

**Martin, Ed, EMNRD**

30-021-20496

**To:** Vance Vanderburg  
**Subject:** RE: Libby Minerals LLC 1931 16-1-F

Extension approved. APD for the Libby Minerals LLC 1931-161F will expire May 4, 2012.

**Ed Martin**  
**New Mexico Oil Conservation Division**  
**District IV Supervisor**  
**1220 S. St. Francis**  
**Santa Fe, NM 87505**  
**Work: 505-476-3470**  
**Cell: 505-690-2365**  
**Home: 505-685-4056**

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**From:** Vance Vanderburg [<mailto:vance@reliantholdingsltd.com>]  
**Sent:** Wednesday, July 13, 2011 4:38 PM  
**To:** Martin, Ed, EMNRD; Frank A. Hunold Jr.  
**Cc:** Scott Vanderburg; Freddie Vanderburg  
**Subject:** RE: Libby Minerals LLC 1931 16-1-F

Ed,  
Please accept this email as our request to extend the expiration date on the drilling app for the Libby Minerals LLC 1931 16-1-F.

Freddie will call you tomorrow to discuss what we need to do to re-submit the permit for the 8-1-K well in order to drill it horizontally.

Thanks,

Vance Vanderburg  
Reliant Holdings LTD.  
Director of Sales  
Office 432-617-4213  
Cell 432-559-7085

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 8705

RECEIVED

2009 APR 21 District 30

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

<sup>1</sup> Operator Name and Address Reliant Exploration & Production, LLC. 3700 Kermit Highway Odessa, Texas 79764		<sup>2</sup> OGRID Number 251905
<sup>3</sup> Property Code 37025		<sup>4</sup> API Number 30-021-20496
<sup>5</sup> Property Name LIBBY MINERALS LLC 1931		<sup>6</sup> Well No. 16-1-F
<sup>7</sup> Proposed Pool 1 Bravo Dome 96010		<sup>8</sup> Proposed Pool 2

**7 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1A	16	19 North	31 East NMFM		1700'	North	1700'	West	Harding

**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/West line	County

**Additional Well Information**

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code C	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 4431
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 2600'	<sup>18</sup> Formation TUBB	<sup>19</sup> Contractor CAPSTAR DRILLING	<sup>20</sup> Spud Date 6/22/09
Depth to Groundwater > 100'		Distance from nearest fresh water well > 1000'		Distance from nearest surface water > 1000'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 20 mils thick Clay <input type="checkbox"/> Pit Volume: 850 bbls				
Drilling Method: Fresh Water x Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				
Closed-Loop System <input type="checkbox"/>				

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	700'	300SX	SURFACE
7-7/8"	5-1/2"	5.9#EG/15.5#	2600'	400SX	SURFACE

<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 ATTACHMENTS

<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 ☐.

Signature:

Printed name: Scott S. Vanderburg

Title: President

E-mail Address: scottv@reliantholdingsltd.com

Date: 4/16/09

Phone: 432-362-9206

**OIL CONSERVATION DIVISION**

Approved by:

Title:

Approval Date: 5/4/09

Expiration Date: 5/4/11

Conditions of Approval Attached ☐

OIL CONSERVATION COMMISSION TO BE NOTIFIED  
WITHIN 24 HOURS OF BEGINNING OPERATIONS

EXTENDED  
TO 5/4/2012  
*[Signature]*