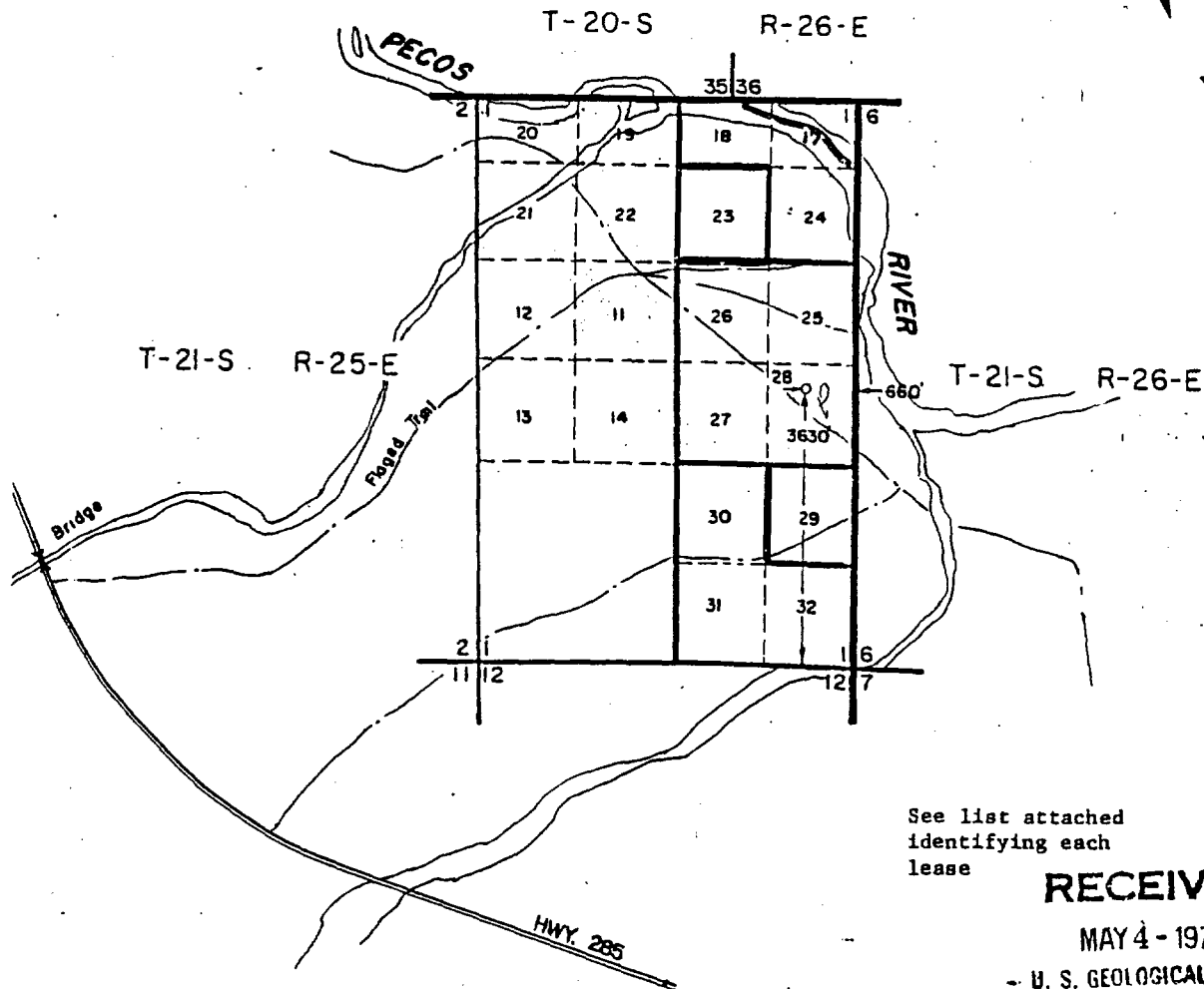


EDDY

County, New Mexico

Description: 3630' FSL & 660' FEL

Section
1Block
21SSurvey
25E

See list attached
identifying each
lease

RECEIVED

MAY 4 - 1970

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Scale: 1"=2300'

Date Staked: April 28, 1970

Operator: MONSANTO COMPANY

Lease Name: Avalon Federal

Well No.: 1

Topography & Vegetation: Sandy pasture land

Good Drill Site? YES Reference Stakes or
Alternate Location
Stakes Set 100' E 100' W

Best Accessibility to Location: Ranch road through Sec. 120' SW of location

Distance and Direction: From Jct. US 62&285 in Carlsbad go 11.5 Mi. along

Hwy. 285 to gate just South of a Bridge follow flagged trail to location.

CERTIFICATE:

I, RICHARD B. DUNIVEN a Registered Public Surveyor
and an authorized agent of Topographic Engineering Co., do hereby certify that the above
described well location was surveyed and staked on the ground as shown herein.

Richard B. Duniven
Texas Reg. No. 1528., New Mexico applied for.

TOPOGRAPHIC ENGINEERING COMPANY

404 W. 1111ngls
PHONE (915) 682-4851
MIDLAND, TEXAS 79701



BEFORE THE
OIL CONSERVATION DIVISION
Case No. 12034 Exhibit No. 1
Submitted By:
Matador Petroleum Corp.
Hearing Date: December 3, 1998