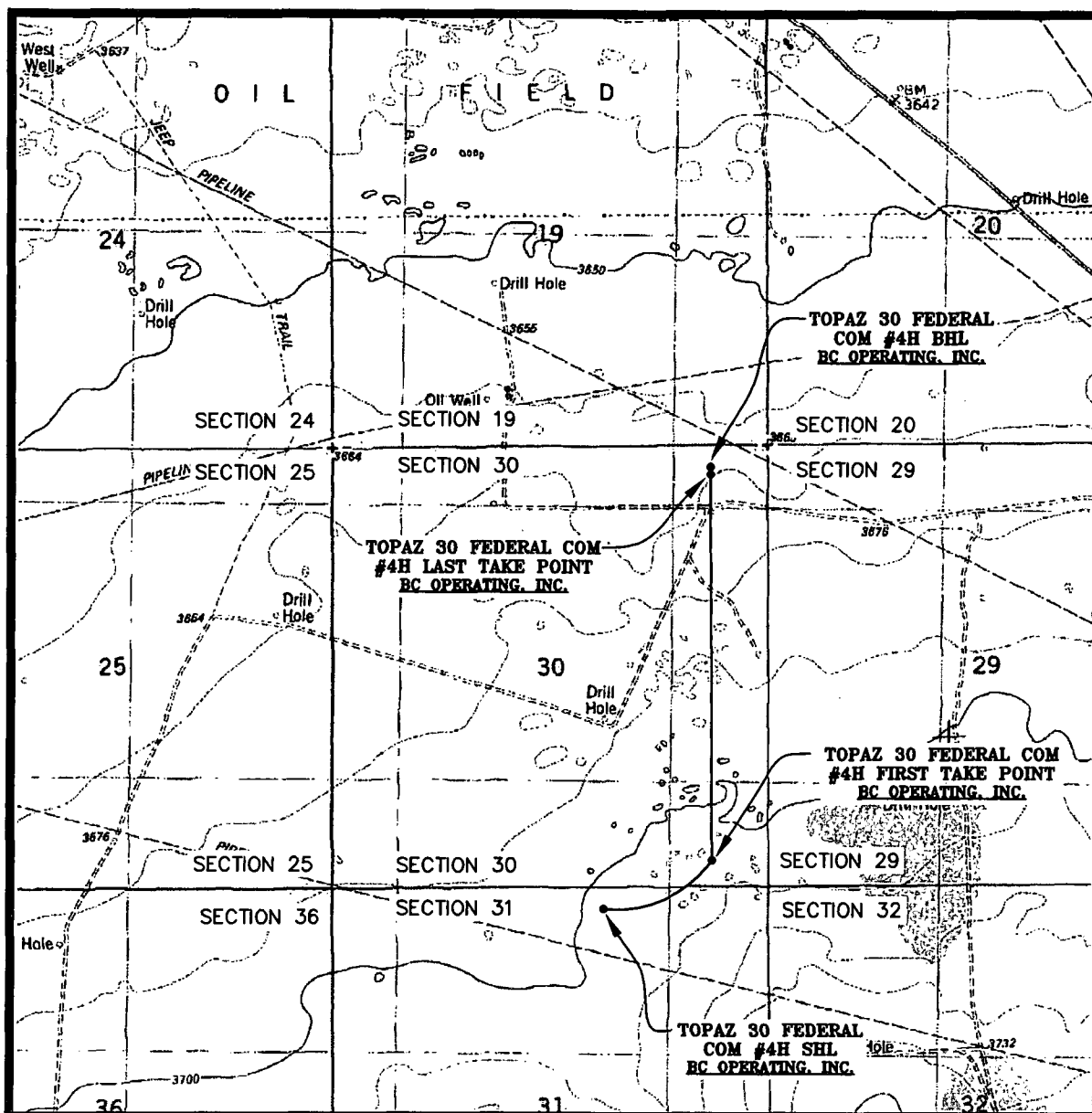


JUN 11 2015

LOCATION VERIFICATION MAP

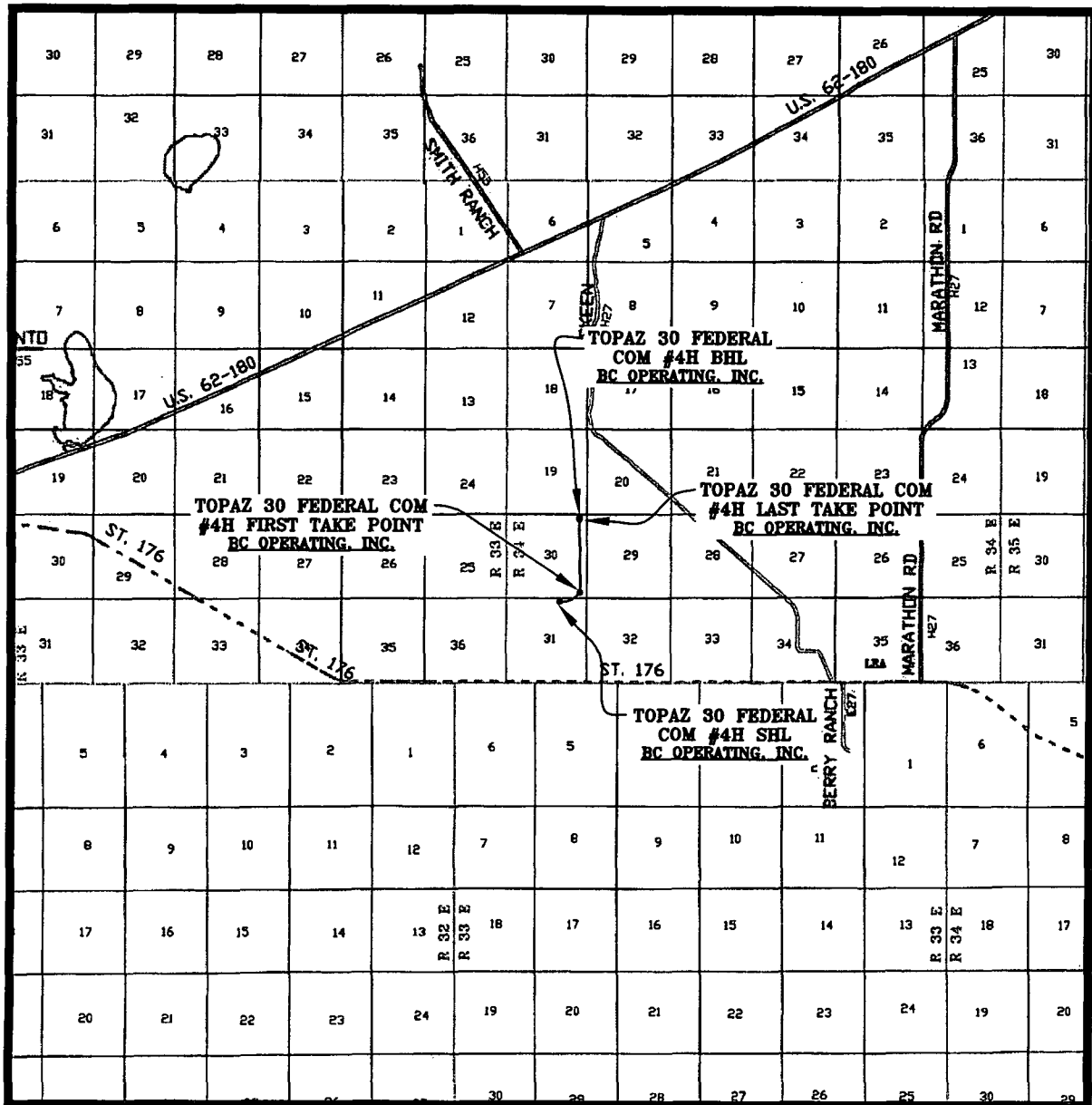


SEC. 31 TWP. 20-S RGE. 34-E
 SURVEY: N.M.P.M.
 COUNTY: LEA
 DESCRIPTION: 240' FNL & 1980' FEL
 ELEVATION: 3704'
 OPERATOR: B.C. OPERATING, INC.
 LEASE: TOPAZ 30 FEDERAL COM
 U.S.G.S. TOPOGRAPHIC MAP: LEA, N.M.

SCALE: 1" = 2000'
 CONTOUR INTERVAL = 10'

PREPARED BY:
 R-SQUARED GLOBAL, LLC
 1309 LOUISVILLE AVENUE, MONROE, LA 71201
 318-323-6900 OFFICE
 JOB No. R3401_004

VICINITY MAP



SEC. 31 TWP. 20-S RGE. 34-E

SCALE: 1" = 2 MILES

SURVEY: N.M.P.M.

COUNTY: LEA

DESCRIPTION: 240' FNL & 1980' FEL

ELEVATION: 3704'

OPERATOR: B.C. OPERATING, INC.

LEASE: TOPAZ 30 FEDERAL COM

U.S.G.S. TOPOGRAPHIC MAP: LEA, N.M.

PREPARED BY:
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SEC. 31 TWP. 20-S RGE. 34-E
SURVEY: N.M.P.M.
COUNTY: LEA
U.S.G.S. TOPOGRAPHIC MAP: LEA, N.M.

COUNTY: LEA

U.S.G.S. TOPOGRAPHIC MAP: LEA, N.M.

PROPOSED WELL PAD _____

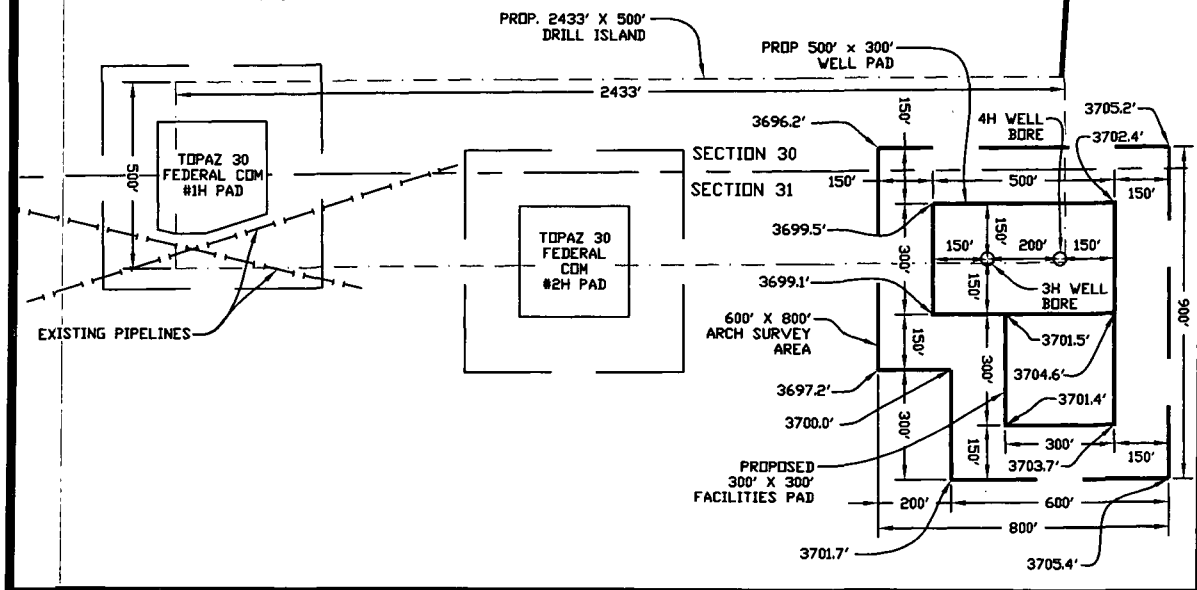
ARCH SURVEY LIMITS _____

PROPOSED LEASE ROAD _____

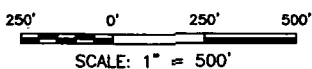
DRILL ISLAND LIMITS _____

EXISTING LEASE ROAD _____

TOPAZ 30 FEDERAL COM #4H
B.C. OPERATING, INC.
240' FNL 1980' FEL
NAD 83, SPCS NM EAST
X:768122.40' / Y:559584.63'
LAT:32.53620292N / LON:103.59743468W
NAD 27, SPCS NM EAST
X:726941.18' / Y:559522.55'
LAT:32.53607996N / LON:103.59694449W
ELEVATION: 3704'

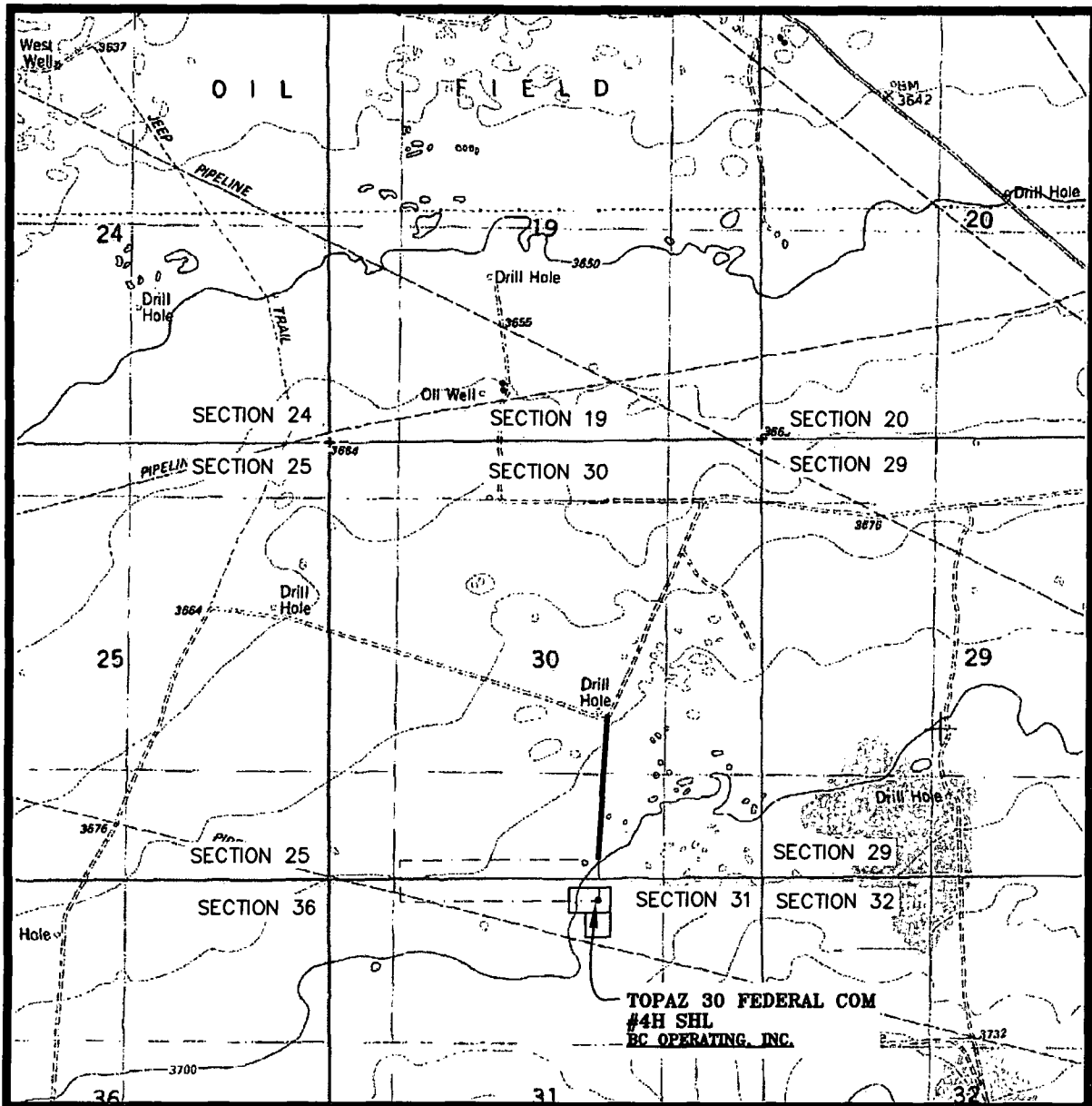


FROM THE INTERSECTION OF WEST CARLSBAD HIGHWAY AND HIGHWAY 176 TRAVEL
NORTHEAST ON WEST CARLSBAD HIGHWAY FOR 8.9 MILES TO COUNTY ROAD 27 ON THE
RIGHT. TRAVEL SOUTHEAST ON COUNTY ROAD 27 FOR 4.0 MILES TO LEASE ROAD ON THE
RIGHT. TRAVEL WEST ON LEASE ROAD FOR 1.2 MILES TO LEASE ROAD ON THE LEFT.
TRAVEL SOUTHWEST ON LEASE ROAD FOR 0.6 MILES TO PROPOSED LEASE ROAD ON THE
LEFT. TRAVEL SOUTHEAST ON PROPOSED LEASE ROAD FOR 0.3 MILES TO PROPOSED DRILL
ISLAND AND PROPOSED WELL PAD 342' TO THE SOUTH.



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WELL PAD LOCATION VERIFICATION MAP



SEC. 31 TWP. 20-S RGE. 34-E
 SURVEY: N.M.P.M.
 COUNTY: LEA
 DESCRIPTION: 240' FNL & 1980' FEL
 ELEVATION: 3704'
 OPERATOR: B.C. OPERATING, INC.
 LEASE: TOPAZ 30 FEDERAL COM
 U.S.G.S. TOPOGRAPHIC MAP: LEA, N.M.

SCALE: 1" = 2000'
 CONTOUR INTERVAL = 10'

PREPARED BY:
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 318-323-6900 OFFICE
 JOB No. R3401_004

EXISTING ACCESS ROAD VICINITY MAP

TOPAZ 30 FEDERAL COM #4H

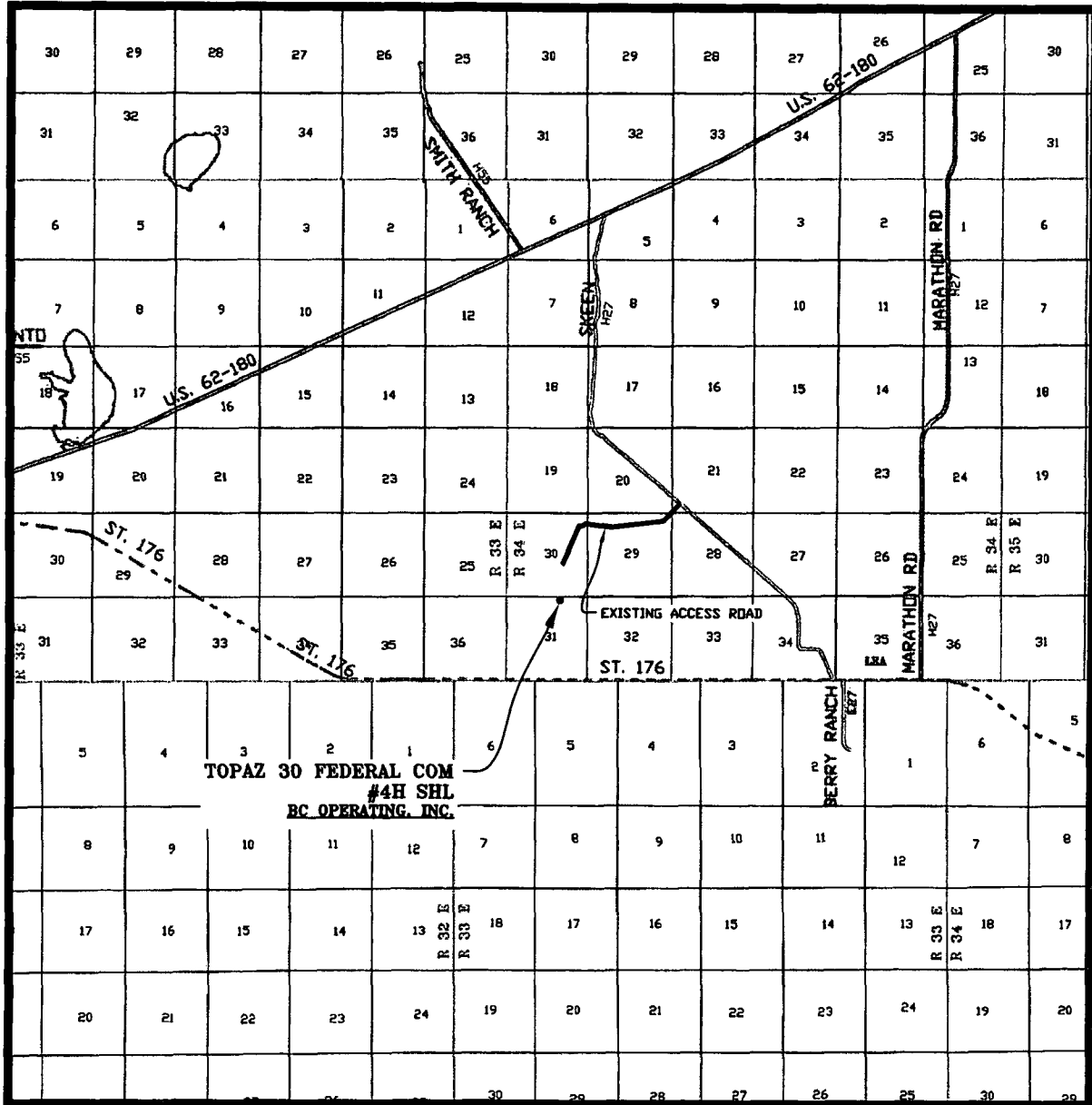
240' FNL & 1980' FEL

SEC. 31 TWP. 20-S RGE. 34-E

SURVEY: N.M.P.M.

COUNTY: LEA

U.S.G.S. TOPOGRAPHIC MAP: LEA, N.M.



SCALE: 1" = 2 MILES

PREPARED BY:
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1309 LOUISVILLE AVENUE, MONROE, LA 71201
318-323-8900 OFFICE
JOB No. R3401_004

MINERAL MAP

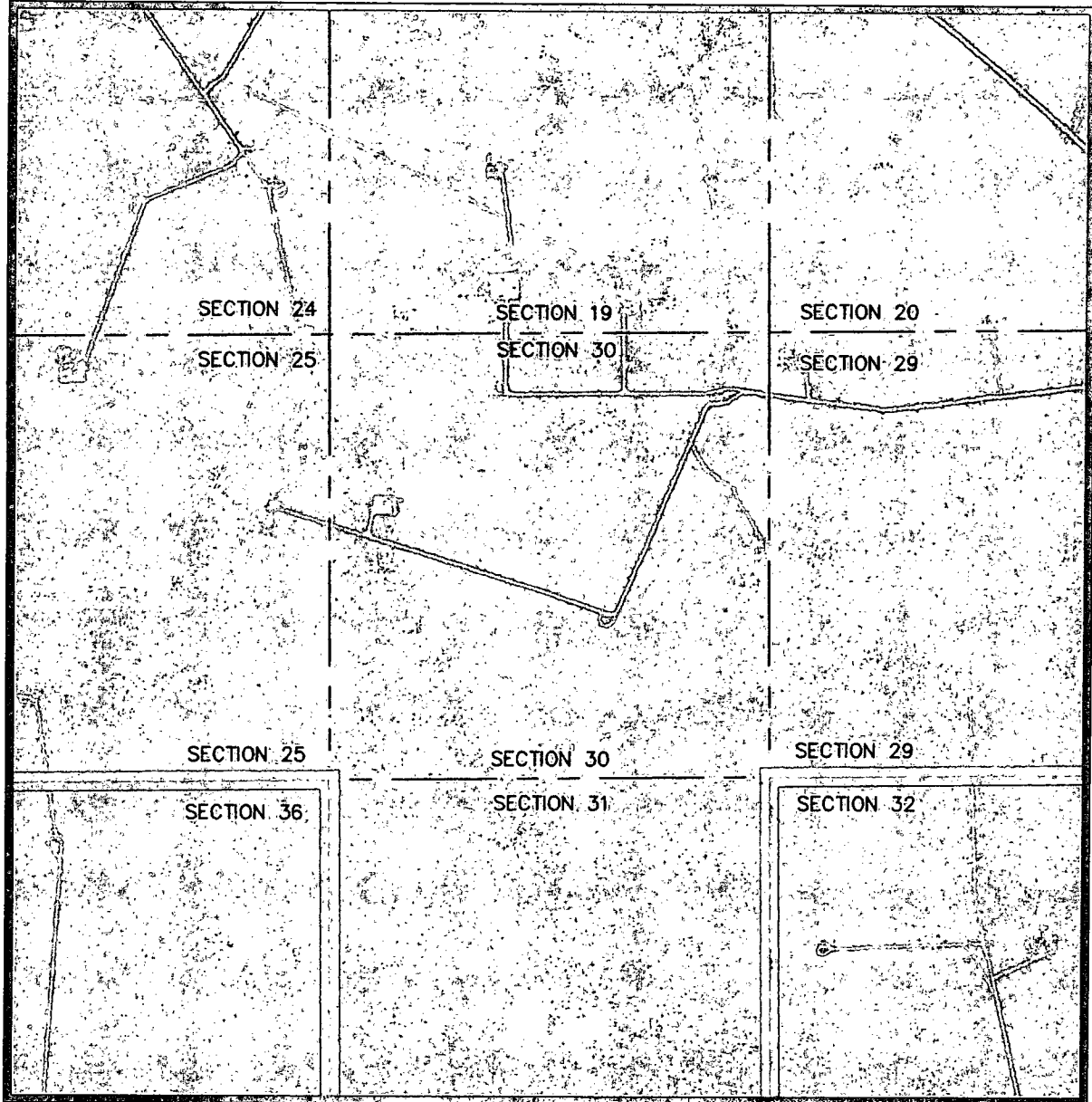
TOPAZ 30 FEDERAL COM

SEC. 31 TWP. 20-S RGE. 34-E

SURVEY: N.M.P.M.

COUNTY: LEA

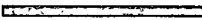
U.S.G.S. TOPOGRAPHIC MAP: LEA, N.M.



LEGEND

SCALE: 1" = 1000'

STATE MINERALS 

FEDERAL COM MINERAL 

PREPARED BY:
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JOB No. R3401

