

District I – (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (575) 748-1283  
811 S First St., Artesia, NM 88210  
District III – (505) 334-6178  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV – (505) 476-3460  
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 Nadel and Gussman HEYCO, LLC P.O. Box 1936 Roswell N.M. 88202		<sup>2</sup> OGRID Number 258462
		<sup>3</sup> API Number 30 – 015 – 38568
<sup>4</sup> Property Code 38541	<sup>5</sup> Property Name Wabash 20 Com	<sup>6</sup> Well No IH.
<sup>9</sup> Proposed Pool 1 Empire Glorieta – Yeso		<sup>10</sup> Proposed Pool 2

**<sup>7</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	20	18S	26E		660	NORTH	330	EAST	EDDY

**<sup>8</sup> 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
D	20	18S	26E		660	NORTH	330	WEST	EDDY

**Additional Well Information**

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code	<sup>15</sup> Ground Level Elevation 3398'
<sup>16</sup> Multiple Y	<sup>17</sup> Proposed Depth 6903' MD/ 2575' TVD	<sup>18</sup> Formation YESO	<sup>19</sup> Contractor N/A	<sup>20</sup> Spud Date ASAP

**<sup>21</sup> Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	36#	1000'	750 sx	Surface
8 3/4"	7"	26#	2775'	650 sx	Surface
6 1/8"	4 1/2"	13.5#	2575' – 6903' *	None**	N/A

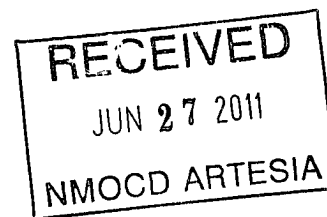
<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**Mud Program:**

0' to 1000': 8.4 to 8.8 ppg, w/ Fresh water spud mud  
1000' to 6903': 8.8 to 10.0 ppg, w/ brine / cut brine water

\*Will set a liner hanger at 2575' for the 4 1/2" casing.

\*\*Casing Cement – will utilize a Packers Plus type open-hole system to complete well.



<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: Chris Marquez

Title: Drilling Engineer

E-mail Address: cmarquez@naguss.com

Date: 6-10-11

Phone 432 – 682 – 4429

**OIL CONSERVATION DIVISION**

Approved by:

Title:

Approval Date:

07/11/2011

Expiration Date:

Conditions of Approval Attached ☐