

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 11 South First, 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 Resources Department

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

Form C-101  
 Revised October 18, 1994  
 Instructions on back  
 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. ✓ Energen Resources Corporation 3300 N. "A" St, Bldg 4, Ste 100 Midland, TX 79705		Permit Expires 1 Year From Approval Date Unless Drilling Underway	' OGRID Number 162928
' Property Code 24465		' Property Name Beadle	' API Number 30-025-34606
		' Well No. 1	

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	35	15 S	35 E		330	South	330	West	Lea

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
' Proposed Pool 1 WEST LOVINGTON - STRAWN					' Proposed Pool 2 CHAMBERS (WOLFCAMP)				

' Work Type Code N	' Well Type Code O	' Cable/Rotary R	' Lease Type Code P	' Ground Level Elevation 3,948'
' Multiple No	' Proposed Depth 11,900'	' Formation Strawn	' Contractor Unknown	' Spud Date 05/20/99

21 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#	400'	450	Surface
11 "	8 5/8"	32#	4,800'	1,200	Surface
7 7/8"	5 1/2"	17# & 20#	11,900'	600	8,500'

" 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. Plan to drill a 17 1/2" hole to 400' run 13 3/8" H-40 48# ST&C casing, & cement to surface. Install a 13 3/8" SOW wellhead, NU a 11" x 5M# hydraulic double ram BOP, & a 11" x 5M# annular BOP w/ a 4" x 5M# choke manifold. Install H2S monitoring equipment & train all personnel. Drill a 11" hole to 4,800', run 8 5/8" K-55 32# ST&C casing & cement to surface. NU & test the same BOP stack. Drill a 7 7/8" hole to approximately 11,900', run 1 DST to evaluate the Strawn formation. If productive, run 5 1/2" L-80 17# & 20# LT&C casing, perforate & acidize as necessary. If non-productive, P&A as per the OCD's requirements.

" I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *T J Lawler*  
 Printed name: Terry J. Lawler  
 Title: Production Superin

OIL CONSERVATION DIVISION  
 Approved by: ORIGINAL SUPERVISOR  
 TRICIA SUPERVISOR  
 NMOCD CASE NO. 12174  
 APRIL 29, 1999  
 EXHIBIT NO. 1  
 SUBMITTED BY:  
 ENERGEN RESOURCES CORP

Expiration Date:

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
Drawer 100, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

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

DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34606	Pool Code 40875	Pool Name West Lovington - Strawn
Property Code 24465	Property Name BEADLE	Well Number 1
OGRID No. 162928	Operator Name ENERGEN RESOURCES CORPORATION	Elevation 3948

Surface Location

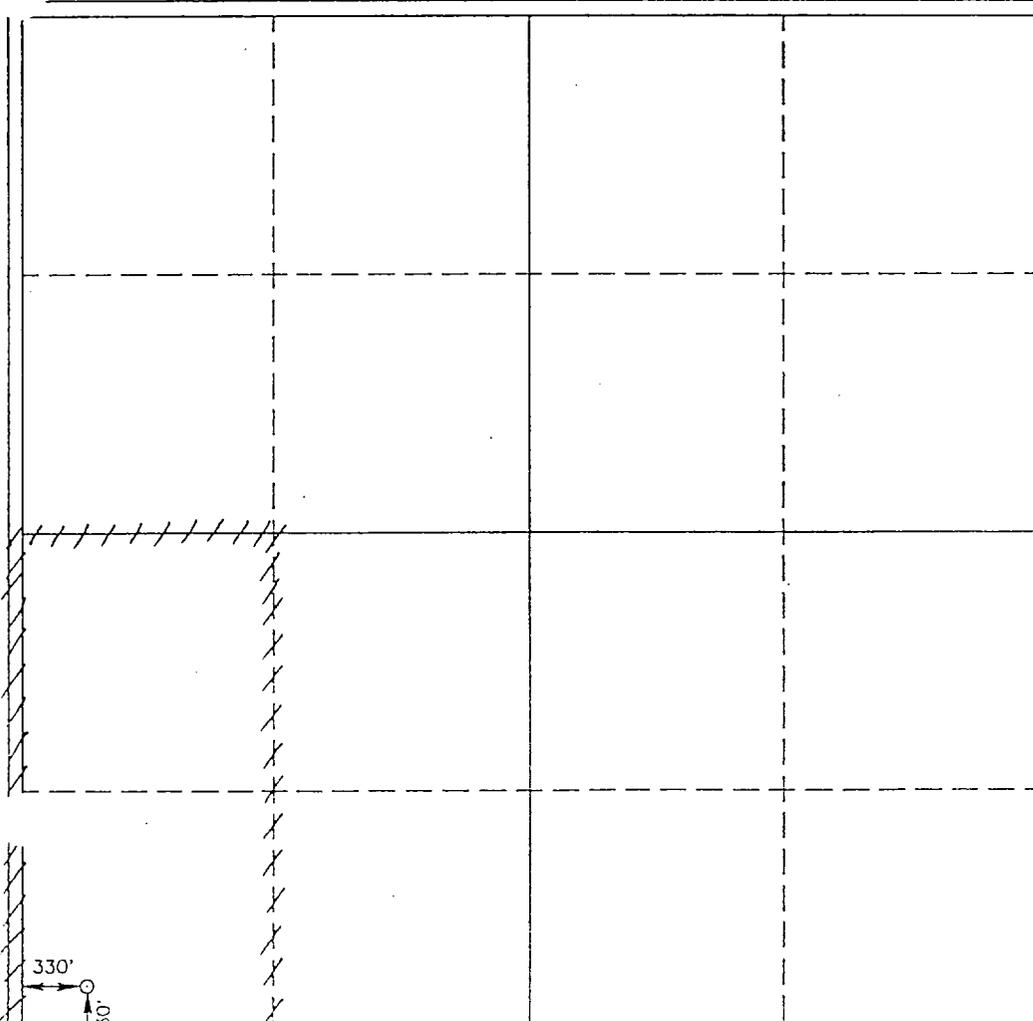
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Bottom Hole Location If Different From Surface

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

Dedicated Acres 80	Joint or Infill	Consolidation Code *Pending Hearing 4/29/99	Order No.
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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



**OPERATOR CERTIFICATION**

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

*T J Lawler*  
Signature

Terry J. Lawler  
Printed Name

Production Superintendent  
Title

4/13/99  
Date

---

**SURVEYOR CERTIFICATION**

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.

RONALD J. EIDSON  
Date Surveyed 4/29/99

Signature & Seal of Professional Surveyor  
3228

W.O. No. 31-99  
-0269

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Certificate No. RONALD J. EIDSON, 3235  
GARY G. EIDSON, 12443  
MACON McDONALD, 12755

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Energy, Minerals and Natural Resources Department

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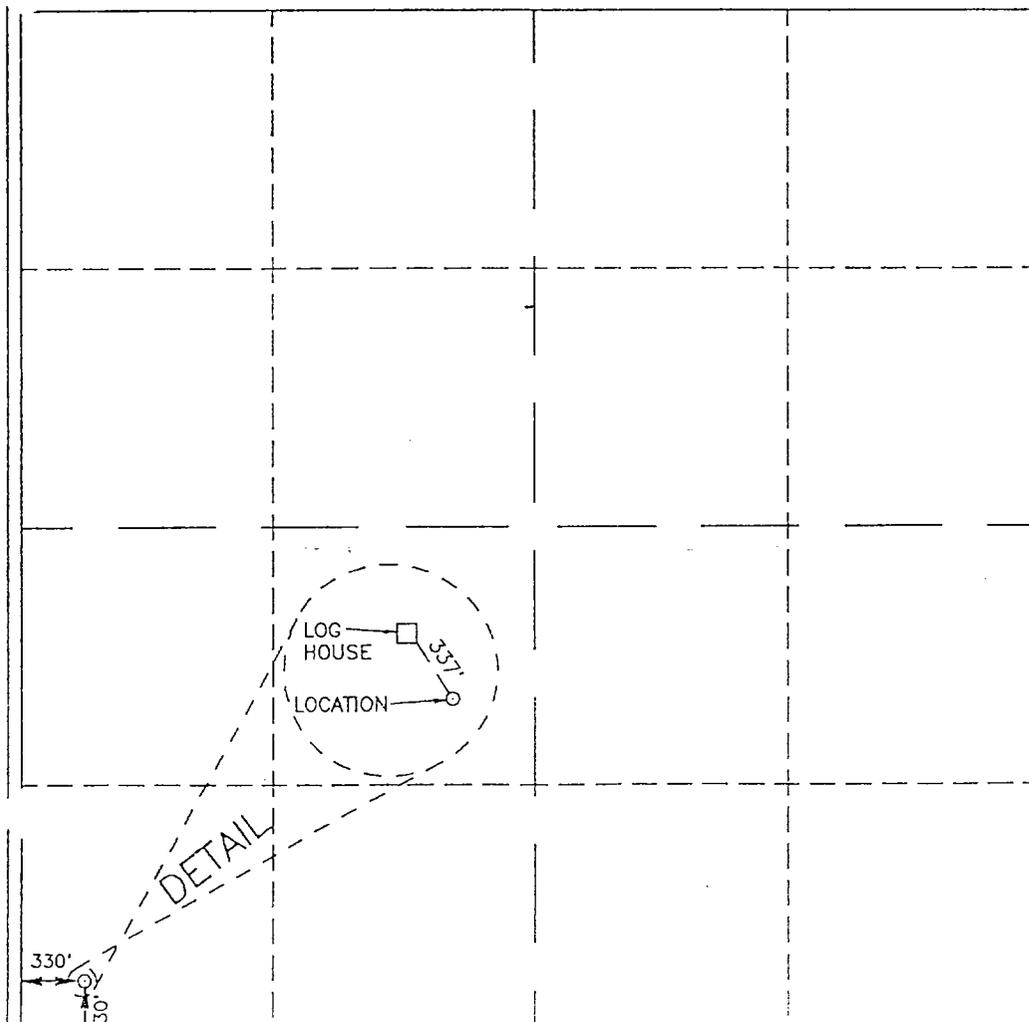
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Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
80		*Pending Hearing	4/29/99.

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*T. J. Lawler*  
Signature

Terry J. Lawler  
Printed Name

Production Superintendent  
Title

4/13/99  
Date

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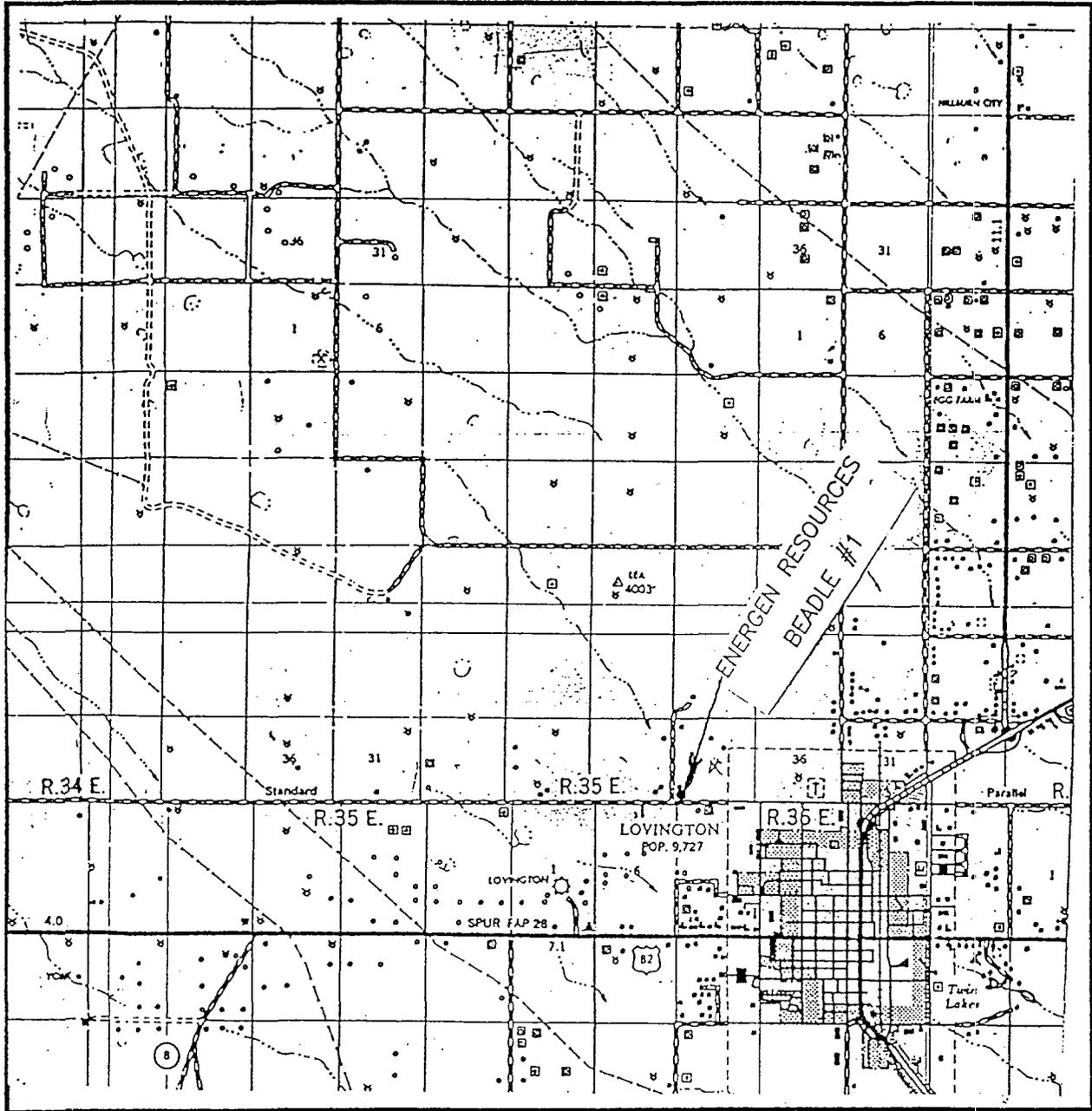
MARCH 29, 1999  
Date Surveyed

\_\_\_\_\_  
Signature & Seal of Professional Surveyor

W.O. Num. 99-11-0269

Certificate No. RONALD J. EIDSON, 3235  
GARY G. EIDSON, 1254  
MACON McDONALD, 1278

# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 35 TWP. 15-S RGE. 35-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330' FSL & 330' FWL

ELEVATION 3948'

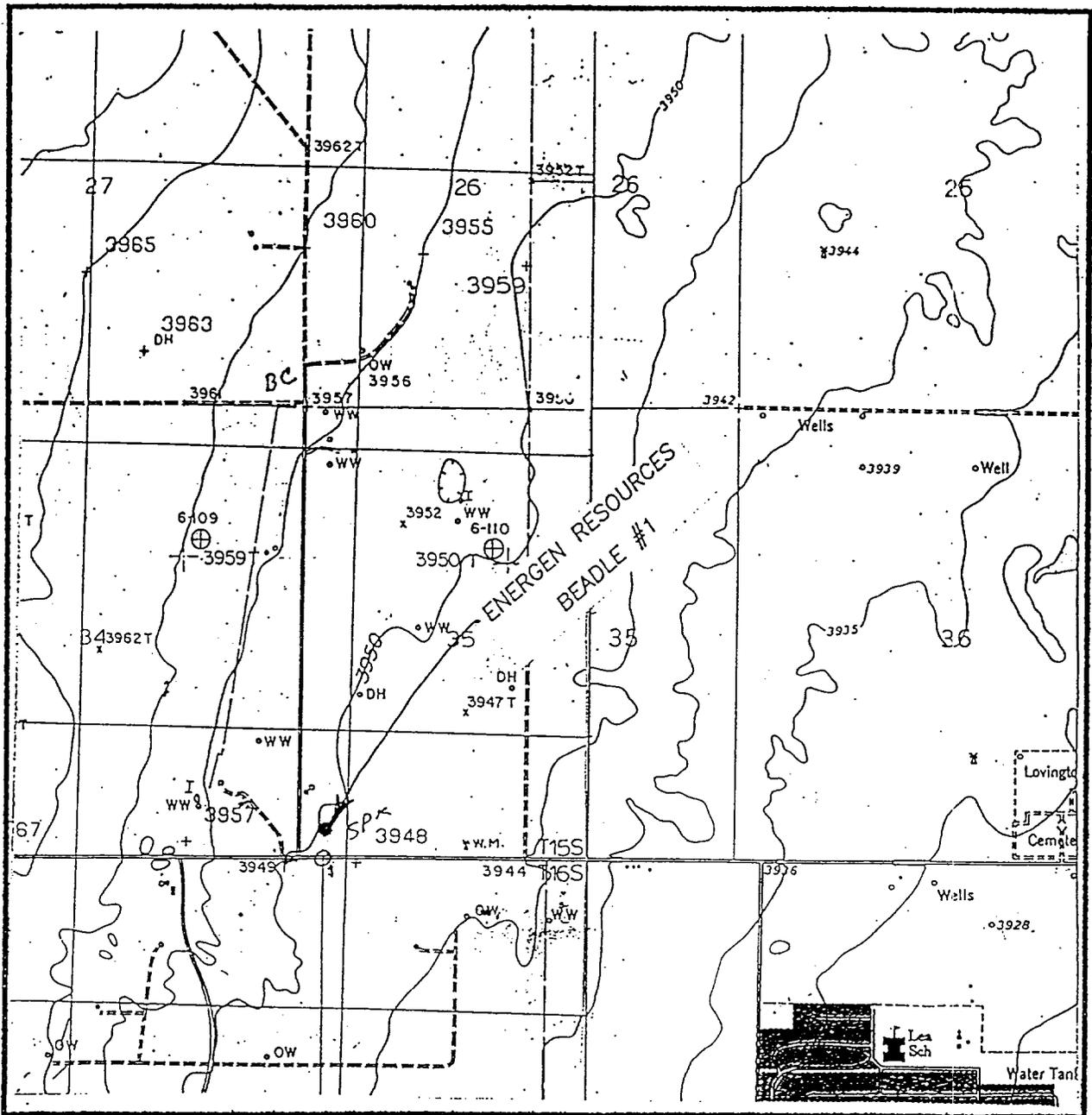
OPERATOR ENERGEN RESOURCES

LEASE BEADLE

**JOHN WEST SURVEYING**  
**HOBBS, NEW MEXICO**

(505) 393-3117

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 5'

SEC. 35 TWP. 15-S RGE. 35-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330' FSL & 330' FWL

ELEVATION 3948'

OPERATOR ENERGEN RESOURCES

LEASE BEADLE

U.S.G.S. TOPOGRAPHIC MAP

**JOHN WEST SURVEYING**  
**HOBBS, NEW MEXICO**  
**(505) 393-3117**