

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 Range Operating New Mexico, Inc.		<sup>2</sup> OGRID Number 227588
		<sup>3</sup> API Number 30 - 025-06884
<sup>4</sup> Property Code 34936	<sup>5</sup> Property Name H. S. Turner	<sup>6</sup> Well No. 2
<sup>9</sup> Proposed Pool 1 Penrose Skelly Grayburg; San Andres		<sup>10</sup> Proposed Pool 2 Eunice San Andres

<sup>7</sup> Surface Location									
UL or lot no. M	Section 29	Township 37E	Range 37E	Lot Idn	Feet from the 3302340	North/South line South	Feet from the 900	East/West line West	County Lea

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface 330									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information				
<sup>11</sup> Work Type Code ADD	<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 3472
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 3985	<sup>18</sup> Formation Grayburg; San Andres	<sup>19</sup> Contractor To be Determined	<sup>20</sup> Spud Date ASAP
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: _____bbls Drilling Method:				
Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input checked="" type="checkbox"/>				

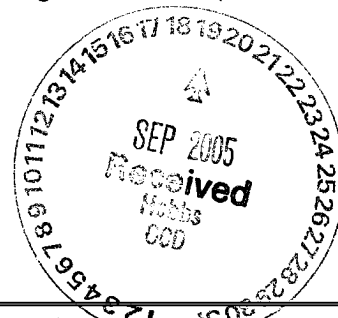
<sup>21</sup> Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
No Change					

<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.

Operator proposes to deepen the open hole section from 3780' to 4500' using foam and acidize Grayburg; San Andres. (Permit to deepen was originally requested to deepen from 3780 to 3985' - Penrose-Skelly; Grayburg).

BOP Diagram Attached.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway



<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 ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Printed name: Paula Hale

Title: Sr. Reg. Sp.

E-mail Address: phale@rangeresources.com

Date: 9/16/05

Phone: 817/810-1916

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: SEP 20 2005 Expiration Date:

PETROLEUM ENGINEER

Conditions of approval: Approval to do work to the Grayburg & San Andres, but CANNOT produce Downhole commingled until DHC is approved from Santa Fe.

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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 June 10, 2003  
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>30-025-06884</b>	<sup>2</sup> Pool Code <b>50350/24150</b>	<sup>3</sup> Pool Name <b>Penrose Skelly / Grayburg-San Andres</b>
<sup>4</sup> Property Code <b>34936</b>	<sup>5</sup> Property Name <b>H.S. Turner</b>	<sup>6</sup> Well Number <b>2</b>
<sup>7</sup> OGRID No. <b>227588</b>	<sup>8</sup> Operator Name <b>Range Operating New Mexico, Inc.</b>	<sup>9</sup> Elevation <b>3472</b>

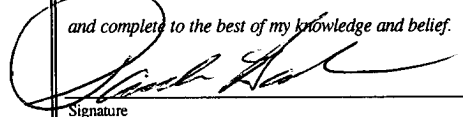
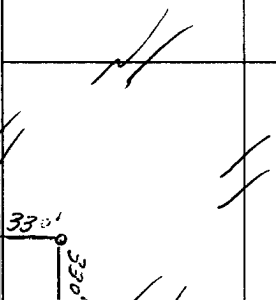
<sup>10</sup> Surface Location

UL or lot no. <b>M</b>	Section <b>29</b>	Township <b>21S</b>	Range <b>37E</b>	Lot Idn	Feet from the <b>330</b>	North/South line <b>South</b>	Feet from the <b>330</b>	East/West line <b>West</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
<sup>12</sup> Dedicated Acres <b>40</b>	<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> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature <b>Paula Hale</b> Printed Name <b>Sr. Reg. Sp.</b> Title and E-mail Address <b>9/16/05</b> Date
					<sup>18</sup> SURVEYOR CERTIFICATION <i>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.</i>  Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number

RANGE OPERATING NEW MEXICO, INC.

H.S. Turner #2

BOP Diagram

3000 psi WP

