

Drilling Department
BURLINGTON RESOURCES
Mid-Continent Division



Burlington Resources main office phone
number: (915) 688-6800

FAX

Date 3/17/97 3/20/97
of pgs sheet including cover 89

TO: Mike Stogner
Oil Conservation Division
Phone: 505-827-8185
Fax: 505-827-1389
CC: _____

FROM: Donna Williams
Burlington Resources
Phone: _____
Fax: 915-688-6007

URGENT



For Your Review



Reply ASAP



Please Comment



MESSAGE:

This well is a 40 acre oil well. Please advise of application.
Thanks you. Please contact me if you need further information.

**BURLINGTON
RESOURCES**

MID-CONTINENT DIVISION

March 20, 1997

Mr. Mike Stogner
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

RE: Request for Administrative Approval
Unorthodox Well Location
Proposed Red Deer '24' Federal Well No. 1
Sec. 24, T23S, R32E
Lea County, New Mexico

Mr. Stogner:

Burlington Resources Oil & Gas Company respectfully request administrative approval for an unorthodox well location located in Lea County, New Mexico. This proposed well is a Bone Spring/Delaware completion on a 40 acre spacing unit. The original location was to be 2310' FSL & 1650' FEL; however, due to a powerline as indicated on the enclosed plat, the location had to be moved. Since this is a new area for Burlington, the direction of the move was not only based on topography, but also on seismic information. Along with Burlington's policy to alleviate the amount of surface disturbance on federal land, the decision was made to move the location 100' north. As shown on the enclosed structure maps, this decision supported the staked location of 2410' FSL & 1650' FEL which is on the crest of the structure. As this move encroaches on an internal 40 acre tract within our lease, Burlington Resources feels that no other notification is required.

Should you need additional information, or have any questions, please do not hesitate to contact me at 915-688-6943.

Sincerely,



Donna J. Williams
Regulatory Compliance

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

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form 7-104
Revised 02-10-94

Instructions on back

Submit to the Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

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

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

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

☐ AMENDED REPORT

DISTRICT IV
P. O. Box 2088
Santa Fe, NM 87507-2088

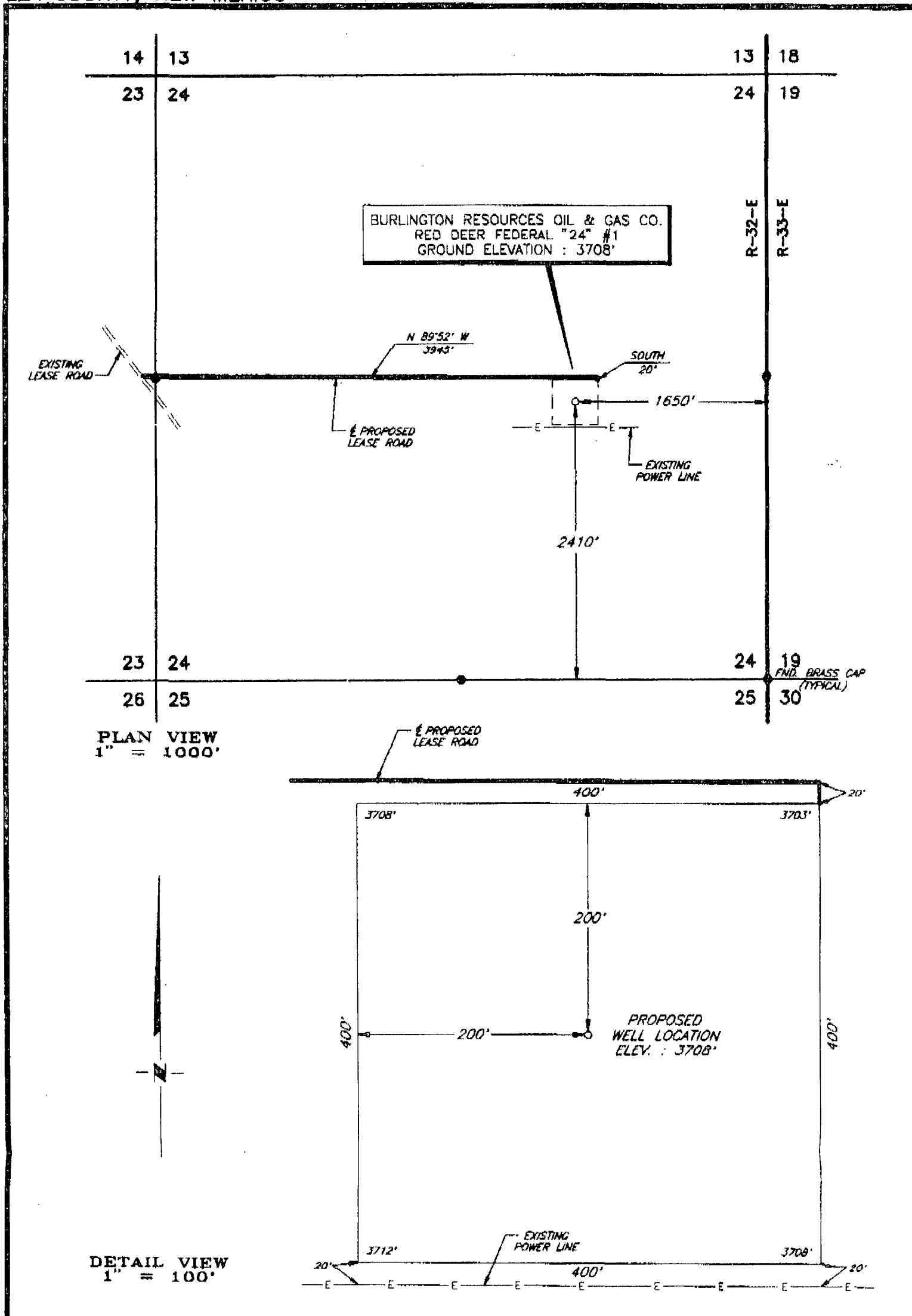
WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 17644/96643		3 Pool Name Diamondtail Bone Spring/Wildcat Delaware					
4 Property Code		5 Property Name RED DEER '24' FEDERAL						6 Well Number 1	
7 OGRID No. 26485		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY						9 Elevation 3708'	
10 SURFACE LOCATION									
UL or lot no. J	Section 24	Township 23 SOUTH	Range 32 EAST, N.M.P.M.	Lot Ida	Feet from the 2410'	North/South line SOUTH	Feet from the 1650'	East/West line EAST	County LEA
11 BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 40		13 Joint or Infill		14 Consolidation Code		15 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

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
	Signature Donna Williams	
	Printed Name Regulatory Compliance	
	Title 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.	
	Date of Survey OCTOBER 25, 1996	
	Signature and Seal of Professional Surveyor 	
	Certified True and Correct V. L. BEZNER LAND SURVEYOR #7820 JOB #48180 / 47SE-SW / V.H.B.	

WELL LOCATION AND LEASE ROAD IN
SECTION 24, T-23-S, R-32-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



NO.	REVISION	DATE	BY

BURLINGTON RESOURCES OIL & GAS CO.

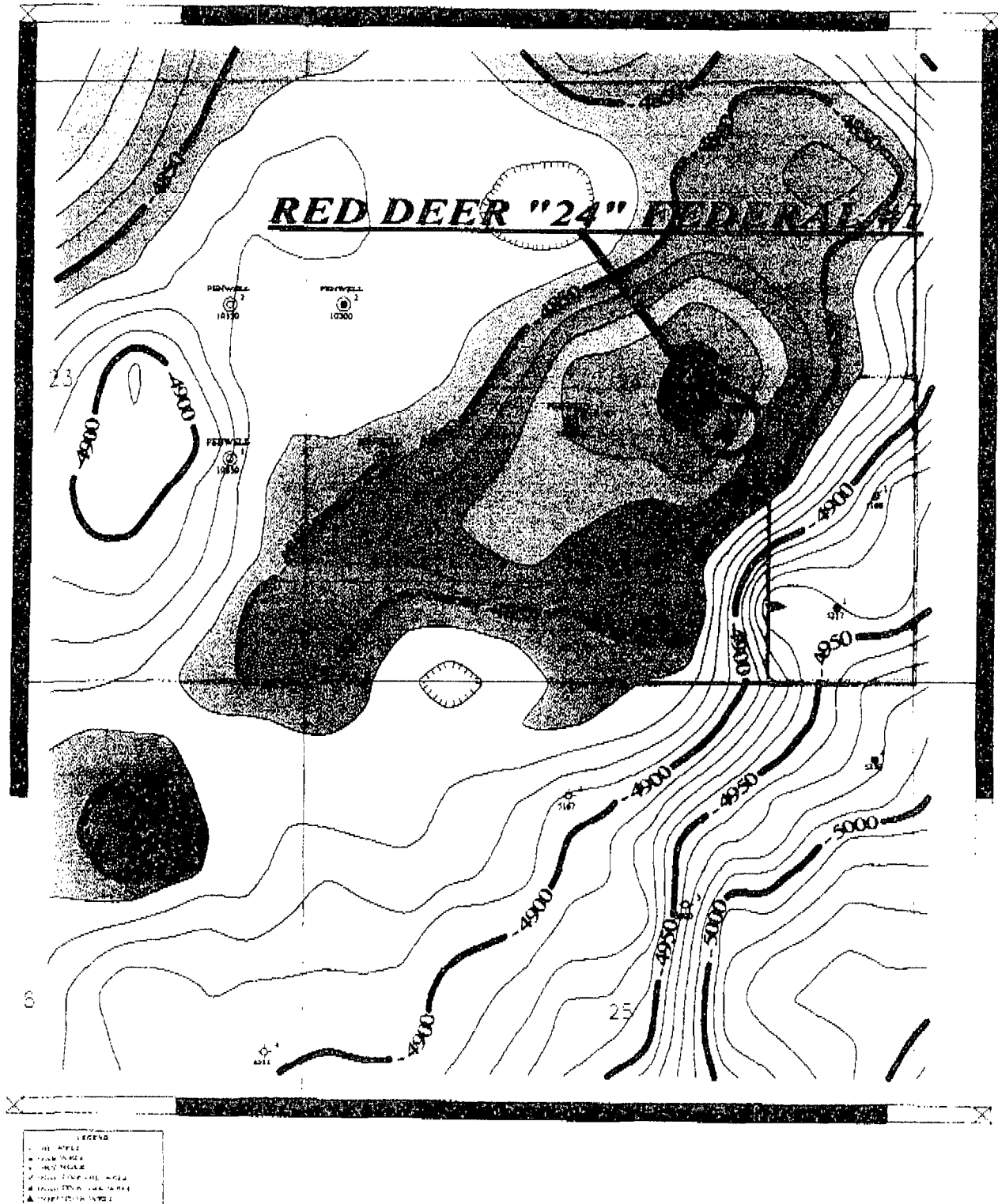
SURVEYING AND MAPPING BY
TOPOGRAPHIC LAND SURVEYORS
MIDLAND, TEXAS

SCALE: AS SHOWN
DATE: OCTOBER 25, 1996
JOB NO.: 48108-F
47 SE & SW
SHEET: 1 OF 1

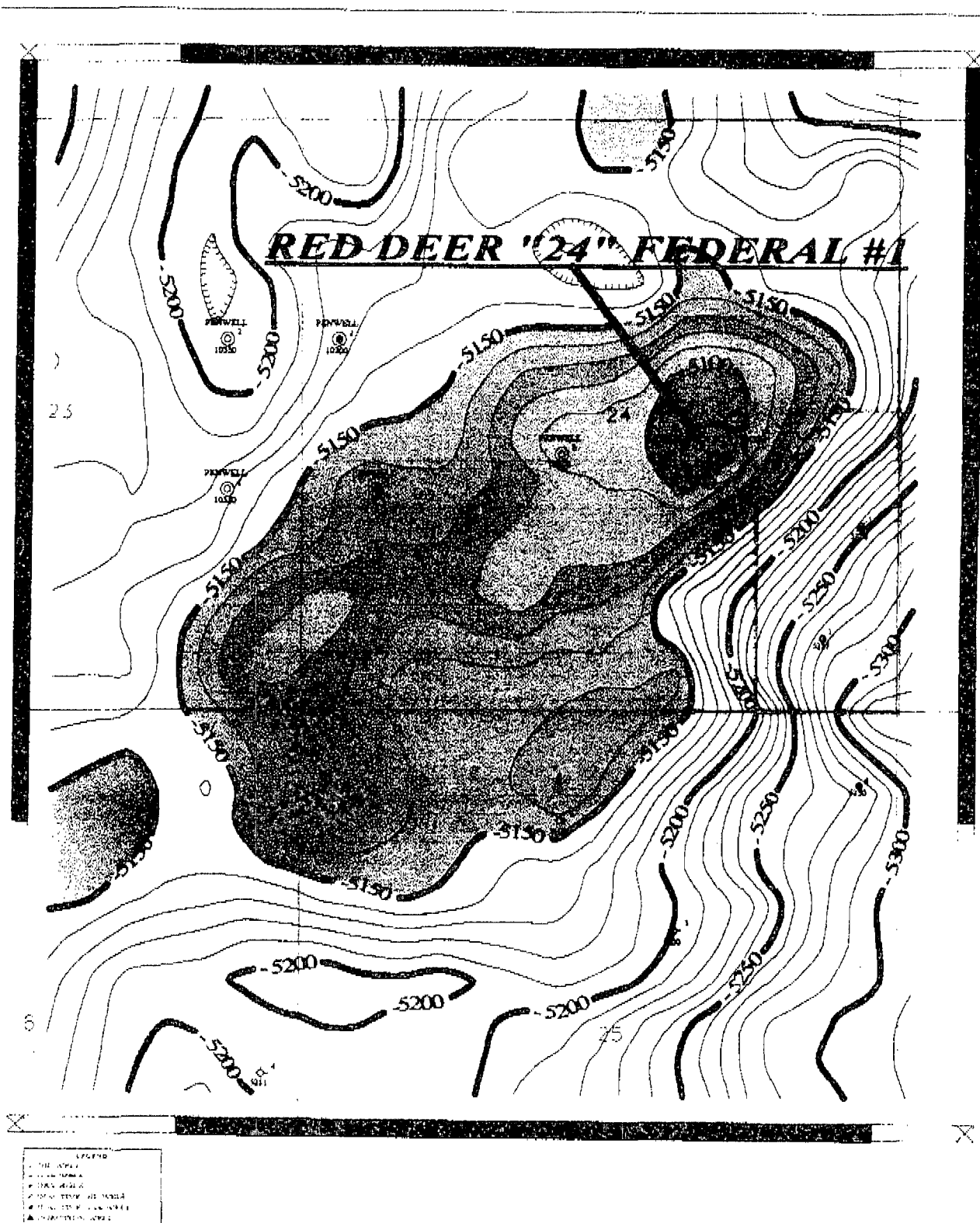
GEOLOGIC DISCUSSION

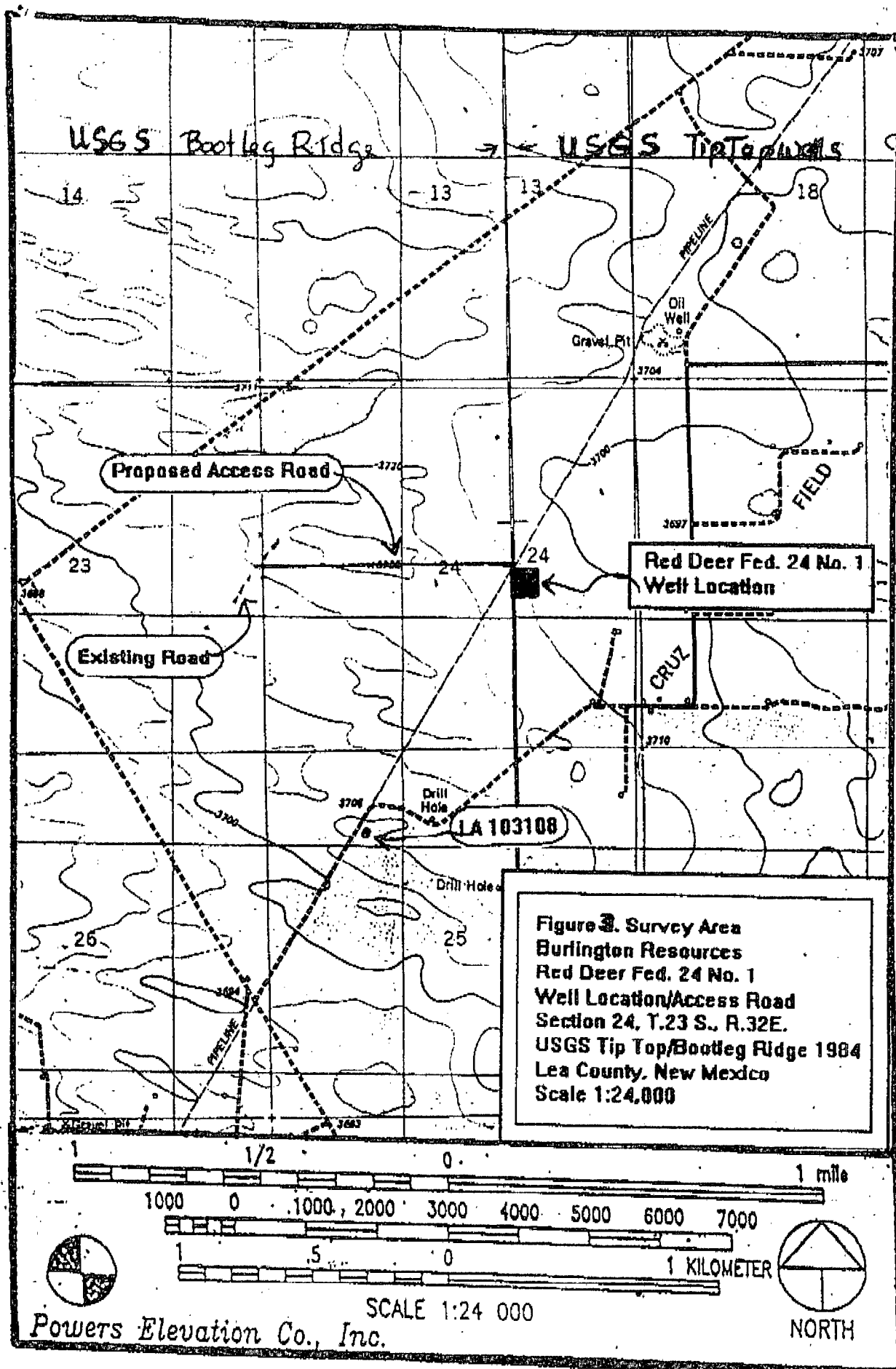
The proposed Red Deer "24" Federal #1 is a 9000' development well located 1650' FEL & 2310' FSL of Sec 24, T23S, R32E. The well was moved north of a standard location to the proposed location in order to drill a strong 3D seismic anomaly in the basal Brushy Canyon and the upper Bone Spring. Depth conversion of the 3D data resulted in a structural closure. The proposed location of the Red Deer "24" Federal #1 is centered on the crest of that structure. Movement of the wellbore in any direction would result in the well being drilled with a significantly higher geologic risk.

Structure Map
Top of the Basal Brushy Canyon
C.I. = 10'
Color Fill > -4860'



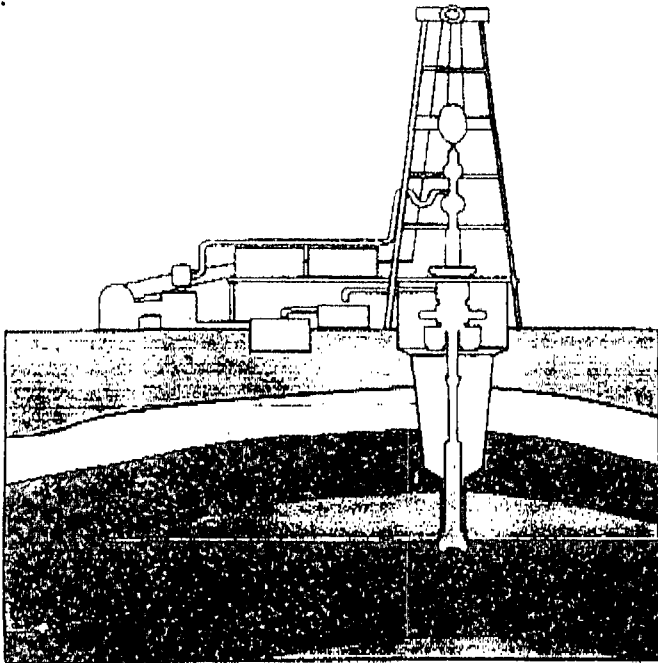
Structure Map
Top of the Bone Spring
C.I. = 10'
Color Fill > -5150'







NSL 4/7/97



Drilling Department
BURLINGTON RESOURCES
 Mid-Continent Division



Burlington Resources main office phone
 number: (915) 688-6800

FAX

Date 3/17/97

of pgs sheet including cover 5

TO:

Mike Stogner

Oil Conservation Division

Phone: 505-827-8185

Fax: 505-827-1389

CC:

FROM:

Donna Williams

Burlington Resources

Phone:

Fax:

915-688-6007

URGENT



For Your Review



Reply ASAP



Please Comment



MESSAGE:

This well is a 40 acre oil well. Please advise of application.
 Thanks you. Please contact me if you need further information.

* 3-17-97

*Talked w/ Donna - is submitting your permission
 why this well couldn't be moved to the south of
 the electric line:*

McL

**BURLINGTON
RESOURCES**

MID-CONTINENT DIVISION

March 12, 1997

Mr. Mike Stogner
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

RE: Request for Administrative Approval
Unorthodox Well Location
Proposed Red Deer '24' Federal Well No. 1
2410' FSL & 1650' FEL
Sec. 24, T23S, R32E
Lea County, New Mexico

Mr. Stogner:

Burlington Resources respectfully requests administrative approval for an unorthodox well location located in Lea County. The intended location was to be 2310' FSL & 1650' FEL. Upon field examination, a powerline, as indicated on the enclosed plat, prevented that location from being staked. Said location was subsequently moved 100' north. Said unorthodox is encroaching by 230' to an internal 40 acre proration unit. As this well will be on a 40 acre unit, the encroachment is strictly internal to the lease, as indicated on the map.

Should you have any questions, or need additional information, please do not hesitate to contact me at 915-688-6943.

Sincerely,



Donna J. Williams
Regulatory Compliance

P. O. Box 1980
Hobbs, NM 88241-1980State of New Mexico
Energy, Minerals, and Natural Resources Department

Revised 02-10-94

Instructions on back

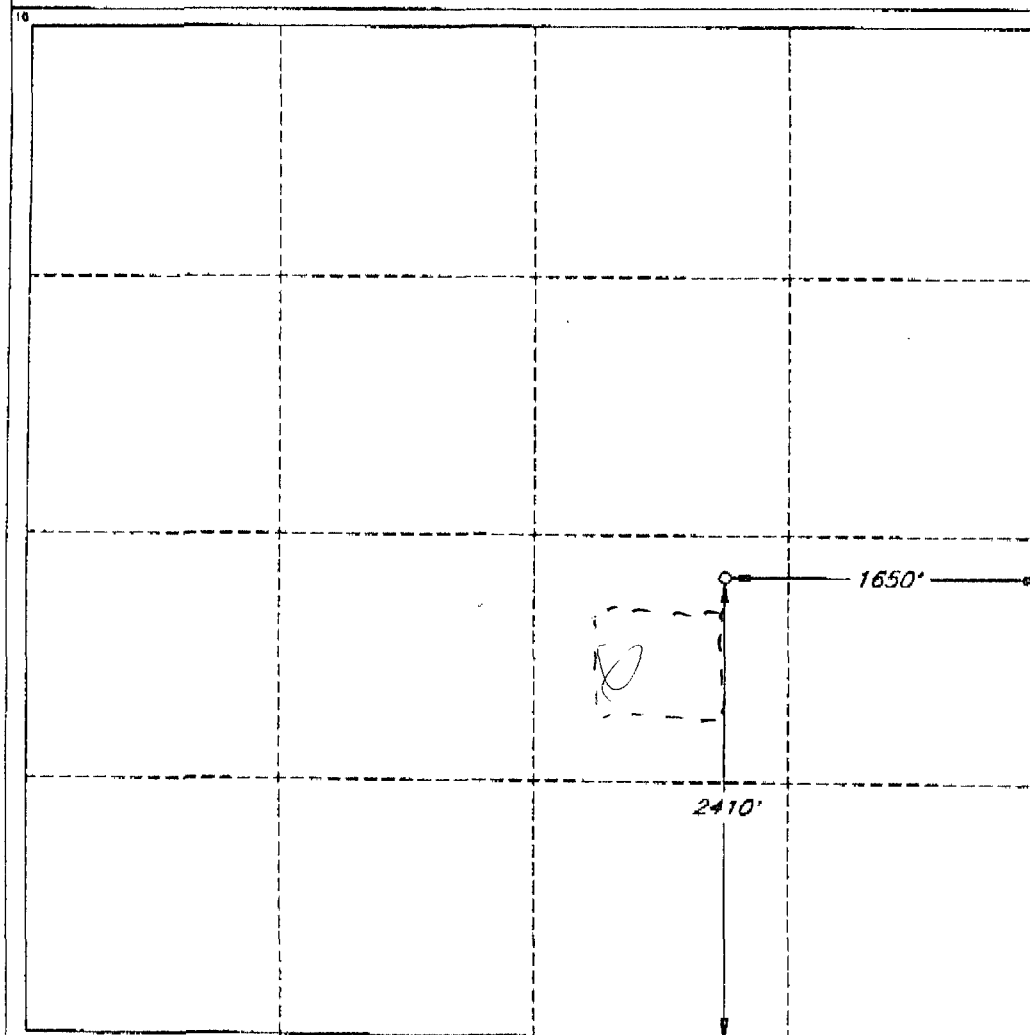
DISTRICT II
P. O. Drawer DD
Artesia, NM 88211-0719DISTRICT III
1000 Rio Brazos Rd.
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OIL CONSERVATION DIVISION

P. O. Box 2088
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CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

OPERATOR CERTIFICATION

I hereby certify that the information
contained herein is true and complete
to the best of my knowledge and belief.Signature
Donna WilliamsPrinted Name
Regulatory Compliance

Title

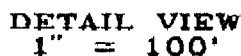
Date

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.Date of Survey
OCTOBER 25, 1996Signature and Seal of
Professional SurveyorV. LYNN
BEZNER
NO. 7020
Certified
V. L. BEZNER
LAND SURVEYOR #7020

JOB #48180 / 47SE-SW / V.H.B.

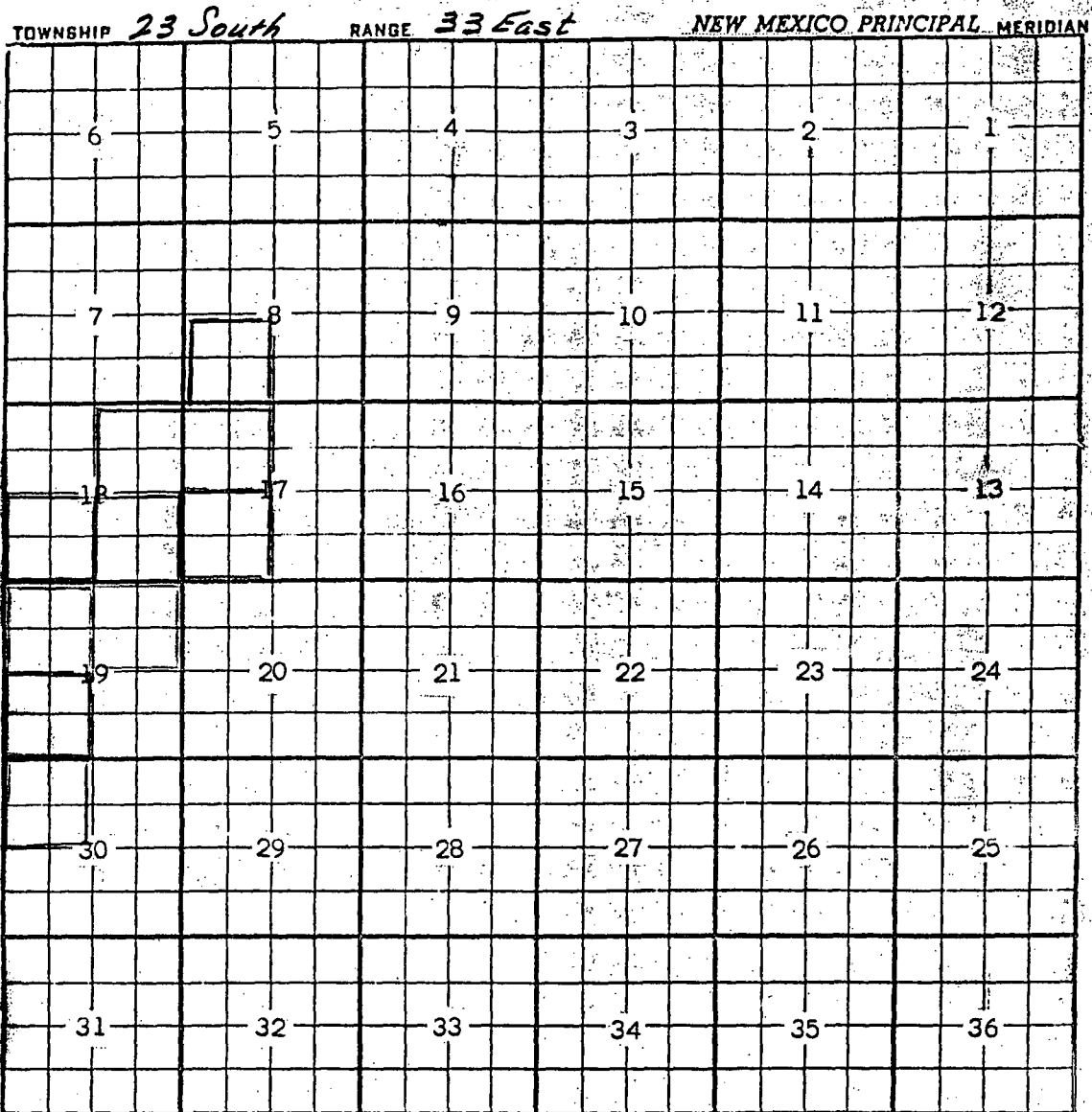
8 2 0 2 1 2 3 4 5 6 7 8 9 10 11 12



SHEET :



County Lea Pool Cruz - Delaware



Description: SW/4 Sec. 19 (R-2139, 1-1-62)

Ext: NW/4 Sec. 19 (R-5056, 8-1-75) Ext: NE/4 Sec. 19 (R-5171, 4-1-76)

Ext: SE/4 Sec. 18 (R-7437, 2-6-84) Ext: NW/4 Sec. 17, NE/4 Sec. 18 (R-7554, 6-14-84)

Ext: SW/4 Sec. 17 and SW/4 Sec. 18 (R-7607, 7-27-84)

Ext: SW/4 Sec. 8 (R-7800, 1-31-85) EXT: NW/4 Sec. 30 (R-9587, 1-25-89)

County Lea

Pool Cruz-Delaware

TOWNSHIP 23 South

RANGE 32 East

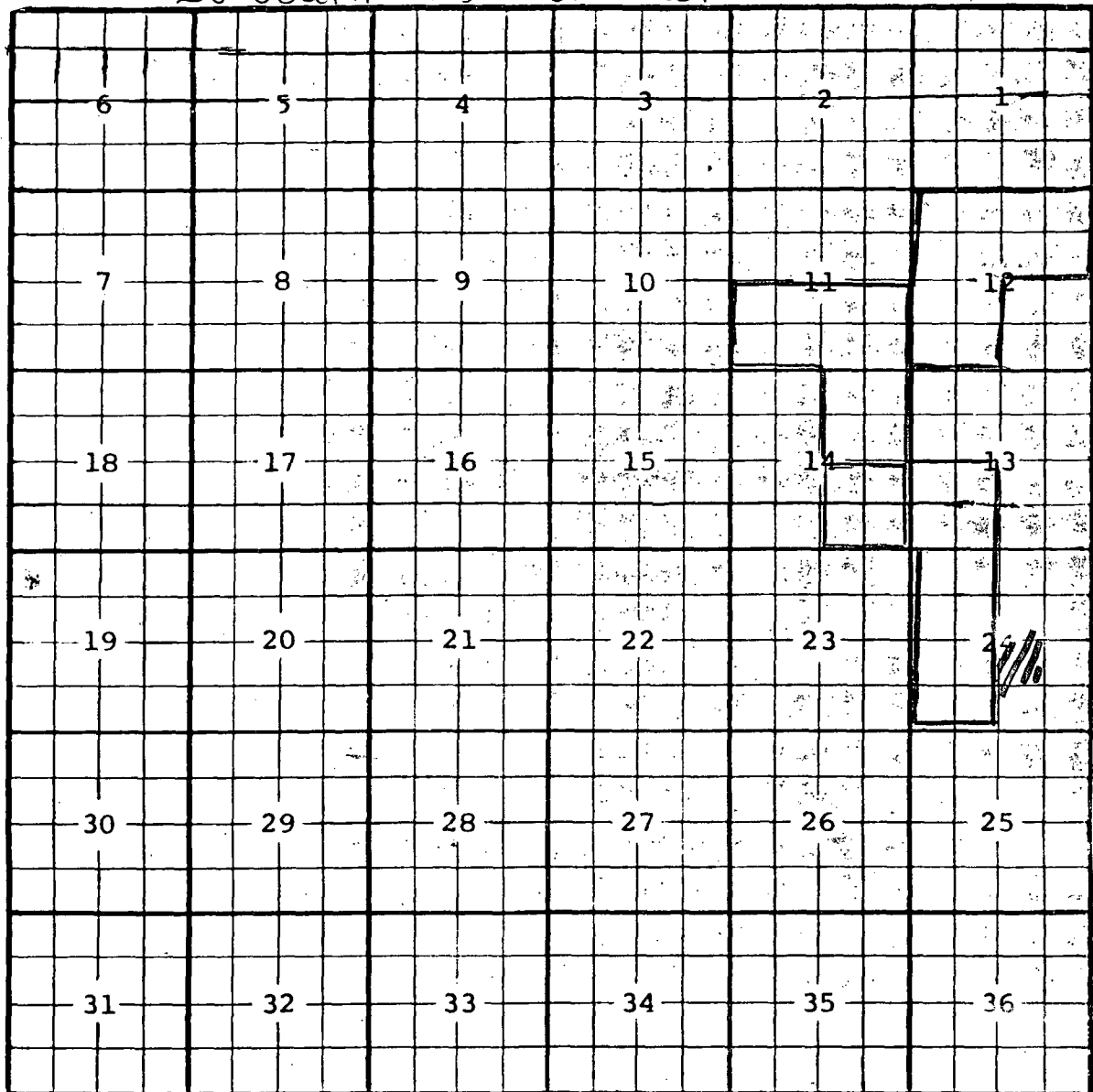
NEW MEXICO PRINCIPAL MERIDIAN

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Ext: $\text{SE}\frac{1}{4}$ Sec. 24 (R-2187, 3-1-67) Ext: $\text{NE}\frac{1}{4}$ Sec 25 (R-5361, 3-1-77)

County Lea Pool Diamondtail-Bone Spring

TOWNSHIP 23 South Range 32 East NMPM



Description: SE¹/₄ Sec. 14 (R-7158, 12-8-82)

Ext: S¹/₂ Sec. 11, NE¹/₄ Sec. 14 (R-7996, 8-6-85)

Ext: N¹/₂ and SW¹/₄ Sec. 12, SW¹/₄ Sec. 13, W¹/₂ Sec. 24 (R-10776, 2-28-97)