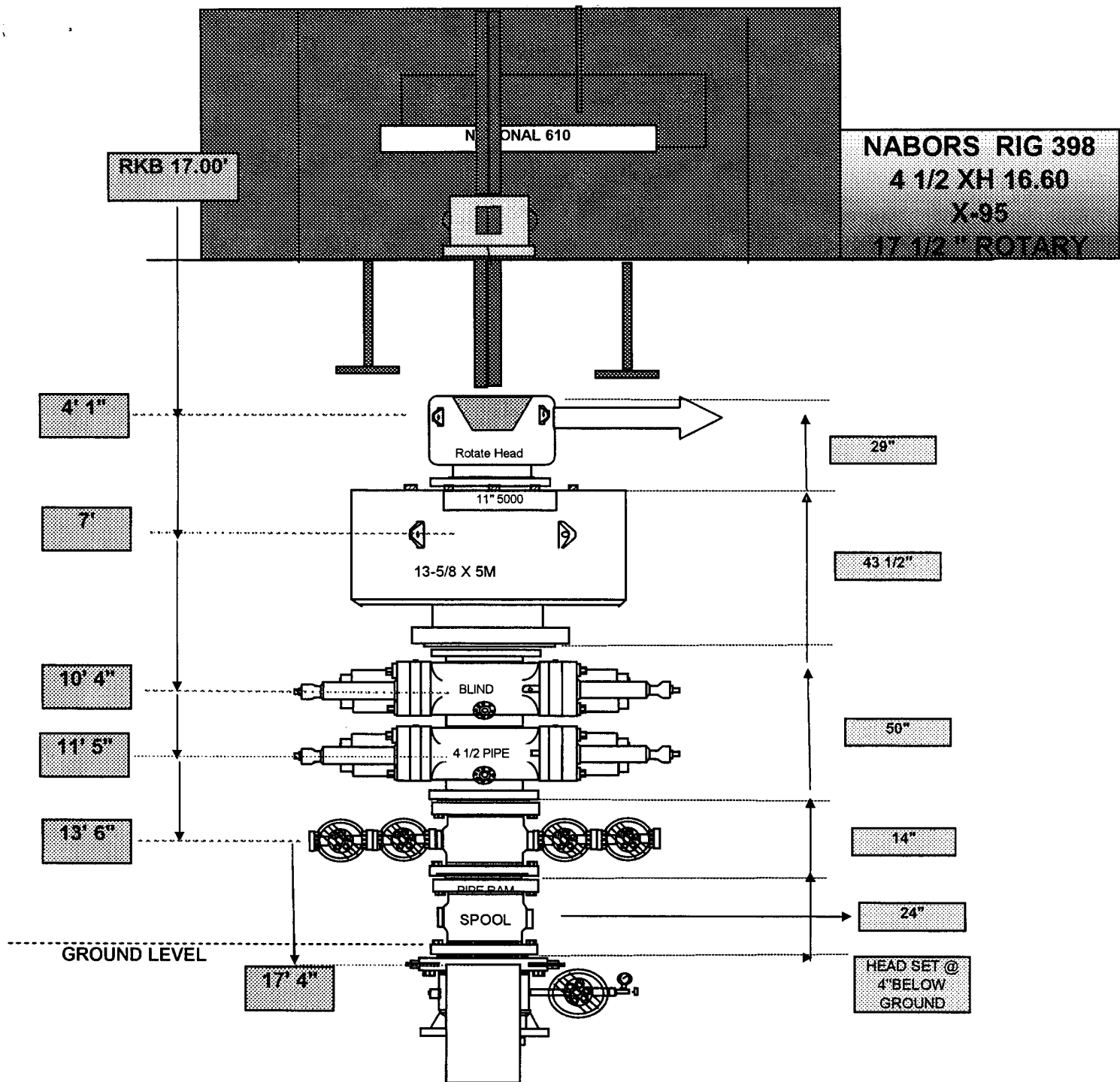
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION.

<p>Map details: Section 31, Township 17-S, Range 35-E. Well locations marked with dots and numbers. Acreage: 38.50 AC., 38.51 AC., 38.42 AC., 38.42 AC. Well labels: 40 Ac, 163H BHL, 163H SHL, Shell State "A" #6, Phillips Santa Fe 102. Distances: 798.3', 1235.2', 260.1', 115.3', 1079.6', 925.3', 2445.9', 260'. Well numbers: 44, 45, 46, 47, 48, 49, 50, 59, 60, 61, 62, 63, 64, 65, 74, 75, 76, 85, 87, 88, 93, 94, 145, 146, 147.</p>	16 OPERATOR CERTIFICATION	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
	Signature 	
	Printed Name <b>Ted Tipton</b>	
	Position <b>Manager of Drilling Department</b>	
Company <b>Chevron USA, Inc.</b>		
Date <b>April 1, 2005</b>		
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 knowledge and belief.		
Date Surveyed <b>March 29, 2005</b>		
Signature & Seal of Professional Surveyor 		
Certificate No. <b>7254 John S. Piper</b>		
Sheet <b>1 of 1</b>		

○ = Staked Location • = Producing Well ↗ = Injection Well ∩ = Water Supply Well ◆ = Plugged & Abandon Well  
⊙ = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. ○ = Found 1/4 Section Corner, 1" Iron Pipe & GLO B.C.

ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates 1927= 654048.93 Northing 654114.04		1927= 757009.60 Easting 798188.52	
1927= 32°47'42.998" Latitude 32°47'43.443"		1927= 103°29'50.876" Longitude 103°29'50.876"	
Zone East	North American Datum 1983	Combined Grid Factor 0.99979145	Coordinate File Buckeye.Cr5
Drawing File CVU_260.Dwg		Field Book Lea #23, Pg. 52	



ANNULAR = HYDRIL 13 5/8" 5M
DOUBLE = SHAFFER 13 5/8" 5M
WELL HEAD = 13 5/8" 3M
KILL LINE VALVES = 2 1/16 5M
CHOKE LINE VALVE = 4 1/16 5M

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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 e-mail address: LEAKEJD@CHEVRONTXACO.COM		
Address: 15 Smith Road, Midland, Texas 79705		
Facility or well name: Central Vacuum Unit #260 API #: <u>30-025-37233</u> U/L or Qtr/Qtr C Sec <u>31</u> T 17-S R 35-E		
County: Lea Latitude 32°47'43.443" Longitude 103°29'50.876" NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
<b>Pit</b> Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>6500</u> 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.)	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>		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: April 7, 2005

Printed Name/Title Travis Garza/Drilling Engineer

Signature

*Travis 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]*

MAY 16 2005  
Date:

• Pit Design - Central Vacuum Unit (Nobara 398)

