

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

RECEIVED Submit to appropriate District Office

DEC 27 2005

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address Kaiser-Francis Oil Company P. O. Box 21468, Tulsa, OK 74121-1468		<sup>2</sup> OGRID Number 012361
<sup>3</sup> Property Code 34424	<sup>4</sup> Property Name Mesa "11" Grande	<sup>5</sup> API Number 30- 015-33720
<sup>6</sup> Well No. 2 Q		
<sup>9</sup> Proposed Pool 1 Wildcat (Bone Springs) 96053		<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
L	11	22S	26E	-	2661	South	660	West	Eddy

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface n/a

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 P	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3175
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 11500	<sup>18</sup> Formation Bone Springs	<sup>19</sup> Contractor Unk.	<sup>20</sup> Spud Date 1/13/05
Depth to Groundwater 108'		Distance from nearest fresh water well 900'		Distance from nearest surface water 500'
Pit: Liner: Synthetic <input type="checkbox"/> _____mils thick Clay <input type="checkbox"/> Pit Volume: _____bbls Drilling Method: _____				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

n/a

<sup>21</sup> Proposed Casing and Cement Program No change

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

<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. See attached C-105 for current wellbore.

Workover proposal to Bone Springs formation:

1. MIRU WL. Run GR/CBL from 7500'-5000'. Evaluate cmt across proposed zone.
2. Set CIBP @ 7750'. Dump 3 sxs cmt on top.
3. Perf csg @ 6600' & 6321'. Set cmt ret. @ 6550'. Cmt sqz. Set pkr @ 6250'. Cmt sqz.
4. Release pkr & POOH. Drill out cmt to 6550'. Run CBL.
5. Perf Bone Springs @ 6321'-6426' o.a. (1 SPF). Set pkr @ 6250'. Swab test.
6. Acidize w/2750 g. 15% HCL. Swab.
7. Re-stimulate w/12000 g. 15% HCL. Swab & test well.

Approximate starting date: 12/28/05

<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 type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Charlotte Van Valkenburg		Approved by: <i>Jim W. Green</i>	
Title: Technical Coordinator		Title: <i>District II Supervisor</i>	
E-mail Address: Charlot@KFOC.net		Approval Date: JAN 10 2006 Expiration: JAN 10 2007	
Date: 12/15/05	Phone: 918-491-4314	Conditions of Approval Attached <input type="checkbox"/>	

*C. Van Valkenburg*

R-12459