

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 Latigo Petroleum, Inc. 550 W. Texas, Suite 700 Midland, TX 79701		<sup>2</sup> OGRID Number 227001
		<sup>3</sup> API Number 30 025-36953
<sup>3</sup> Property Code 300357	<sup>3</sup> Property Name NORTH LUSK 32 STATE	<sup>6</sup> Well No. 3
<sup>9</sup> Proposed Pool 1 41450 LUSK, N. BONE SPRINGS		<sup>10</sup> Proposed Pool 2

**7 Surface Location**

UL or lot no. K	Section 32	Township 18S	Range 32E	Lot Idn	Feet from the 1980'	North/South line SOUTH	Feet from the 1980'	East/Westline 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/Westline	County
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**Additional Well Information**

<sup>11</sup> Work Type Code NEW DRILL	<sup>12</sup> Well Type Code Oil	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3691'
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth 9900'	<sup>18</sup> Formation BONE SPRINGS	<sup>19</sup> Contractor	<sup>20</sup> Spud Date
Depth to Groundwater 102'		Distance from nearest fresh water well 17,750 S		Distance from nearest surface water 19 miles SW
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mil thick Clay <input type="checkbox"/> Pit Volume: 500 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	575	500	Surface
12 1/4"	8 5/8"	24 & 32#	3250'	1300	Surface
7 7/8"	5 1/2"	15.5 & 17#	9900'	2100	4100'

<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.  
Drl 17-1/2" hole to 575', run 13-3/8" 48# csg to 575', cmt w/500 sx Cls C + adds, circ to surf. WOC 12 hrs. Drl 12-1/4" hole to 3250', run 8-5/8" 24 & 32# intermediate csg to 3250', cmt w/1300 sx lead Cls C - WOC 12 hrs. Drl 7-7/8" hole to 9,900', run 5-1/2" 15.5 & 17# csg, set @ 9,900'. Cmt w/2100 sxs to an estimated 4100', WOC. No DST's planned.

Blowout Preventers 1 Shaffer LWS 10" X 3000# w/closing unit, choke manifold 3" X 3000# or 10" X 5000# w/closing unit. Choke manifold 3" X 5000#.

<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: Donna Frazier  
Title: Production Analyst

E-mail Address: dfrazier@latigopetro.com

Date: 11/30/2004

Phone: (432)684-4293

**OIL CONSERVATION DIVISION**

Approved by:

Title: PETROLEUM ENGINEER

Approval Date: DEC 03 2004

Expiration Date:

Conditions of Approval Attached ☐

