

District I  
1625 N French Dr., Hobbs, NM 88210  
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

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FEB 12 2009

HOBBSOCD

State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-101  
June 16, 2008

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 Rd. Midland, TX 79705		<sup>2</sup> OGRID Number 4323
		<sup>3</sup> API Number 30 -02535336
<sup>3</sup> Property Code 29963	<sup>5</sup> Property Name Mexico "L"	<sup>6</sup> Well No. 27
<sup>9</sup> Proposed Pool 1 Dollahide Devonian		<sup>10</sup> Proposed Pool 2

**Surface Location**

UL or lot no D	Section 5	Township 25S	Range 38E	Lot Idn	Feet from the 482'	North/South line North	Feet from the 990'	East/West line West	County Lea
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**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 P	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3128'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 10 410'	<sup>18</sup> Formation Devonian	<sup>19</sup> Contractor	<sup>20</sup> Spud Date

**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.

Chevron U.S.A Inc. intends to recompleat the subject well from the Fusselman to the Devonian.  
Please find attached the intended procedure, C102, and C144 pit information.

**Permit Expires 2 Years From Approval  
Date Unless Drilling Underway  
Plug back**

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature



Printed name  
Kristen Guzardo

Title  
Regulatory Specialist

E-mail Address:  
Kgeu@chevron.com

Date  
Feb 2, 2009

Phone  
4326877193

**OIL CONSERVATION DIVISION**

Approved by:



Title  
**PETROLEUM ENGINEER**

Approval Date  
**FEB 13 2009**

Expiration Date:

Conditions of Approval Attached ☐

## **Overview**

## **Economics**

## **Procedure**

1. Notify TRRC of workover operations. Prior to MIRU, check Csg for pressure and bleed well down if necessary. Write and review JSA's and work permits. Update as task or job scope changes.
2. MIRU PU. Pump 13- BCB down annulus. ND WH and NU BOP. POOH w/ Tbg and Sub Equipment (Scanalog Tbg and visually inspect for wear and corrosion).
3. RU Apollo to set CIBP and perforate. RIH w/ 5 1/2 CIBP and set at +/- 8300'. Dump 20' Cmt on CIBP. Correlate w/ Schlumberger's PLATFORM EXPRESS: Three Dector Density/Compensated Neutron/NGT Log dated 22 Feb 2001. RIH w/ Csg guns to perforate Devonian through 5 1/2", 17# Csg (120°/90° phasing, .44" Holes, 53" penetration, 4 JSPF) at 7367'-7391', 7520'-7530', and 7541'-7555'. POOH w/Csg guns. RDMO Apollo
4. PU 5 1/2" treating Pkr, RIH and test CIBP to 1000#. PUH to 7500' and set packer. MIRU Petroplex to pump acid. Breakdown Devonian perfs with BW. Pump 6000 gals NEFE LST 15% HCL w/ 5000 gals gelled brine/5000 lbs GRS in 3 stages at a maximum rate and pressure of 5 BPM and 3500 psi, respectively. Overflush by 20 bbls to bottom perf at 7555'. RDMO Petroplex.
5. Swab back load from perfs and evaluate Devonian Formation. Notify Engineering of Results. POOH w/ Pkr.

### **\*If Devonian shows good oil cut and rate**

6. RIH w/ Production Tbg and TAC. NDBOP, NU WH. RIH w/ rods and pump per ALS recommended design. RDMP DDU.
7. Set Beam Unit. Hang well on, reporting fluid levels and produced rates until well stabilizes.

### **\*\* If Devonian shows poor oil cut and rate**

6. RIH w/ 5 1/2" CIBP and set @ +/- 7300'. Dump 20' Cmt on CIBP. Test CIBP to 600#. ND BOP, NU WH. Run H-5 test (Notify NMOC at least 4 hrs. prior to test). RDMO DDU.

## District I

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## District IV

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

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State of New Mexico

Energy, Minerals &amp; Natural Resources Department

FEB 12 2009

**HOBBS**

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

<sup>1</sup> API Number 30-025-35336	<sup>2</sup> Pool Code 18050	<sup>3</sup> Pool Name Dollarhide Devonian
<sup>4</sup> Property Code 29963	<sup>5</sup> Property Name Mexico "L"	<sup>6</sup> Well Number 27
<sup>7</sup> OGRID No. 4323	<sup>8</sup> Operator Name Chevron U.S.A Inc.	<sup>9</sup> Elevation 3128

<sup>10</sup> Surface Location

UL or lot no. D	Section 5	Township 25S	Range 38E	Lot Idn	Feet from the 482	North/South line North	Feet from the 990	East/West line West	County Lea
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<sup>11</sup> 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>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

<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, 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 _____ Date 02/11/2009 Kristen Guizado Printed Name _____
					<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 _____