

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

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-101  
March 4, 2004

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address Coulthurst Management & Investment, Inc. 1990 Marin Ave Berkeley, CA 94707		<sup>2</sup> OGRID Number 5337
		<sup>3</sup> API Number 30 - 037 - 20084
<sup>4</sup> Property Code E 34047	<sup>5</sup> Property Name Mendell	<sup>6</sup> Well No. #1

<sup>7</sup> Surface Location

UL or lot no. D	Section 18	Township 10N	Range 28E	Lot Idn D	Feet from the 990	North/South line —	Feet from the 990	East/West line —	County Quay
--------------------	---------------	-----------------	--------------	--------------	----------------------	-----------------------	----------------------	---------------------	----------------

<sup>8</sup> 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
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

<sup>9</sup> Proposed Pool 1 Wildcat	<sup>10</sup> Proposed Pool 2
---	-------------------------------

Drilling Pit Location and Other Information

UL or lot no. D	Section 18	Township 10N	Range 28E	Lot Idn D	Feet from the 990	North/South line —	Feet from the 1010	East/West line —	County Quay
--------------------	---------------	-----------------	--------------	--------------	----------------------	-----------------------	-----------------------	---------------------	----------------

Depth to ground water 660 ft.	Distance from nearest fresh water well 2000 Ft	Distance from nearest surface water 2500'
----------------------------------	---	--

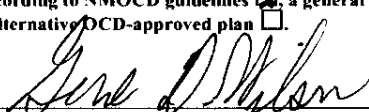
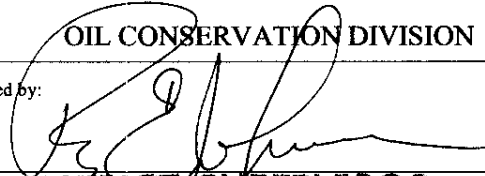
<sup>11</sup> Work Type Code Drill	<sup>12</sup> Well Type Code Wildcat	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code Private-Fee	<sup>15</sup> Ground Level Elevation 4354'
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth 9,000'	<sup>18</sup> Formation Penn-Strawn	<sup>19</sup> Contractor United Drilling, Inc	<sup>20</sup> Spud Date June 13, 2004

<sup>21</sup> 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*	1200'	890	Surface
12 1/2"	9 5/8"	36*	3800'	990	Surface
8 3/4"	7"	26*	9000'	488	5500'

<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.

3000 # BOP

<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 checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Signature: 		Approved by: 	
Printed name: Gene D. Wilson		Title: DISTRICT SUPERVISOR	
Title: Geologist		Approval Date: 6/10/04 Expiration Date: 6/10/05	
E-mail Address: gdwgeol@thunder.net			
Date: June 9, 2004	Phone: 505-294-3234	Conditions of Approval: Attached <input type="checkbox"/>	

COLLECT AND SACK SAMPLES FOR  
NEW MEXICO BUREAU OF MINES, SOCORRO  
AT AT LEAST TEN FOOT INTERVALS

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-85

All distances must be from the outer boundaries of the Section.

Operator <b>Coulthurst Management Inc.</b>			Lease <b>Dr. John Mendell</b>		Well No. <b>11</b>
Unit Letter <b>D</b>	Section <b>18</b>	Township <b>10N</b>	Range <b>28E</b>	County <b>QUAY</b>	
Actual Footage Location of Well: <b>990'</b> feet from the <b>NORTH</b> line and <b>990'</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>4354</b>	Producing Formation <b>N/A</b>	Pool <b>WILDCAT</b>	Dedicated Acreage: <b>160</b> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
**ROBBIE T. HUGG**

Position  
**OWNER**

Company  
**SORO-TEK INC.**

Date  
**6-4-04**

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 knowledge and belief.

**6-2-04**

Date Surveyed  
**6-2-04**

Registered Professional Engineer and/or Land Surveyor  
**11808**

Certificate No.