

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
Revised July 18, 2013

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

HOBBS OCT

OCT 08 2015

RECEIVED

☒ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address ENDURANCE RESOURCES LLC 203 West Wall Suite 1000 Midland, TX 79701		<sup>2</sup> OGRID Number 270329
<sup>3</sup> Property Code 315170		<sup>4</sup> Property Name Yates 16 State
<sup>5</sup> Well No. 1H		

<sup>7</sup> Surface Location

UL - Lot D	Section 16	Township 25 S	Range 35 E	Lot Idn	Feet from 230	N/S Line N	Feet From 330	E/W Line W	County LEA
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<sup>8</sup> Proposed Bottom Hole Location

UL - Lot M	Section 16	Township 25 S	Range 35 E	Lot Idn	Feet from 230	N/S Line S	Feet From 660	E/W Line W	County LEA
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<sup>9</sup> Pool Information

Pool Name DOGGIE DRAW; WOLF CAMP	Pool Code 17980
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Additional Well Information

<sup>11</sup> Work Type New Well	<sup>12</sup> Well Type Oil	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type State	<sup>15</sup> Ground Level Elevation 3296.5
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 13,580' MD	<sup>18</sup> Formation Brushy Canyon	<sup>19</sup> Contractor H & P	<sup>20</sup> Spud Date 10/20/15
Depth to Ground water: 0-400'		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

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

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	850	815	Surface
Intl	12.25	9.625	40	5352	1160	Surface
Prod	8.5	5.5	20	13580	1550	1000

Casing/Cement Program: Additional Comments

Plan to drill a 17-1/2" hole to 850' with Fresh Water. Run 13-3/8", 54.5#, J-55 csg and cement to surface. Drill 12-1/4" hole to 5,352' with Brine, and run 9-5/8", 40.0#, L-80 csg and cement to surface. Drill 8-1/2" hole to Pilot Hole TD of 12,855 and plug back to KOP at ~8,419'. Drill a 10°/ 100' curve and a ~4,261' lateral to TD of ~13,580'. Run 5-1/2", 20#, P-110 csg and cement to 1000'.

<sup>22</sup> Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	Cameron

<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 I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.

Signature: *Tinlee Tilton*

Printed name: Ms. Tinlee Tilton

Title: Engineer

E-mail Address: tinlee@enduranceresourcesllc.com

Date: 10/06/2015

Phone: 432-242-4693

OIL CONSERVATION DIVISION

Approved By:

Title: *Petroleum Engineer*

Approved Date: *SEE*

Expiration Date: *08/27/17*

Conditions of Approval Attached

*OC. 18 2015*