

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resource

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

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 Energen Resources Corporation 3300 N. "A" St., Bldg 4, Ste. 100, Midland, TX 79705		<sup>2</sup> OGRID Number 162928
		<sup>3</sup> API Number 30-025-36083
<sup>4</sup> Property Code 30950	<sup>5</sup> Property Name Amerada State	<sup>6</sup> Well No. 1

<sup>7</sup>Surface Location

UL or lot no. M	Section 4	Township 15-S	Range 33-E	Lot. Idn	Feet from the 990	North/South Line South	Feet from the 330	East/West line West	County Lea
--------------------	--------------	------------------	---------------	----------	----------------------	---------------------------	----------------------	------------------------	---------------

<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

Saunders, San Andres (96196)

<sup>10</sup>Proposed Pool 2

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 4212'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 5200'	<sup>18</sup> Formation San Andres	<sup>19</sup> Contractor	<sup>20</sup> Spud Date ASAP

<sup>21</sup>Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8 5/8"	24#	400'	200	Circulated
7 7/8"	5 1/2"	15.50#	5200'	600	Circulated

<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.

Energen Resources Corporation proposes to drill and test the San Andres Formation as follows:  
Drill an 11" hole to approximately 400', run 8 5/8" casing and cement back to surface. Nipple-up a 9" X 3M# hydraulic double ram BOP w/ a 2" X 3 M# manifold. Install H2S monitoring equipment and train all rig personnel. Drill a 7 7/8" hole to approximately 5200', run 5 1/2" casing and cement back to surface, if samples and logs are positive or P&A in accordance w/ the NMOC's requirements if not. If production casing is ran, plan to perforate and acidize the San Andres formation as necessary and place the well on production.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Sharon Hindman*

Printed name: Sharon Hindman

Title: Regulatory Analyst

Date: 12/18/2002

Phone: 915 684-3693

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: DEC 20 2002

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

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

**DISTRICT II**  
1301 W. Grand Avenue, Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**DISTRICT IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals, and Natural Resources Department

**OIL CONSERVATION DIVISION**

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

Form C-102

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-36083		<sup>2</sup> Pool Code 96196	<sup>3</sup> Pool Name Saunders, San Andres	
<sup>4</sup> Property Code 30950	<sup>5</sup> Property Name AMERADA STATE			<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 162928	<sup>8</sup> Operator Name ENERGEN RESOURCES CORPORATION			<sup>9</sup> Elevation 4212'

**<sup>10</sup> Surface Location**

UL or lot no. M	Section 4	Township 15 SOUTH	Range 33 EAST, N.M.P.M.	Lot Idn	Feet from the 990'	North/South line SOUTH	Feet from the 330'	East/West line WEST	County LEA
--------------------	--------------	----------------------	----------------------------	---------	-----------------------	---------------------------	-----------------------	------------------------	---------------

**<sup>11</sup> 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>12</sup> Dedicated Acres 40		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

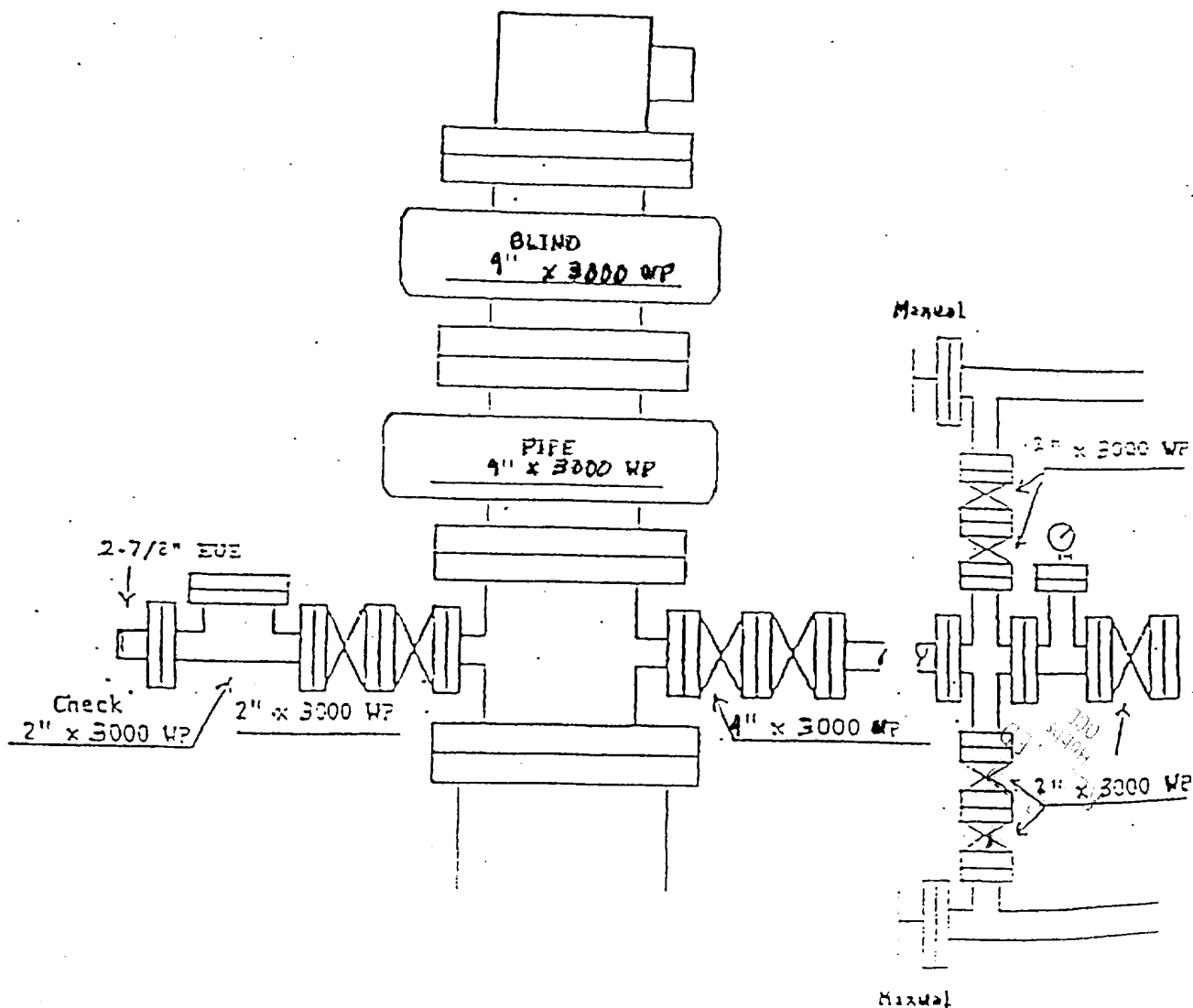
NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div><p><sup>16</sup></p><p>330'</p><p>990'</p><p>40 Ac.</p></div>	<b><sup>17</sup> OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Sharon Hindman Printed Name Regulatory Analyst Title 12/18/2002 Date	
	<b><sup>18</sup> SURVEYOR CERTIFICATION</b> <i>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.</i> DECEMBER 9, 2002 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number V. L. BEZNER R.P.S. #7920 JOB #84992 / 122SE / J.C.P.	

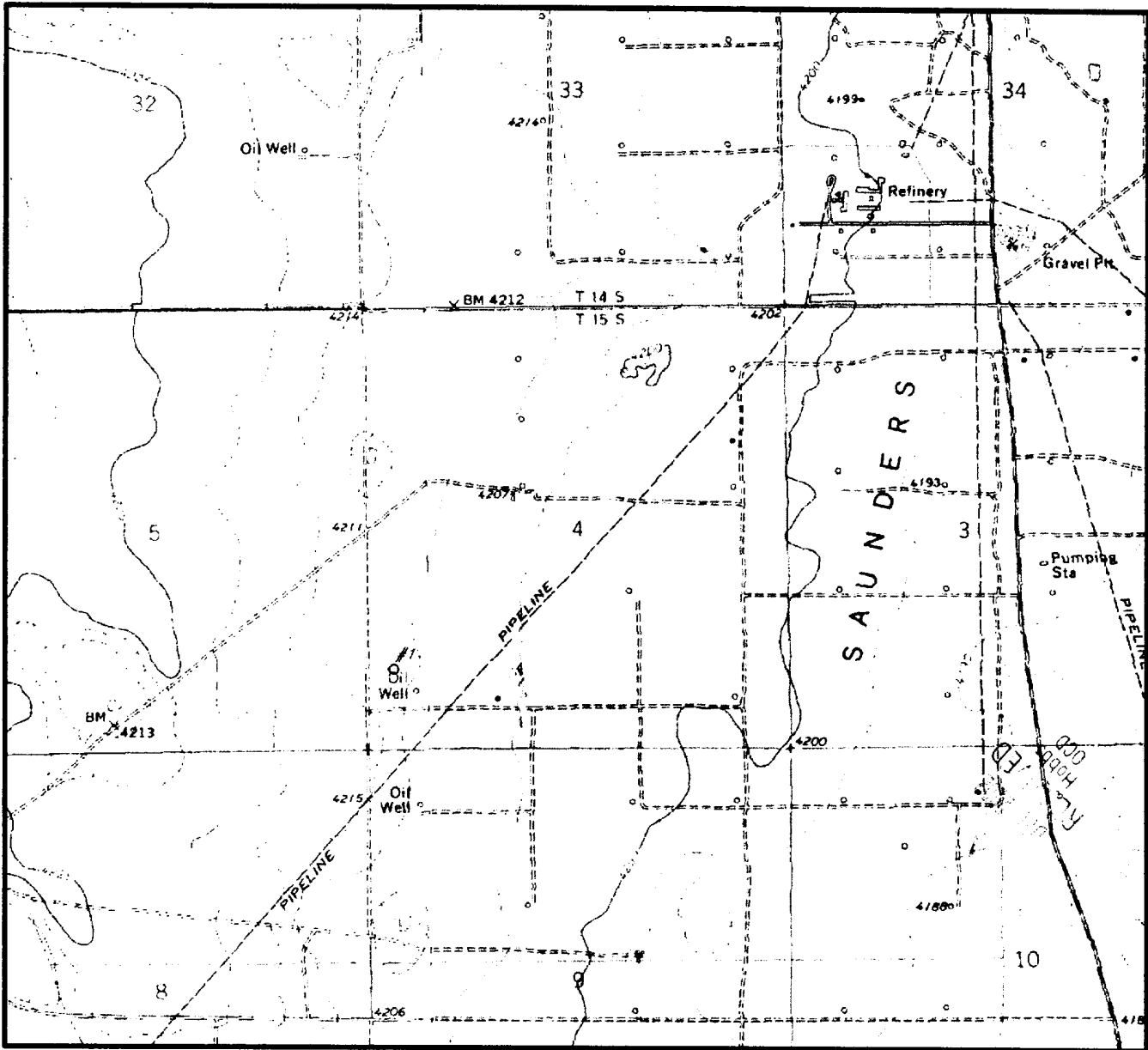
ENERGEN RESOURCES CORPORATION

AMERADA STATE #1

\*BOP DIAGRAM\*  
3,000# MWP BOP & CHOKE MANIFOLD



LOCATION & ELEVATION VERIFICATION MAP



SCALE : 1" = 2000'

CONTOUR INTERVAL 5 FEET

SECTION 4 TWP T-15-S RGE R-33-E  
SURVEY NEW MEXICO PRINCIPAL MERIDIAN  
COUNTY LEA STATE NM  
DESCRIPTION 990' FSL & 330' FWL  
ELEVATION 4212'

OPERATOR ENERGEN RESOURCES CORPORATION  
LEASE AMERADA STATE #1

U.S.G.S. TOPOGRAPHIC MAP  
DEAN RANCH, NEW MEXICO

LAT. 33°02'28"  
LONG. 103°37'36"



This location has been very carefully staked on the ground according to the best official survey records, maps, and other data available to us.  
Review this plat and notify us immediately of any possible discrepancy.

TOPOGRAPHIC LAND SURVEYORS

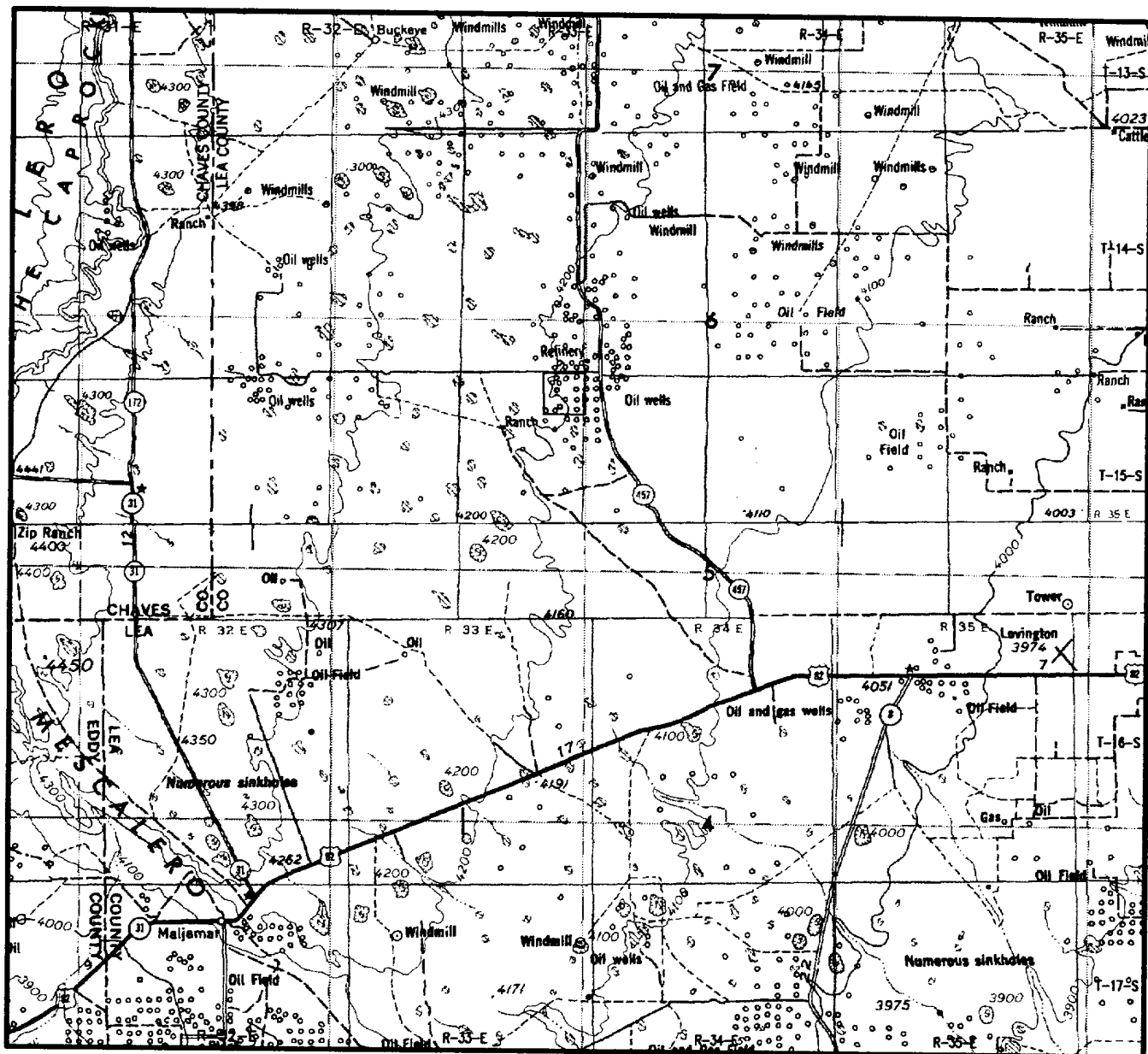
*Surveying & Mapping for the Oil & Gas Industry*

1307 N. HOBART  
PAMPA, TX. 79065  
(800) 658-6382

6709 N. CLASSEN BLVD.  
OKLAHOMA CITY, OK. 73116  
(800) 654-3219

2903 N. BIG SPRING  
MIDLAND, TX. 79705  
(800) 767-1653

VICINITY MAP



SECTION 4 TWP T-15-S RGE R-33-E  
SURVEY NEW MEXICO PRINCIPAL MERIDIAN  
COUNTY LEA STATE NM  
DESCRIPTION 990' FSL & 330' FWL

OPERATOR ENERGEN RESOURCES CORPORATION  
LEASE STATE "F" #7

DISTANCE & DIRECTION FROM JCT. OF U.S. 82 & S.H.  
457 ±11.0 MILES WEST OF LOVINGTON, GO NORTH 8.5  
MILES ON S.H. 457, THENCE WEST 0.7 MILE ON LEASE  
ROAD, THENCE SOUTH 0.2 MILE ON LEASE RD., THENCE  
WEST 0.9 MILE ON LEASE ROAD TO A POINT ±100'  
SOUTH OF THE LOCATION.



This location has been very carefully staked on the ground according to the best official survey records, maps, and other data available to us.  
Review this plat and notify us immediately of any possible discrepancy.

TOPOGRAPHIC LAND SURVEYORS

Surveying & Mapping for the Oil & Gas Industry

1307 N. HOBART  
PAMPA, TX. 79065  
(800) 658-6382

6709 N. CLASSEN BLVD.  
OKLAHOMA CITY, OK. 73116  
(800) 654-3219

2903 N. BIG SPRING  
MIDLAND, TX. 79705  
(800) 767-1653