

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  
June 16, 2008

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 Torch Energy Services, Inc.		<sup>2</sup> OGRID Number 241401
<sup>3</sup> Property Code 302966	<sup>3</sup> Property Name Cooper Jal Unit	<sup>3</sup> API Number 30-025-09627
<sup>9</sup> Proposed Pool 1 Jalmat; Tansill-Yates-7Rivers (Oil)		<sup>10</sup> Proposed Pool 2 Langlie Mattix; 7Rivers-Queen-Grayburg

**7 Surface Location**

UL or lot no D	Section 24	Township 24S	Range 36E	Lot Idn	Feet from the 660'	North/South line North	Feet from the 660'	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 E	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3327'
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth 3950'	<sup>18</sup> Formation Grayburg	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 11/13/1935



**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Existing- 15 1/2"	13"	50#/ft	264'	215	surface by circ.
Existing- 12 1/4"	9 5/8"	36#/ft	1386'	550	surface by circ.
Existing- 8 3/4"	7"	24#/ft	3551'	150	2640'f/s by calc.
New- 6 1/4"	5" Liner	15.5#/ft	2850'-3950'	100	2850'(top of liner)

<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

- 1.) Re-enter CJU #152 (This well was plugged 2/19/2001).
- 2.) Drill out 4 cement plugs @ surface-300'; 1187'-1500'; 2700'-3200'; 3200'-3400'.
- 3.) Drill out 1 CIBP @ 3400' & 1 bottom cement plug @ 3553'-3757'
- 4.) Deepen the well with a 6 1/4" Bit to a new TD of 3950' in the Grayburg Formation.
- 5.) Install a new 5 1/2" 15.5#/ft J-55 Steel Liner from 2850'-3950' & cement w/ an est. 100 sxs "Class C" Cement
- 6.) Perforated the Liner, stimulate & test the Grayburg Formation for production.

\* This well will be drilled using a Closed Loop System. C-144 will be filed accordingly.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief		OIL CONSERVATION DIVISION	
Signature 		Approved by 	
Printed name Melanie Reyes		Title OC DISTRICT SUPERVISOR/GENERAL MANAGER	
Title Production Assistant		Approval Date AUG 25 2008	
E-mail Address reyesm@odessa.teai.com		Expiration Date	
Date 7/16/08	Phone (432) 580-8500	Conditions of Approval Attached <input type="checkbox"/>	

**Permit Expires 2 Years From Approval**

**Date Unless Drilling Underway**

Re-Entry

RECEIVED

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1000 Rio Brazos Rd., Aztec, NM 87410DISTRICT IV  
1220 St. Francis Dr., Santa Fe, NM 87505State of New Mexico  
Energy, Minerals and Natural Resources DepartmentForm C-102  
Revised October 12, 2005OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505

JUL 17 2008

Submit to Appropriate District Office  
State Lease-4 copies  
Fee Lease-3 copies

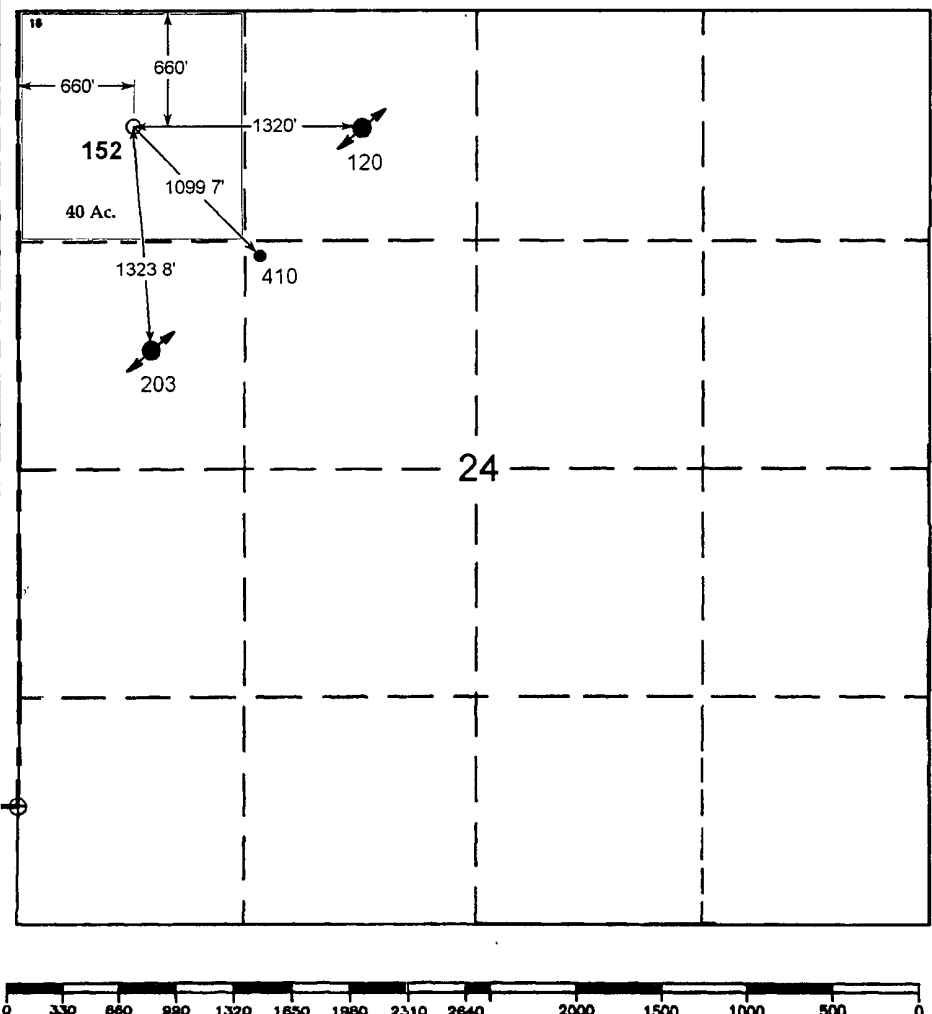
HOBBS OCD

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-09627		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name Jalmat; Langlie Mattix					
<sup>4</sup> Property Code		<sup>5</sup> Property Name Cooper Jal Unit						<sup>6</sup> Well Number 152	
<sup>7</sup> OGRID No. 193003		<sup>8</sup> Operator Name TORCH ENERGY SERVICES, INC.						<sup>9</sup> Elevation 3327' GL	
<sup>10</sup> Surface Location									
UL or lot no. D	Section 24	Township 24-S	Range 36-E	Lot Idn	Feet from the 660'	North/South line North	Feet from the 660'	East/West line West	<sup>7</sup> County Lea
<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	<sup>7</sup> 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.

	<p><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, 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.</p> <p><i>Jim Kidd</i> 7-14-2008 Signature Date Jim Kidd Printed Name</p> <p><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 knowledge and belief.</p> <p>Date of Survey Signature &amp; Seal of Professional Surveyor: Certificate No.</p>
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○ = 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			
Northing	441312.80	Easting	884060.18
Latitude		Longitude	
Zone	North American Datum	Combined Grid Factor	Coordinate File
East	1983/86		
Drawing File		Field Book	