

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87401  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999

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

Operator Name and Address <b>Nadel and Gussman Permian 601 N. Marienfeld, Suite 508, Midland, Texas 79701</b>		<sup>2</sup> OGRID Number <b>155615</b>
<sup>3</sup> Property Code <b>28500</b>	<sup>5</sup> Property Name <b>Antelope State</b>	<sup>4</sup> API Number <b>30-015-31897</b>
		<sup>6</sup> Well No. <b>1</b>

<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
<b>A</b>	<b>20</b>	<b>19-S</b>	<b>24-E</b>		<b>660'</b>	<b>North</b>	<b>660'</b>	<b>East</b>	<b>Eddy</b>

<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 <del>Stegrest Draw (Morrow), 85280</del>						<sup>10</sup> Proposed Pool 2 <b>Undes</b> <b>Antelope Sink (Upper Penn), 70520</b>			

<sup>11</sup> Work Type Code <b>N</b>	<sup>12</sup> Well Type Code <b>G</b>	<sup>13</sup> Cable/Rotary <b>Rotary</b>	<sup>14</sup> Lease Type Code <b>S</b>	<sup>15</sup> Ground Level Elevation <b>3739' GL</b>
<sup>16</sup> Multiple <b>No</b>	<sup>17</sup> Proposed Depth <b>8,800</b>	<sup>18</sup> Formation <b>Miss.</b>	<sup>19</sup> Contractor <b>Patterson #55</b>	<sup>20</sup> Spud Date <b>~9/15 / 01</b>


<sup>21</sup> Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<b>17-1/2"</b>	<b>13-3/8"</b>	<b>48#, H-40</b>	<b>400'</b>	<b>450</b>	<b>Circulated</b>
<b>12-1/4"</b>	<b>8-5/8"</b>	<b>24#, J-55</b>	<b>1,500'</b>	<b>1200</b>	<b>Circulated</b>
<b>7-7/8"</b>	<b>5-1/2"</b>	<b>17#, N-80</b>	<b>8,800'</b>	<b>850</b>	<b>~5000'</b>

2 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the pre Describe the blowout prevention program, if any. Use additional sheets if necessary.

NOTIFY OCD SPUD & TIME TO WITNESS  
CEMENTING OF WATER PROTECTION  
STRING

**Drill and complete well in the Morrow at a projected TD of 8,800'. Secondary objective is the Upper Penn. A BOP schematic is attached and a 5000 psi tree will be nipped up prior to perforating. A DV tool may be used if zones above the Wolfcamp are prospective. The Morrow will be completed with thru-tubing or tubing conveyed guns. Will notify NMOC in sufficient time to witness cementing the 13 3/8" and 8 5/8" casing and minimum WOC time will be 2 hours or as directed.**

**18 hours or Follow Option 2, Rule 107**

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION <b>ORIGINAL SIGNED BY TIM W. GUM</b> <b>DISTRICT II SUPERVISOR</b>	
Printed name: <b>Robert T. McNaughton</b>		Title:	
Title: <b>Operations Engineer</b>		Approval Date: <b>JUL 22 2001</b>	Expiration Date: <b>JUL 22 2002</b>
Date: <b>7-16-01</b>	Phone: <b>915 - 682 - 4429</b>	Conditions of Approval: Attached <input type="checkbox"/>	

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State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised March 17, 1999

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 85380	Pool Name Siegreist Draw (Morrow)
Property Code	Property Name ANTELOPE STATE	Well Number 1
GRID No. 155615	Operator Name NADEL AND GUSSMAN PERMIAN, L.L.C.	Elevation 3739'

Surface Location


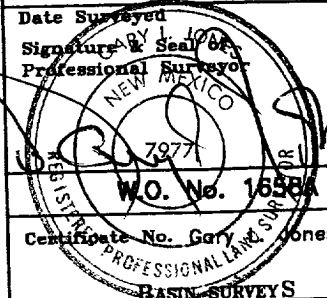
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	20	19 S	24 E		660	NORTH	660	EAST	EDDY

Bottom Hole Location If Different From Surface

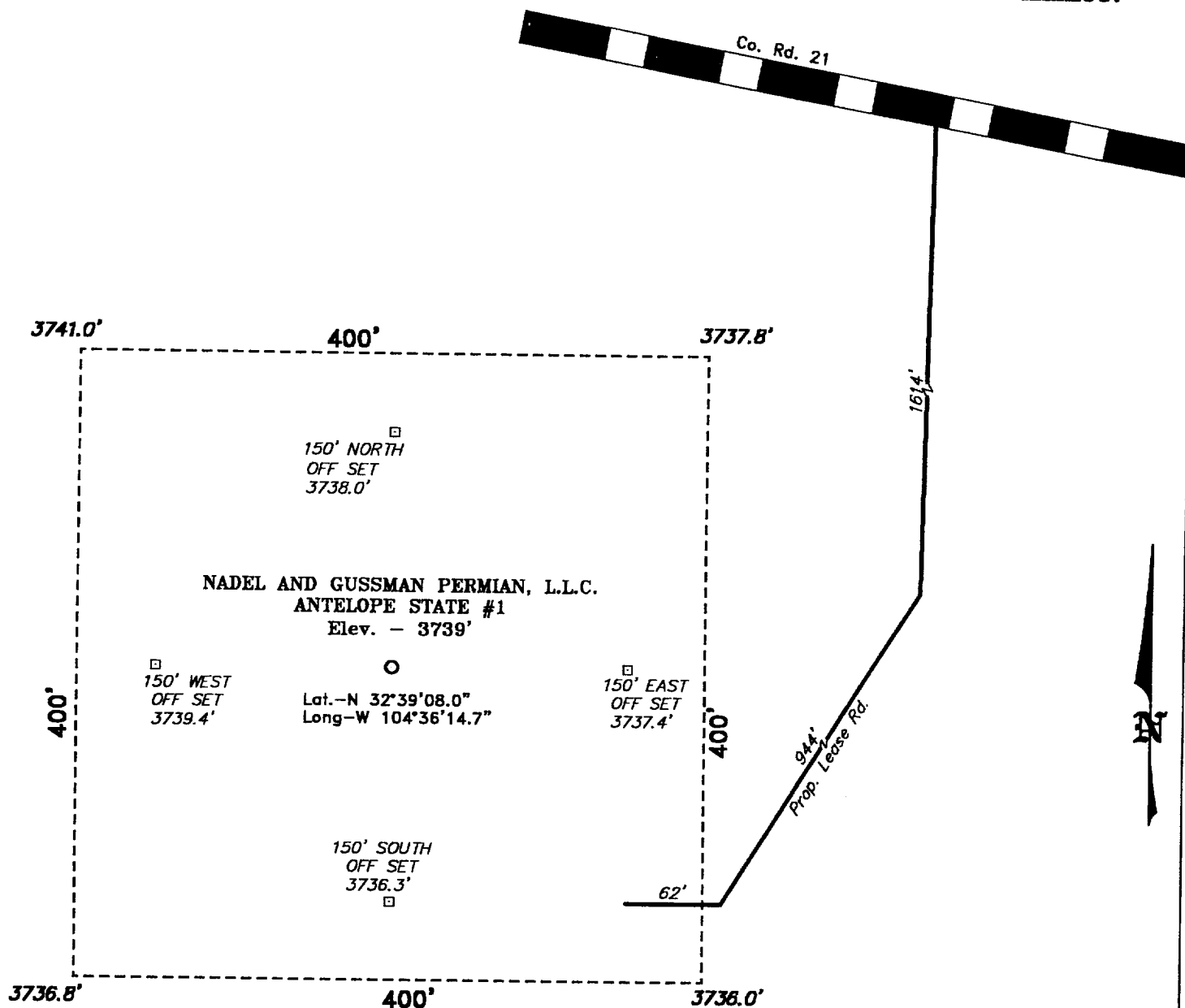
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 320	Joint or Infill ●	Consolidation Code C	Order No. Pending
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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>Lot - N32°39'08.0"</p> <p>Lon - W104°36'14.7"</p>	<p>3741.0'</p> <p>3737.8'</p> <p>660'</p> <p>3736.8'</p> <p>3736.0'</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></p> <p>Signature</p> <p>Robert McNaughton</p> <p>Printed Name</p> <p>Operations Engineer</p> <p>Title</p> <p>7-16-01</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>July 9, 2001</p> <p>Date Surveyed</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p></p> <p>W.O. No. 16584</p> <p>Certificate No. Gary Jones 7977</p> <p>BASIN-SURVEYS</p>

SECTION 20, TOWNSHIP 19 SOUTH, RANGE 24 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.



100 0 100 200 FEET  
SCALE: 1" = 100'

DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF STATE HWY 285  
AND CO. RD. 21, GO WEST ON CO. RD. 21  
FOR 12.5 MILES TO THE PROPOSED LEASE  
ROAD.

**NADEL AND GUSSMAN PERMIAN, L.L.C.**

REF: Antelope State #1 / Well Pad Topo

THE ANTELOPE STATE No. 1 LOCATED 660' FROM  
THE NORTH LINE AND 660' FROM THE EAST LINE OF

SECTION 20, TOWNSHIP 19 SOUTH, RANGE 24 EAST,  
N.M.P.M., EDDY COUNTY, NEW MEXICO.

**BASIN SURVEYS** P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 1658

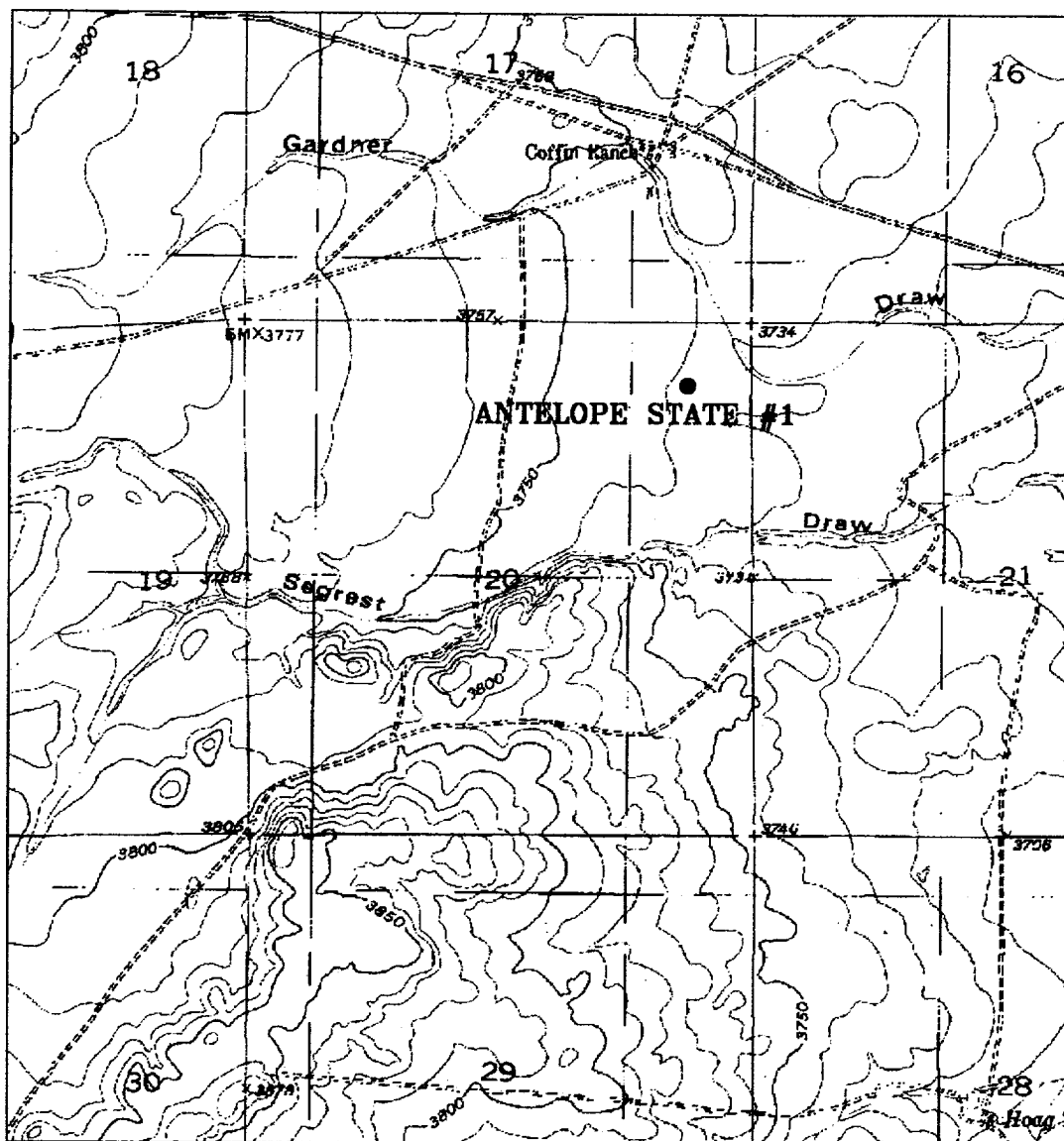
Drawn By: **K. GOAD**

Date: 07-10-2001

Disk: KJG CD#4 - 1658A.DWG

Survey Date: 07-09-2001

Sheet 1 of 1 Sheets



# **ANTELOPE STATE #1**

Located at 660' FNL and 660' FEL

Section 20, Township 19 South, Range 24 East,  
N.M.P.M., Eddy County, New Mexico.

**basin  
surveys**  
focused on excellence  
in the oilfield

P.O. Box 1786  
1120 N. West County Rd.  
Hobbs, New Mexico 88241  
(505) 393-7316 - Office  
(505) 392-3074 - Fax  
basinsurveys.com

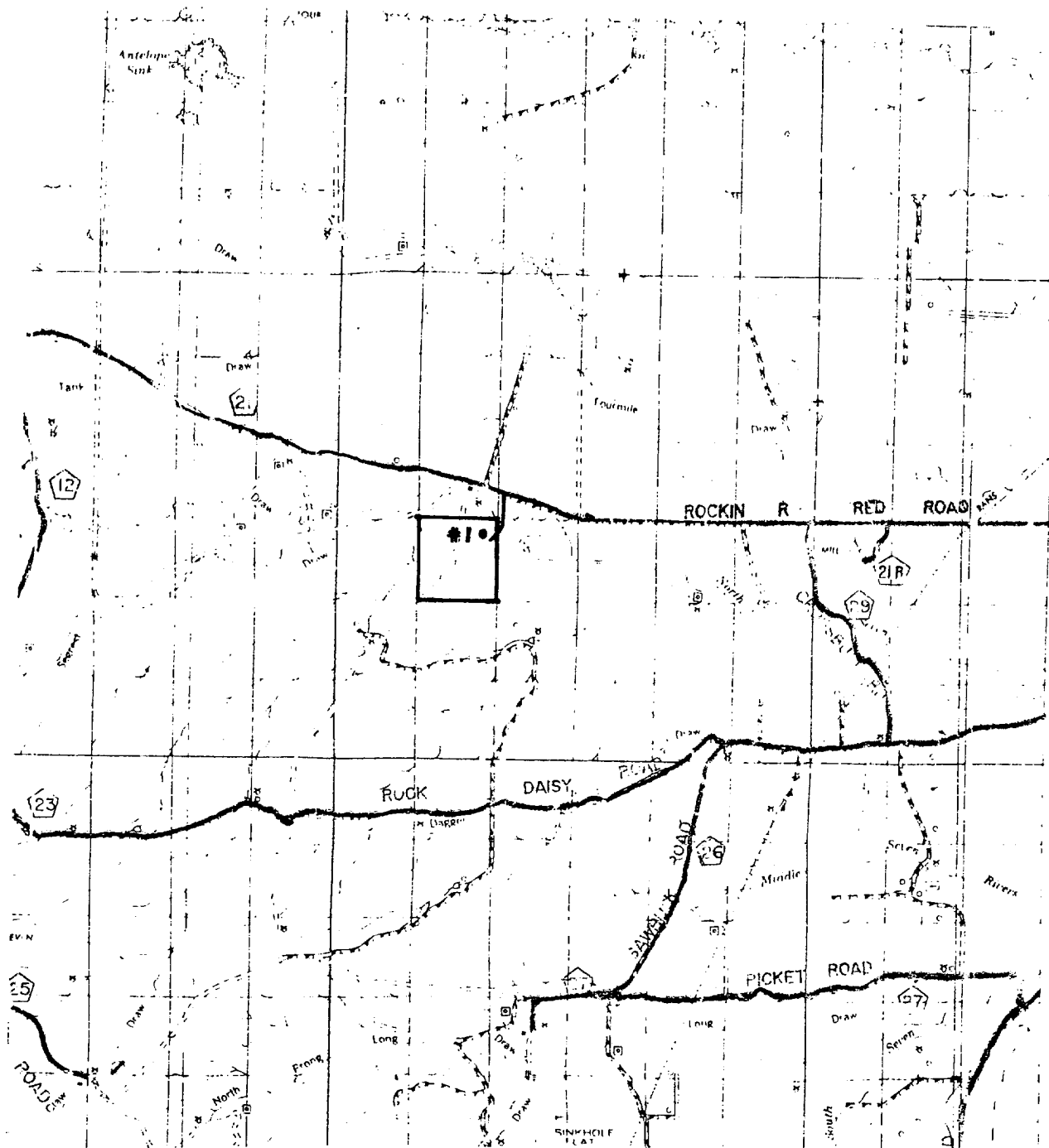
W.O. Number: 1658AA - KJG CD#4

Survey Date: 07-09-2001

Scale: 1" = 2000'

Date: 07-10-2001

**NADEL AND GUSSMAN  
PERMIAN, L.L.C.**



# **ANTELOPE STATE #1**

Located at 660' FNL and 660' FEL  
 Section 20, Township 19 South, Range 24 East,  
 N.M.P.M., Eddy County, New Mexico.

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[basinsurveys.com](http://basinsurveys.com)

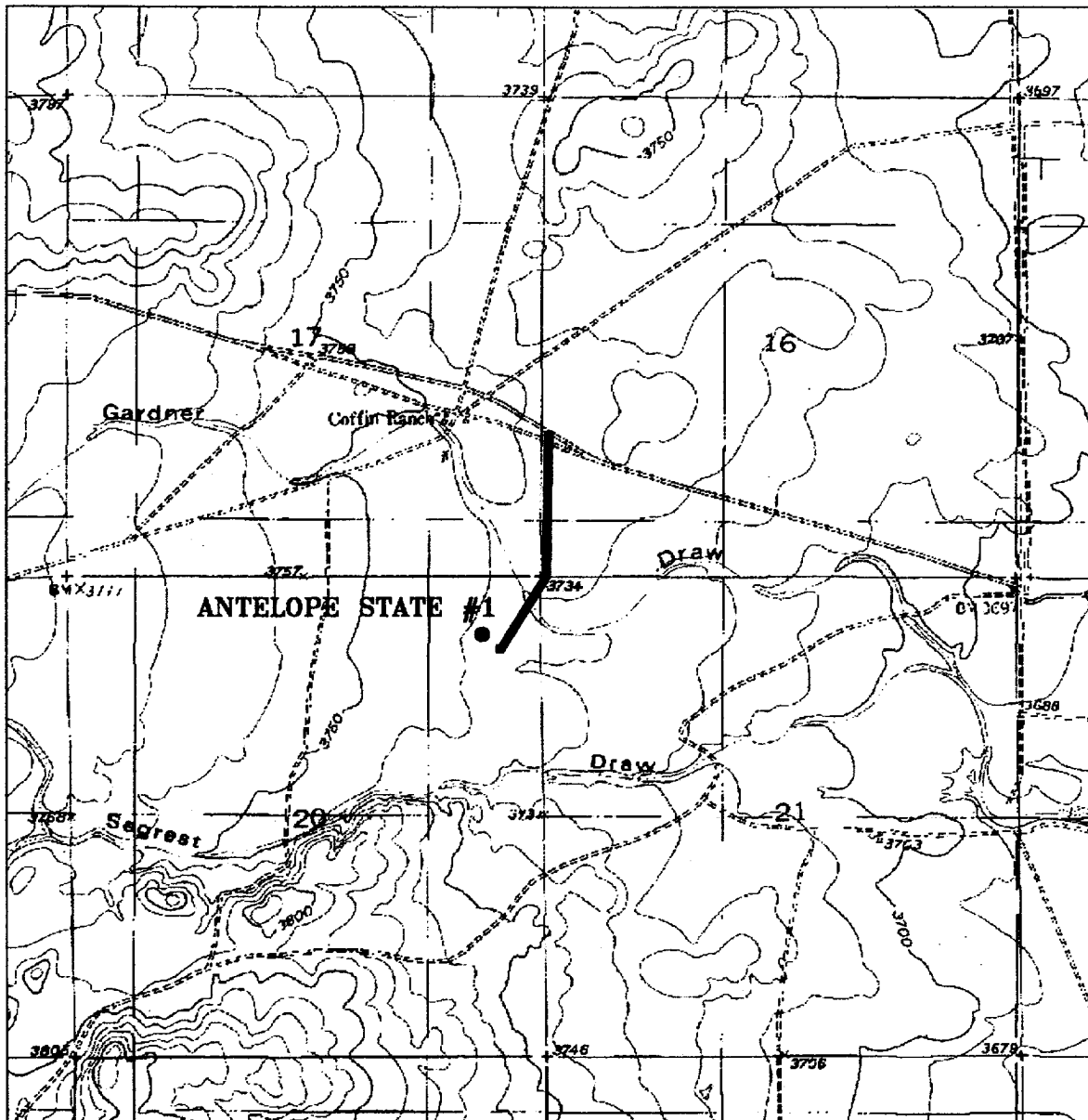
W.O. Number: 1658AA - KJG CD#4

Survey Date: 07-09-2001

Scale: 1" = 2 MILES

Date: 07-10-2001

**NADEL AND GUSSMAN**  
**PERMIAN, L.L.C.**



## PROPOSED ROAD TO THE ANTELOPE STATE #1

Located at 660' FNL and 660' FEL

Sections 16,20,21, Township 19 South, Range 24 East,  
N.M.P.M., Eddy County, New Mexico.

**basin  
surveys**  
focused on excellence  
in the oilfield

P.O. Box 1786  
1120 N. West County Rd.  
Hobbs, New Mexico 88241  
(505) 393-7316 - Office  
(505) 392-3074 - Fax  
basinsurveys.com

W.O. Number: 1658BB - KJG CD#4

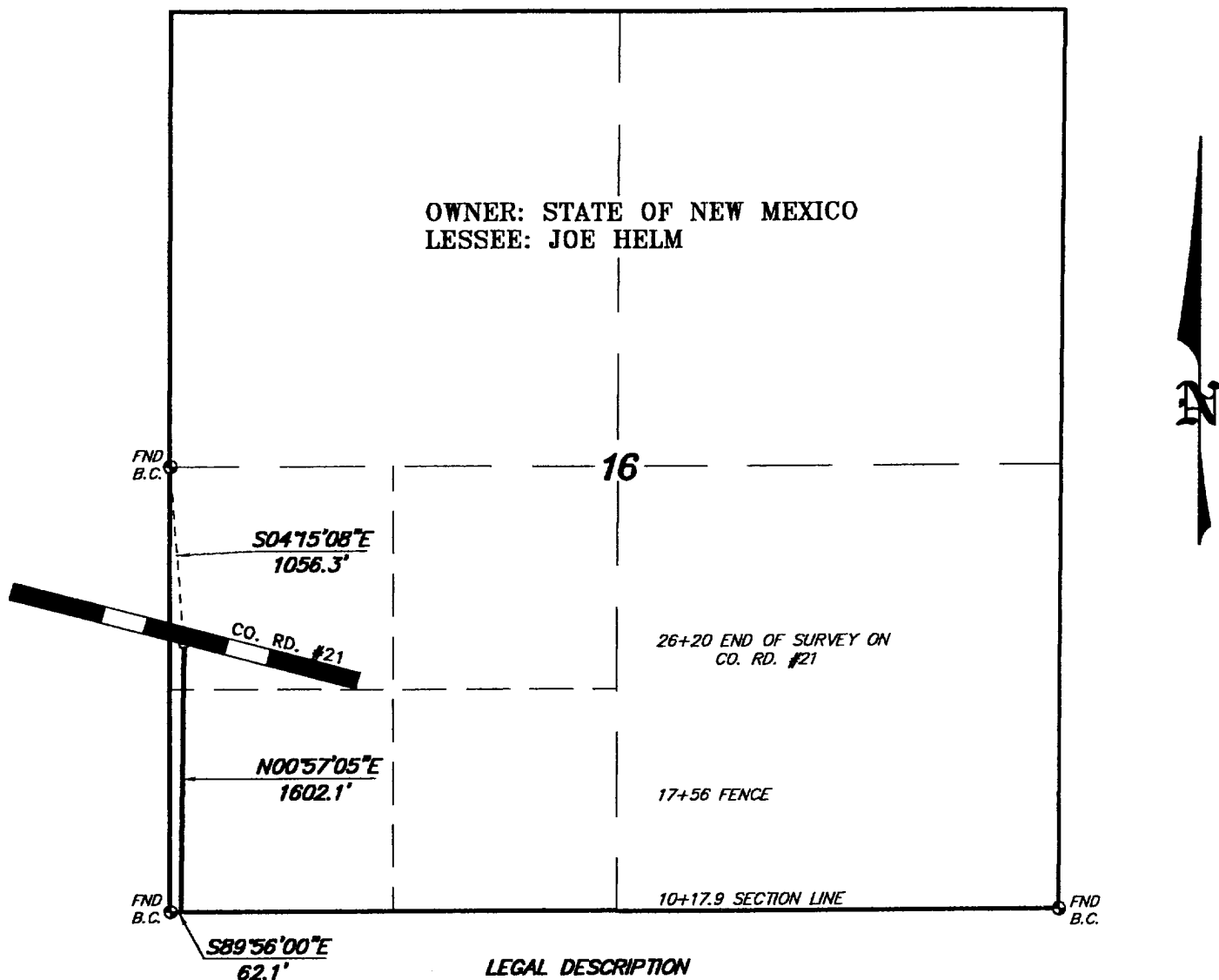
Survey Date: 07-09-2001

Scale: 1" = 2000'

Date: 07-10-2001

**NADEL AND GUSSMAN  
PERMIAN, L.L.C.**

**SECTION 16, TOWNSHIP 19 SOUTH, RANGE 24 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.**



**LEGAL DESCRIPTION**

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 16, TOWNSHIP 19 SOUTH, RANGE 24 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

BEGINNING AT A POINT ON THE SOUTH SECTION LINE WHICH LIES S.89°56'00\"E., 62.1 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION 16; THENCE N.00°57'05\"E., 1602.1 FEET TO THE END OF THIS LINE WHICH LIES S.04°15'08\"E., 1056.3 FEET FROM THE WEST QUARTER CORNER OF SAID SECTION 16. SAID STRIP OF LAND BEING 1602.1 FEET OR 97.10 RODS IN LENGTH AND CONTAINING 1.10 ACRES, MORE OR LESS, AND BEING ALLOCATED BY FORTIES AS FOLLOWS.

SW/4 SW/4 80.47 RODS OR 0.91 ACRES  
NW/4 SW/4 16.63 RODS OR 0.19 ACRES

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES N.M. P.S.  
TEXAS P.L.S.

**BASIN SURVEYS** P.O. BOX 1786 HOBBS, NEW MEXICO

W.O. Number: 1658 Drawn By: **K. GOAD**

Date: 07-10-2001 Disk: KJG CD#5 - NAD1658C.DWG

1000 0 1000 2000 FEET

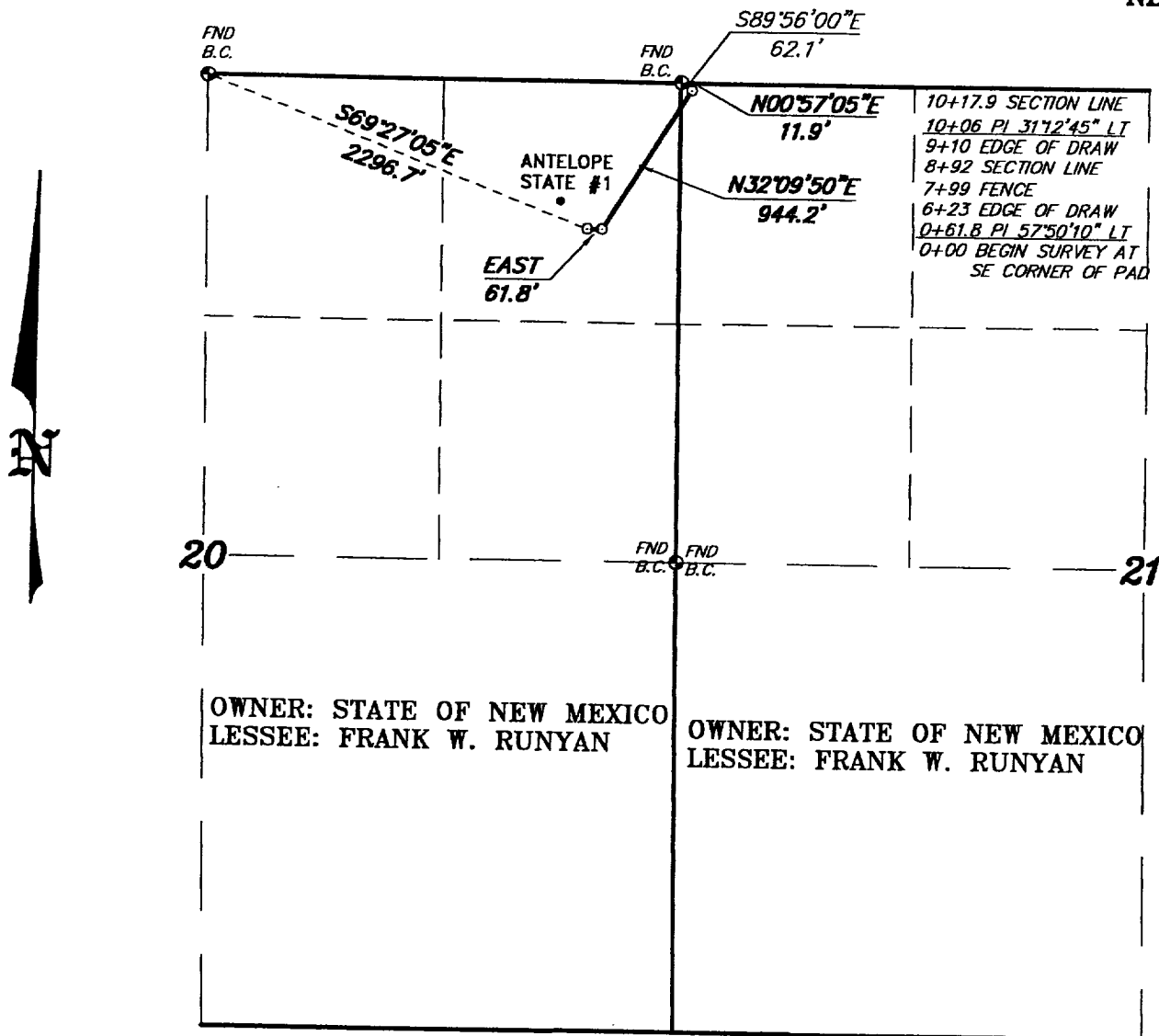
**NADEL AND GUSSMAN PERMIAN, L.L.C.**

REF: PROPOSED ROAD TO THE ANTELOPE STATE #1

A ROAD CROSSING STATE LAND IN  
SECTION 16, TOWNSHIP 19 SOUTH, RANGE 24 EAST,  
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 07-09-2001 Sheet 1 of 1 Sheets

**SECTIONS 20&21, TOWNSHIP 19 SOUTH, RANGE 24 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.**



**LEGAL DESCRIPTION**

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTIONS 20&21, TOWNSHIP 19 SOUTH, RANGE 24 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

BEGINNING AT A POINT WHICH LIES S69°27'05"E., 2296.7 FEET FROM THE NORTH QUARTER CORNER OF SAID SECTION 20; THENCE EAST, 61.8 FEET; THENCE N.32°09'50"E., 944.2 FEET; THENCE N.00°57'05"E., 11.9 FEET TO A POINT ON THE NORTH SECTION LINE WHICH LIES S.89°56'00"E., 62.1 FEET FROM THE NORTHWEST CORNER OF SAID SECTION 21. SAID STRIP OF LAND BEING 1017.9 FEET OR 61.69 RODS IN LENGTH AND CONTAINING 0.70 ACRES, MORE OR LESS, AND BEING ALLOCATED BY FORTIES AS FOLLOWS.

NE/4 NE/4 SEC. 20 54.06 RODS OR 0.61 ACRES  
NW/4 NW/4 SEC. 21 7.63 RODS OR 0.09 ACRES

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES N.M. P.S.  
TEXAS P.L.S.



1000 0 1000 2000 FEET

**NADEL AND GUSSMAN PERMIAN, L.L.C.**

REF: PROPOSED ROAD TO THE ANTELOPE STATE #1

A ROAD CROSSING STATE LAND IN  
SECTIONS 20&21, TOWNSHIP 19 SOUTH, RANGE 24 EAST,  
N.M.P.M., EDDY COUNTY, NEW MEXICO.

**BASIN SURVEYS** P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 1658 Drawn By: **K. GOAD**

Date: 07-10-2001 Disk: KJG CD#5 - NAD1658B.DWG Survey Date: 07-09-2001 Sheet 1 of 1 Sheets