

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

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

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 30-025-36085
<sup>4</sup> Property Code 29529-27813	<sup>5</sup> Property Name State "F"	<sup>6</sup> Well No. 7

<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
0	4	15-S	33-E		990'	South	2310'	East	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
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<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 4202'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 5,200'	<sup>18</sup> Formation San Andres	<sup>19</sup> Contractor TBD	<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"	24.00#	400'	200	Circulate
7 7/8"	5 1/2"	15.50#	5,200'	600	Circulate

<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 a 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 3M# choke manifold. Install H2S monitoring equipment and train all rig personnel. Drill a 7 7/8" hole to approximately 5,200', run 5 1/2" casing and cement back to the surface if the samples and logs are positive, or P&A in accordance w/the NMOC's requirements. If production casing is ran, plan to perforate & 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: <i>Sharon Hindman</i>		OIL CONSERVATION DIVISION PAUL F. KAUTZ Approved by: PETROLEUM ENGINEER	
Printed name: Sharon Hindman		Title:	
Title: Regulatory Analyst		Approval Date:	Expiration Date:
Date: 12/18/2002	Phone: 915 684-3693	Condition: <i>DEC 20 2002</i> Attached <input type="checkbox"/>	

Permit Expires: 12/18/2003  
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 30-025-36085	<sup>2</sup> Pool Code 96196	<sup>3</sup> Pool Name Saunders, San Andres
<sup>4</sup> Property Code 27813	<sup>5</sup> Property Name STATE "F"	<sup>6</sup> Well Number 7
<sup>7</sup> OGRID No. 162928	<sup>8</sup> Operator Name ENERGEN RESOURCES CORPORATION	<sup>9</sup> Elevation 4202'

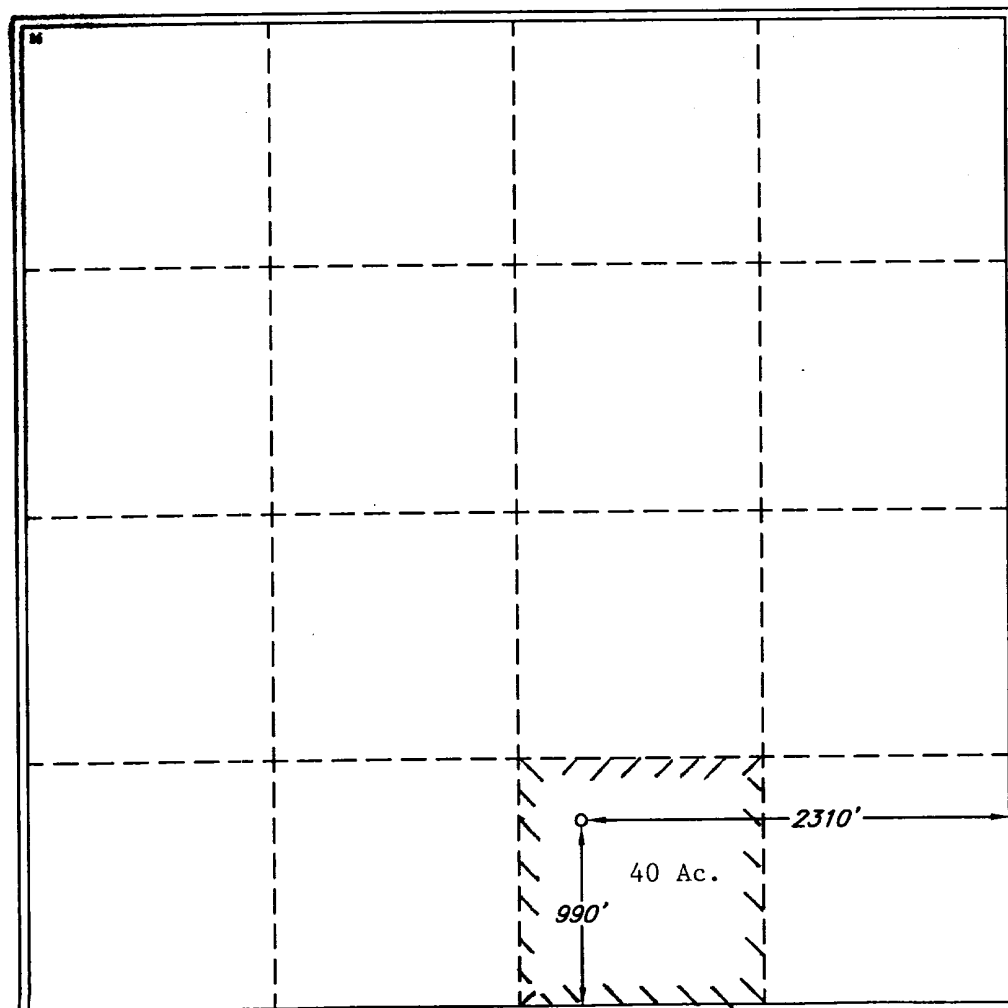
<sup>10</sup> Surface Location

UL or lot no. 0	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 2310'	East/West line EAST	County LEA
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<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**

	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Sharon Hindman</i> Signature</p> <p>Sharon Hindman Printed Name</p> <p>Regulatory Analyst Title</p> <p>12/18/2002 Date</p>
	<p><sup>18</sup> 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>DECEMBER 9, 2002 Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p><i>V. L. Bezner</i> Certificate Number</p> <p>V. L. BEZNER R.P.S. #7920 JOB #84993 / 122SE / J.C.P.</p>

New Mexico Oil Conservation Division  
C-102 Instructions

IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABELED  
"AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed contact the appropriate OCD district office. Independent subdivision surveys will not be acceptable.

1. The OCD assigned API number for this well
2. The pool code for this (proposed) completion
3. The pool name for this (proposed) completion
4. The property code for this (proposed) completion
5. The property name (well name) for this (proposed) completion
6. The well number for this (proposed) completion
7. Operator's OGRID number
8. The operator's name
9. The ground level elevation of this well
10. The surveyed surface location of this well measured from the section lines. NOTE: If the United States government survey designates a Lot Number for this location use that number in the "UL or lot no." box. Otherwise use the OCD unit letter.
11. Proposed bottom hole location. If this is a horizontal hole indicate the location of the end of the hole.
12. The calculated acreage dedicated to this completion to nearest hundredth of an acre
13. Put a Y if more than one completion will be sharing this same acreage or N if this is the only completion on this acreage
14. If more than one lease of different ownership has been dedicated to the well show the consolidation code from the following table:

C	Communitization
U	Unitization
F	Forced pooling
O	Other
P	Consolidation pending

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!

16. This grid represents a standard section. You may superimpose a non-standard section over this grid. Outline the dedicated acreage and the separate leases within that dedicated acreage. Show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. (Note: A legal location is determined from the perpendicular distance to the edge of the tract.) If this is a high angle or horizontal hole show that portion of the well bore that is open within this pool.

Show all lots, lot numbers, and their respective acreage.

If more than one lease has been dedicated to this completion, outline each one and identify the ownership as to both working interest and royalty.

17. The signature, printed name, and title of the person authorized to make this report, and the date this document was signed.
18. The Registered surveyors certification. This section does not have to be completed if this form has been previously accepted by the OCD and is being filed for a change of pool or dedicated acreage.

15. Write in the OCD order(s) approving a non-standard location, non-standard spacing, or directional or horizontal drilling

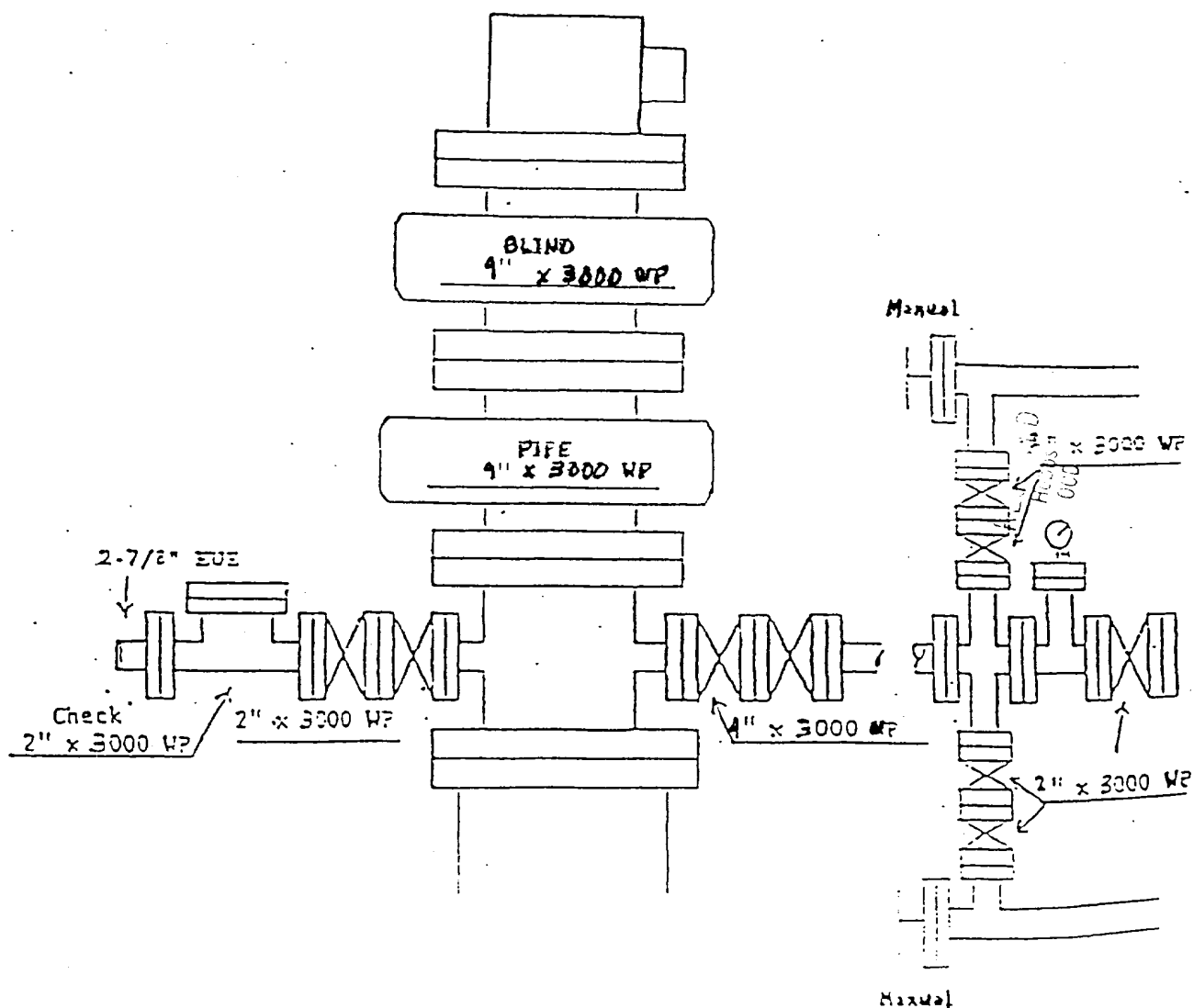


# ENERGEN RESOURCES CORPORATION

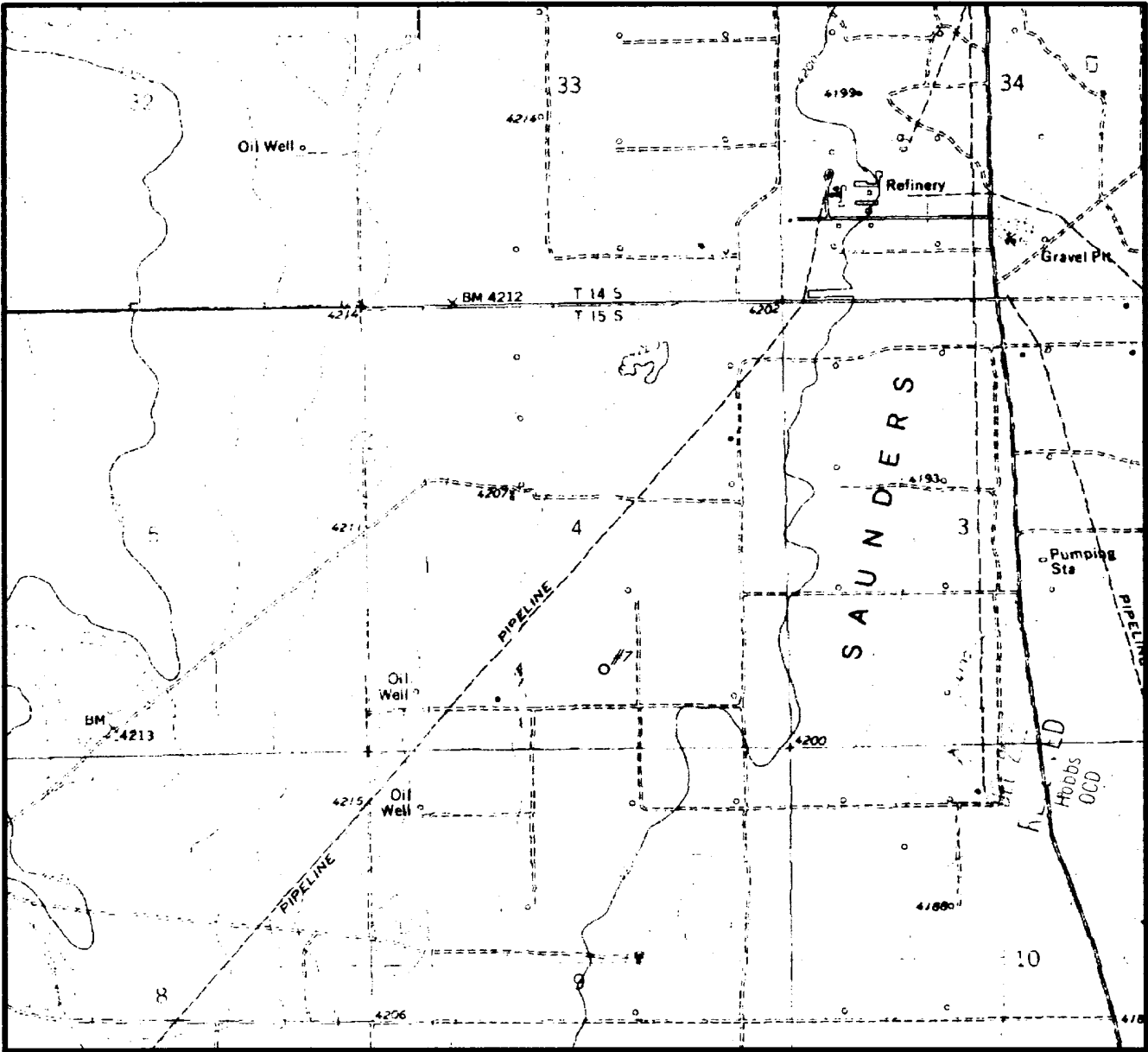
STATE "F" #7

\*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 & 2310' FEL  
ELEVATION 4202'

OPERATOR **ENERGEN RESOURCES CORPORATION**  
LEASE STATE "F" #7

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

LAT. 33°02'28"  
LONG. 103°37'05"



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

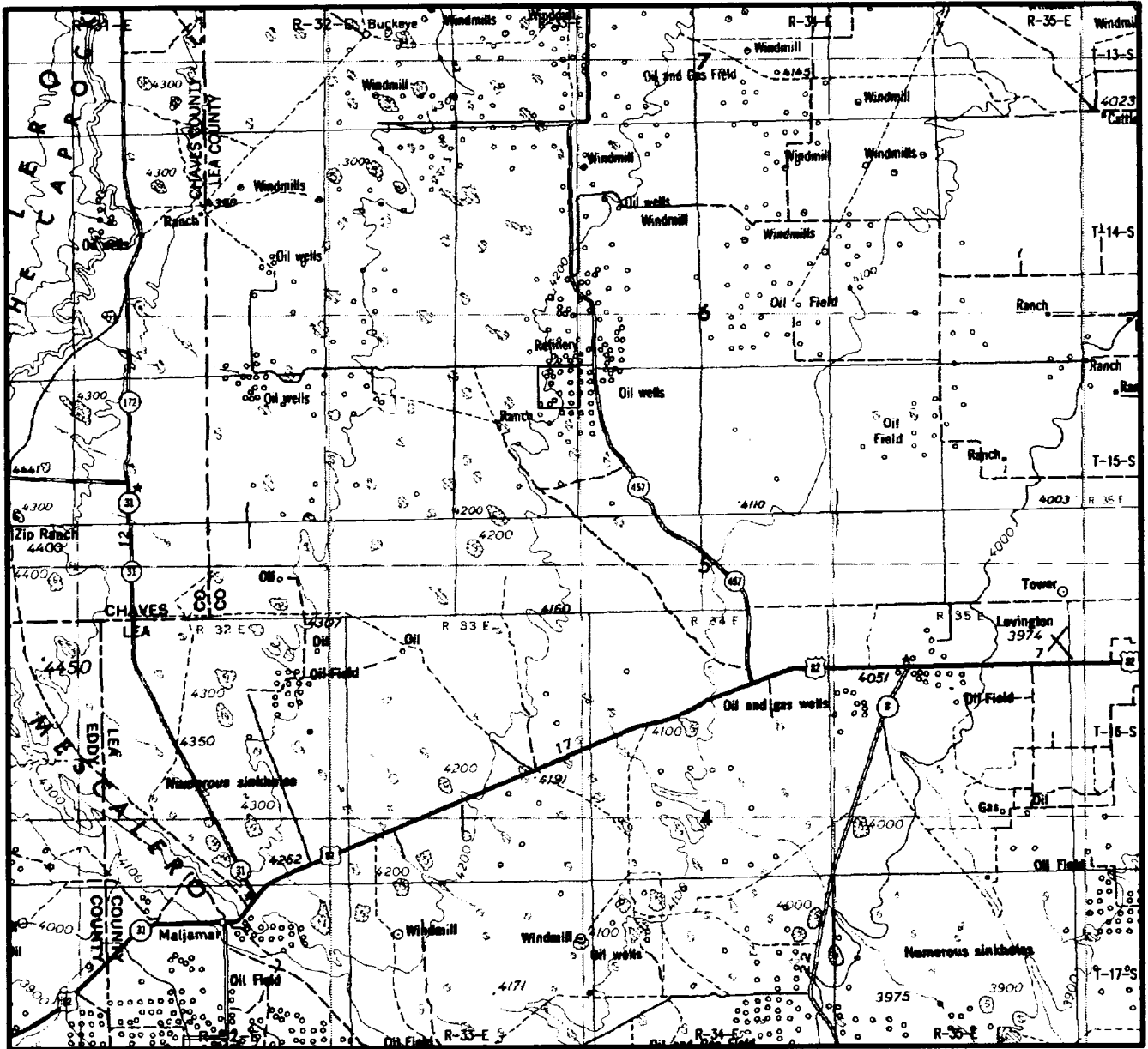
Surveying & Mapping for the Oil & Gas Industry

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 & 2310' FEL

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 0.4 MILE ON LEASE ROAD TO A POINT ±400'  
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

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