

District I  
1625 N<sup>o</sup> 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 Mulloy Operating, Inc. 508 W. Wall #700 Midland, Texas 79701		<sup>2</sup> OGRID Number 225942
<sup>3</sup> Property Code 35382	<sup>5</sup> Property Name UEI RC	<sup>4</sup> API Number 30 - 041 - 20921
<sup>9</sup> Proposed Pool 1 Wildcat-San Andres		<sup>6</sup> Well No. 1
<sup>10</sup> Proposed Pool 2 None		

**7 Surface Location**

UL or lot no. A	Section 24	Township 6 S	Range 34 E	Lot Idn	Feet from the 990	North/South line North	Feet from the 990	East/West line East	County Roosevelt
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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/West line	County
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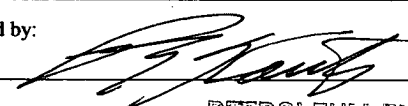
**Additional Well Information**

<sup>11</sup> Work Type Code New Well	<sup>12</sup> Well Type Code Gas	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code Private	<sup>15</sup> Ground Level Elevation 4289
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 4800'	<sup>18</sup> Formation San Andres	<sup>19</sup> Contractor United Drilling Inc.	<sup>20</sup> Spud Date Approx 1-18-06
Depth to Groundwater 135-150		Distance from nearest fresh water well +/- 1320		Distance from nearest surface water None
Pit: Liner: Synthetic x 12_mils thick Clay <input type="checkbox"/> Pit Volume: 2000_bbls Drilling Method: Fresh Water <input checked="" type="checkbox"/> Brine x 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
11"	8 5/8"	24 #/ft	400'	200	surface
7 7/8"	4 1/2"	10.5 #/ft	4800'	750	+/-400'

22 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.  
Drill San Andres well to +/-4800'. Circulate cement to surface on 8 5/8" casing. Test all significant shows & evaluate w/adequate logging program. Abandonment, if necessary, will be preformed in accordance w/prudent practices and regulatory requirements. A double ram series 900 BOP and choke manifold will be used from the 8 5/8" casing point to total depth. After logging and evaluation at total depth, the decision will be made as to whether or not a horizontal leg will be added. An application will be made to the NMOCD at that time. Production casing will be 4 1/2" and will be run at total depth. Completion will be from perforations in the 4 1/2" casing in the San Andres Formation.

<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 OCL-approved plan <input type="checkbox"/> .		<b>OIL CONSERVATION DIVISION</b>	
Printed name: J. W. Mulloy		Approved by: 	
Title: Consultant		Title: PETROLEUM ENGINEER	
E-mail Address: jwmulloy@jwmulloyassoc.com		Approval Date: JAN 25 2006	
Date 1-13-06		Expiration Date:	
Phone: 432-687-0323		Conditions of Approval Attached <input type="checkbox"/>	

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-041-20921	Pool Code	Pool Name WILLOCAT (SAN ANDRES)
Property Code 35382	Property Name UEI RC	Well Number 1
GRID No. 225942	Operator Name MULLOY OPERATING, INC.	Elevation 4287'

Surface Location

UL or lot No. A	Section 24	Township 6 S	Range 34 E	Lot Idn	Feet from the 990	North/South line NORTH	Feet from the 990	East/West line EAST	County ROOSEVELT
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Bottom Hole Location If Different From Surface

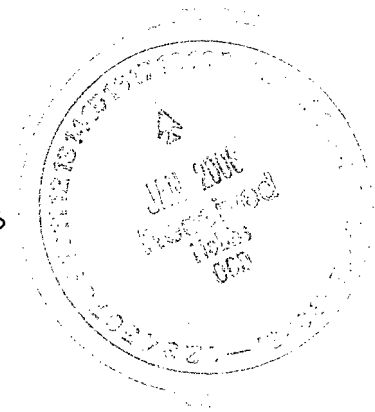
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

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

<p>NOTE:</p> <p>1) Plane Coordinates shown hereon are Transverse Mercator Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum of 1927. Distances shown hereon are mean horizontal surface values.</p>									
<p>Plane Coordinate X = 779,964.8 Y = 1,014,539.4</p> <p>990'</p> <p>990'</p>									<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>J.W. Mulloy</i></p> <p>Signature J.W. Mulloy</p> <p>Printed Name V. PRESIDENT</p> <p>Title 1/13/06</p> <p>Date</p>
									<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>January 10, 2006</p> <p>Date Surveyed</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p>JMJ</p> <p>W.O. Num. 2006-0009</p> <p>Certificate No. MACON McDONALD 12185</p>

CONTOUR INTERVAL:  
DORA SW - 5'

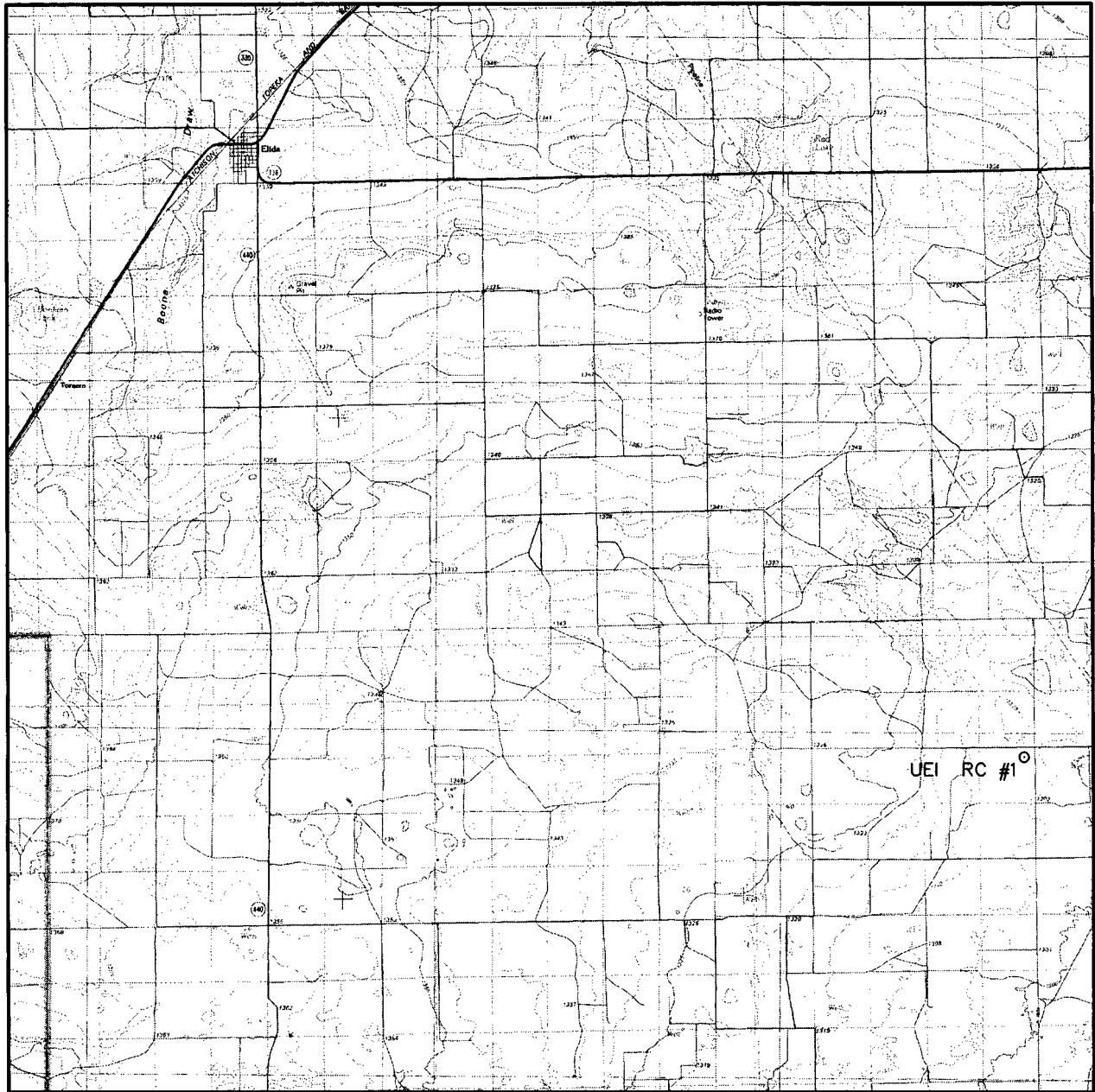
U.S.G.S. TOPOGRAPHIC MAP  
DORA SW



**WEST  
COMPANY**  
of Midland, Inc.

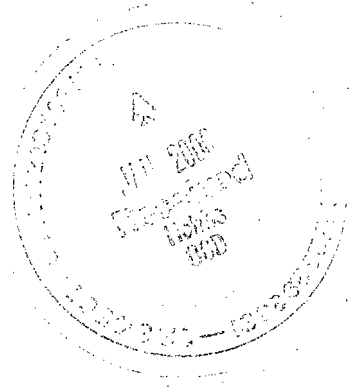
110 W. LOUISIANA, STE. 110  
MIDLAND TEXAS, 79701  
(432) 687-0865 - (432) 687-0868 FAX

# VICINITY MAP



SCALE: 1" = 3 MILES

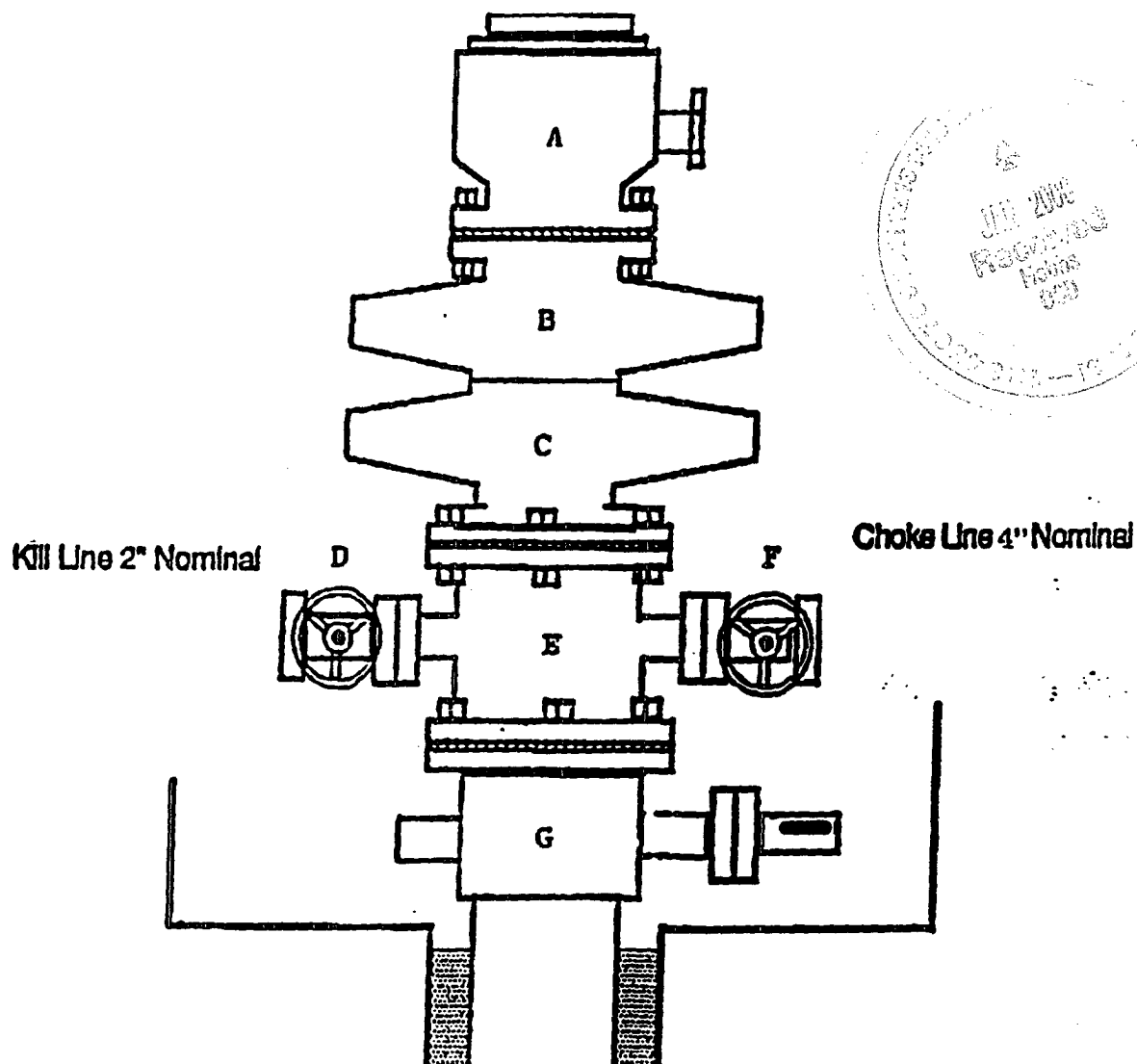
SEC. 24 TWP. 6-S RGE. 34-E  
SURVEY N.M.P.M.  
COUNTY ROOSEVELT  
DESCRIPTION 990' FNL & 990 FEL  
ELEVATION 4287'  
OPERATOR MULLOY OPERATING  
LEASE UEI RC



**WEST  
COMPANY**  
of Midland, Inc.

110 W. LOUISIANA, STE. 110  
MIDLAND TEXAS, 79701  
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A — Rotating Head  
B — Pipe Rams  
C — Blind Rams  
D — 2" Kill Line  
E — Adapter Spool  
F — 4" Choke Line  
G — Casing Head



ATTACHMENT "A"

