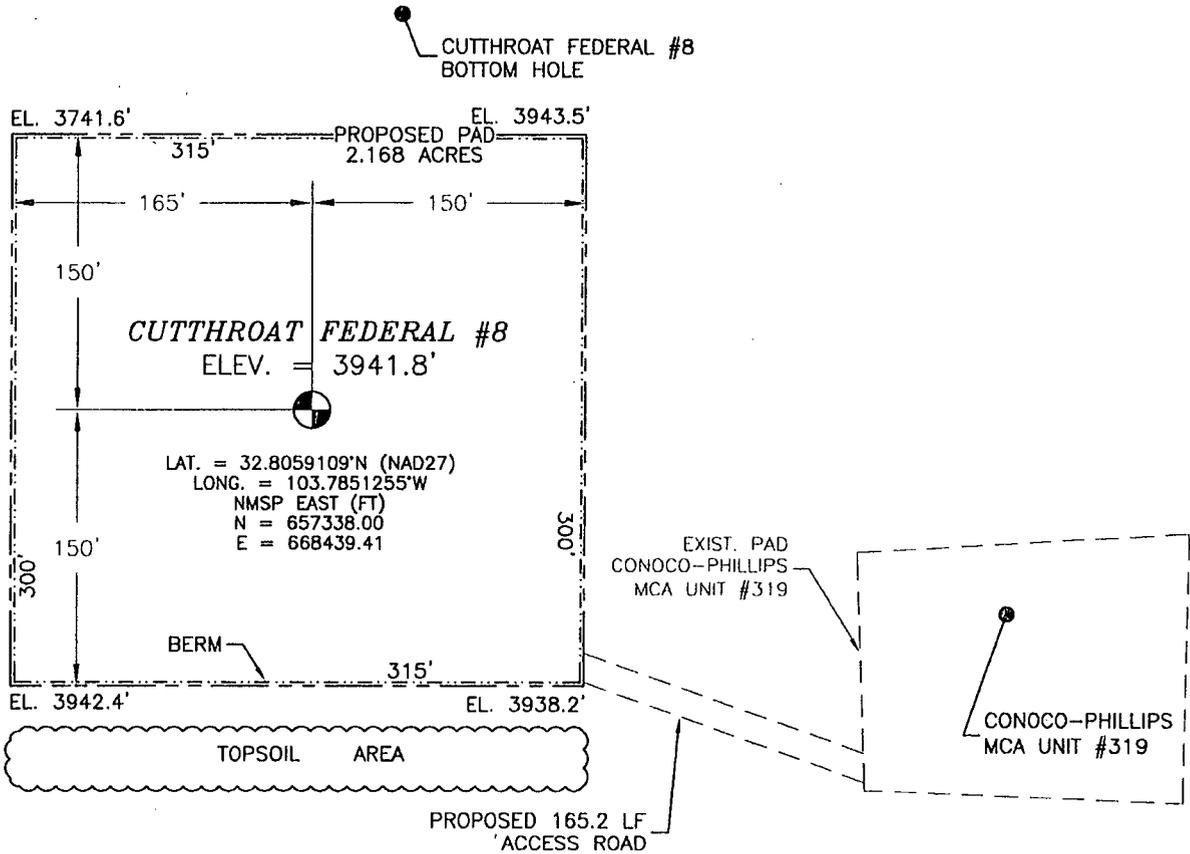


SECTION 29, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SITE MAP

NOTE: THE LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1927 (NAD27), AND ARE IN DECIMAL DEGREE FORMAT.



0 10 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION
FROM THE INTERSECTION OF MALJAMAR ROAD AND CONOCO ROAD GO WEST ON CONOCO ROAD APPROX. 1.1 MILES. TURN LEFT AND GO SOUTH APPROX. 0.4 MILES. TURN RIGHT AND GO WEST APPROX. 0.5 MILES. TURN LEFT AND GO SOUTH APPROX. 0.5 MILES. TURN LEFT AND GO EAST APPROX. 0.4 MILES. TURN LEFT AND GO NORTH APPROX. 618' TO THE SOUTHEAST CORNER OF EXISTING MCA #319. THEN FROM THE SOUTHWEST CORNER OF MCA #319 LOCATION IS APPROX. 363' NORTHWEST.

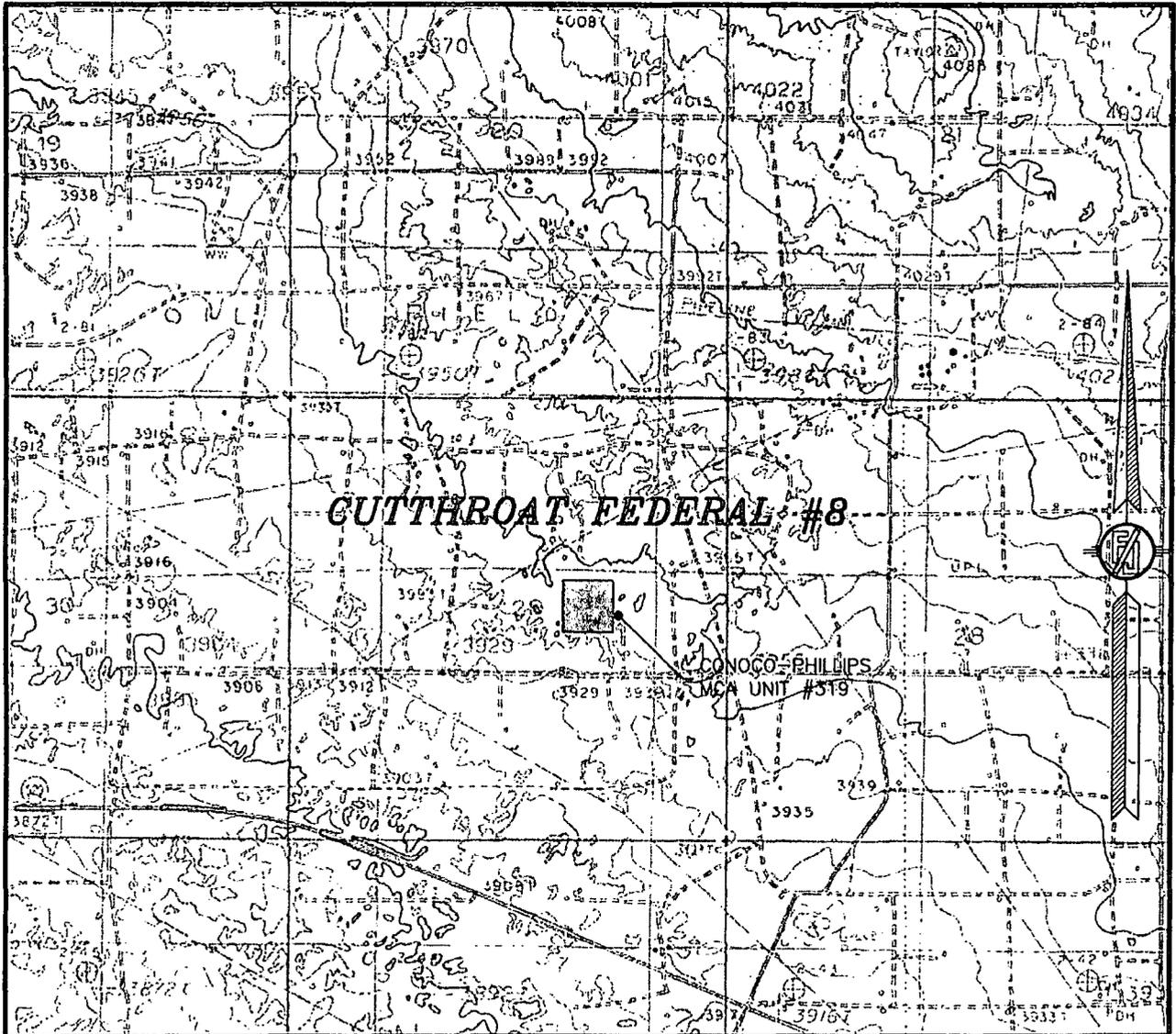
MACK ENERGY CORPORATION
CUTTHROAT FEDERAL #8
LOCATED 2500 FT. FROM THE NORTH LINE
AND 1725 FT. FROM THE EAST LINE OF
SECTION 29, TOWNSHIP 17 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 13, 2013

SURVEY NO. 2199B

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 29, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.
 LEA COUNTY, STATE OF NEW MEXICO
 LOCATION VERIFICATION MAP



USGS QUAD MAP:
 MALJAMAR

NOT TO SCALE

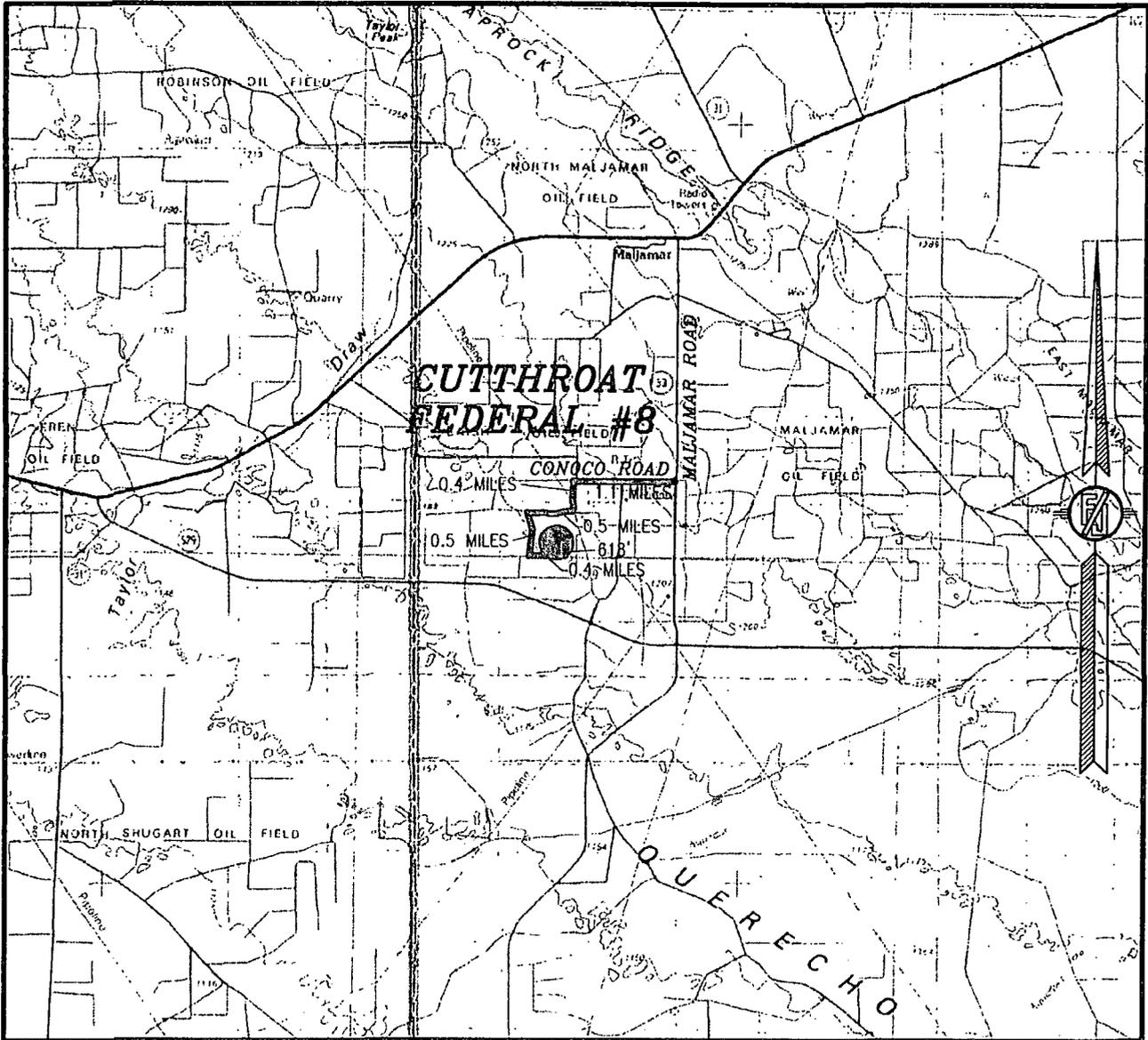
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CUTTHROAT FEDERAL #8
 LOCATED 2500 FT. FROM THE NORTH LINE
 AND 1725 FT. FROM THE EAST LINE OF
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 RANGE 32 EAST, N.M.P.M.
 LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 13, 2013

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MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 29, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.
 LEA COUNTY, STATE OF NEW MEXICO
 VICINITY MAP



NOT TO SCALE

MACK ENERGY CORPORATION
CUTTHROAT FEDERAL #8
 LOCATED 2500 FT. FROM THE NORTH LINE
 AND 1725 FT. FROM THE EAST LINE OF
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 RANGE 32 EAST, N.M.P.M.
 LEA COUNTY, STATE OF NEW MEXICO

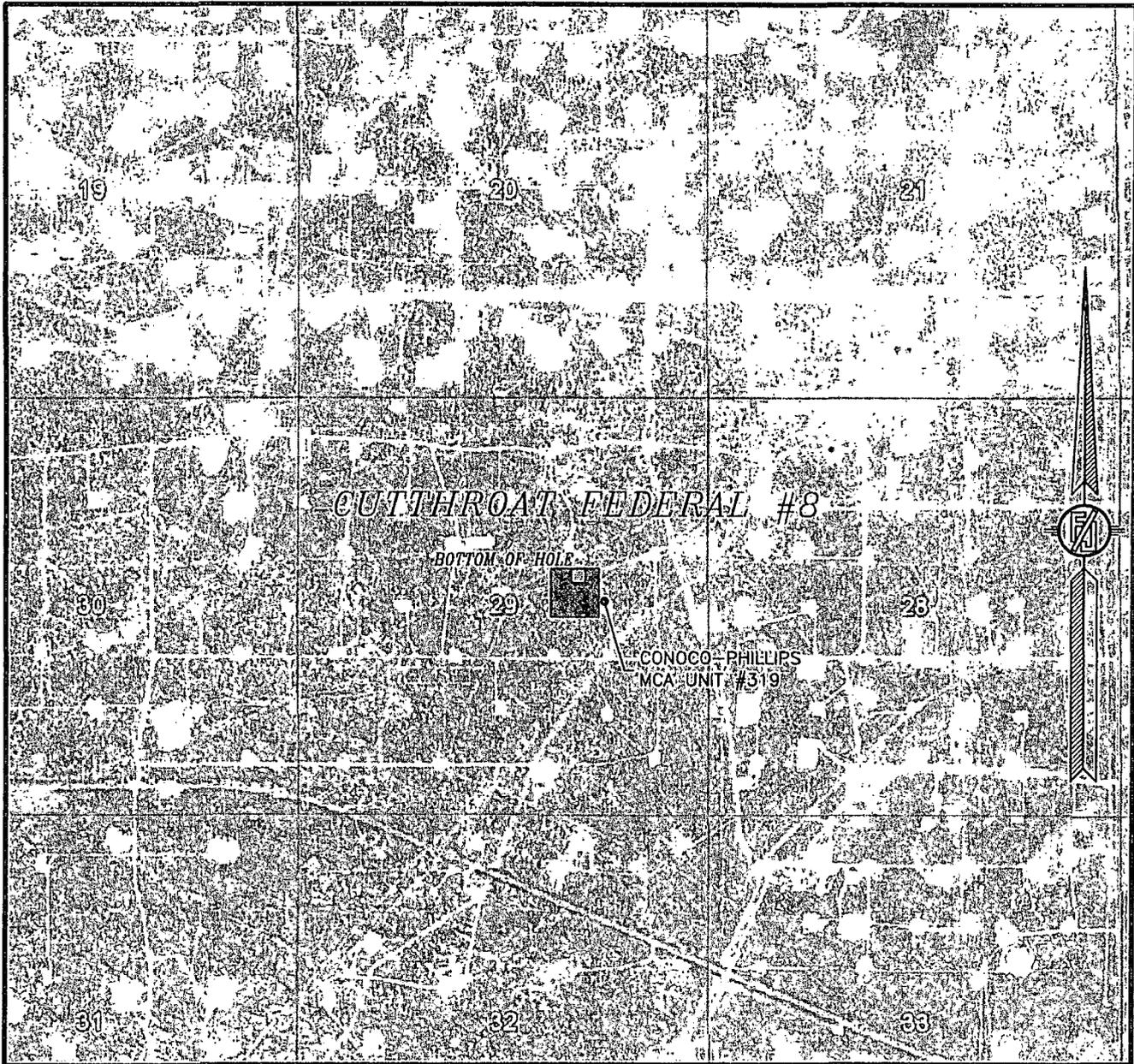
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SEPTEMBER 13, 2013

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MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
 (575) 234-3341

SECTION 29, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
MARCH 2012

MACK ENERGY CORPORATION
CUTTHROAT FEDERAL #8
LOCATED 2500 FT. FROM THE NORTH LINE
AND 1725 FT. FROM THE EAST LINE OF
SECTION 29, TOWNSHIP 17 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 13, 2013

SURVEY NO. 2199B

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

20

21

#3 1362

#6 536

T17S
R32E

#7 150

29

#8 1020

28