

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 <b>Avra Oil Company 414 W. Texas Ste 406, Midland, TX 79702</b>		<sup>2</sup> OGRID Number <b>001340</b>
<sup>3</sup> Property Code <b>36149</b>	<sup>4</sup> Property Name <b>Shell State A</b>	<sup>5</sup> API Number <b>30 - 025018960000</b>
<sup>9</sup> Proposed Pool 1 <b>Hume Queen</b>		<sup>10</sup> Proposed Pool 2

**7 Surface Location**

UL or lot no. <b>N</b>	Section <b>8</b>	Township <b>16S</b>	Range <b>34E</b>	Lot Idn	Feet from the <b>990</b>	North/South line <b>South</b>	Feet from the <b>2310</b>	East/West line <b>West</b>	County <b>Lea</b>
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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 <b>E</b>	<sup>12</sup> Well Type Code <b>O</b>	<sup>13</sup> Cable/Rotary <b>R (Pulling Unit)</b>	<sup>14</sup> Lease Type Code <b>S</b>	<sup>15</sup> Ground Level Elevation <b>4135 G.R.</b>
<sup>16</sup> Multiple <b>No</b>	<sup>17</sup> Proposed Depth <b>4020'</b>	<sup>18</sup> Formation <b>Queen</b>	<sup>19</sup> Contractor <b>Nabors</b>	<sup>20</sup> Spud Date <b>11-15-06</b>
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: _____ bbs Drilling Method: Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				
Closed-Loop System <input checked="" type="checkbox"/>				

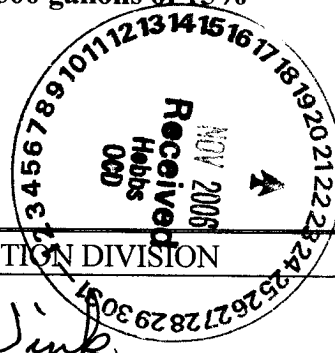
**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<b>11"</b>	<b>8 5/8"</b>	<b>28</b>	<b>260</b>	<b>225</b>	<b>Cir</b>
<b>7"</b>	<b>5 1/2"</b>	<b>14</b>	<b>4020</b>	<b>75 sxs + 1200 c.f.</b>	<b>225' T.S.</b>

<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.

**RU pulling reverse unit, drilled out first plug @ surface, 10 sacks. Drill out 2nd plug 35 sxs of Cement from 3643' to 3977'. Perforate 3940' - 3954' (Queen), acidize with 500 gallons of 15% HCL. Swab test for oil and formation water productivity.**

**Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Re-Entry**



<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 checked="" type="checkbox"/> , or an (attached) alternative OCE-approved plan <input type="checkbox"/> .		<b>OIL CONSERVATION DIVISION</b>	
Printed name: <b>Saeed Afghahi</b>		Approved by: <b>Larry W. Wink</b>	
Title: <b>President</b>		Title: <b>FIELD REPRESENTATIVE II/STAFF MANAGER</b>	
E-mail Address: <b>avraoil@sbcglobal.net</b>		Approval Date: _____ Expiration Date: _____	
Date: <b>11-8-2006</b>	Phone: <b>(432) 682-4866</b>	Conditions of Approval Attached <input type="checkbox"/>	

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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 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 <b>30-025018960000</b>	<sup>2</sup> Pool Code <b>33540</b>	<sup>3</sup> Pool Name <b>Hume Queen</b>
<sup>4</sup> Property Code <b>36149</b>	<sup>5</sup> Property Name <b>Shell State A</b>	<sup>6</sup> Well Number <b>1</b>
<sup>7</sup> OGRID No. <b>001340</b>	<sup>8</sup> Operator Name <b>Avra Oil Company</b>	<sup>9</sup> Elevation <b>4135 G.R.</b>

<sup>10</sup> Surface Location

UL or lot no. <b>N</b>	Section <b>8</b>	Township <b>16S</b>	Range <b>34E</b>	Lot Idn	Feet from the <b>990</b>	North/South line <b>S</b>	Feet from the <b>2310</b>	East/West line <b>W</b>	County <b>Lea</b>
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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
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<sup>12</sup> Dedicated Acres <b>40</b>	<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.

<div>16</div>	<div>17 OPERATOR CERTIFICATION</div> <p>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>Saeed Afghahi</i> 11-8-2006 Signature Date</p> <p><b>Saeed Afghahi</b> Printed Name</p>
	<div>18 SURVEYOR CERTIFICATION</div> <p>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.</p> <p>Date of Survey Signature and Seal of Professional Surveyor:</p>
	Certificate Number