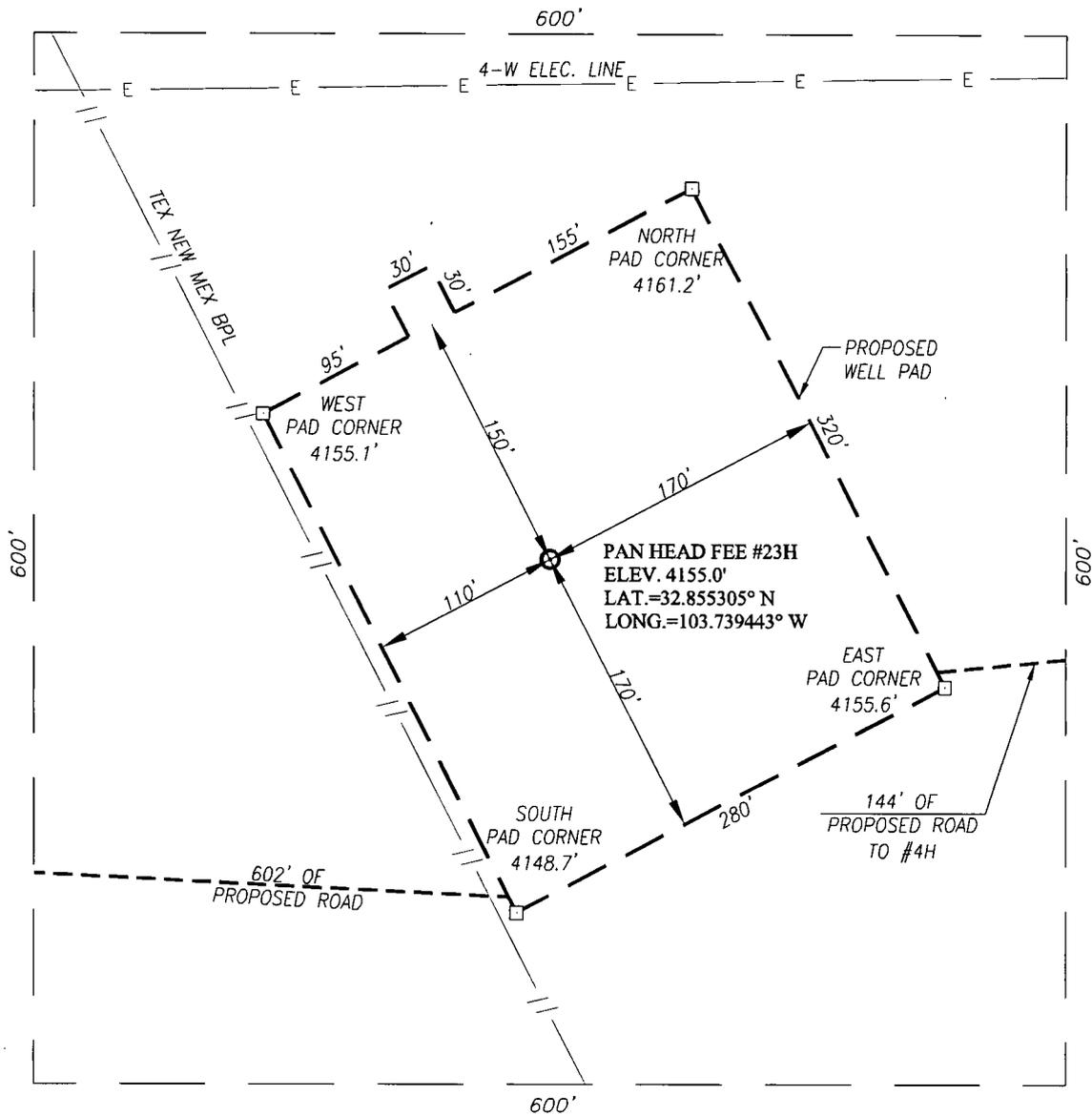


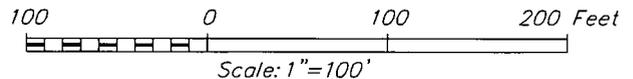


**SECTION 11, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.**  
**LEA COUNTY** **NEW MEXICO**



**DIRECTIONS TO LOCATION**

FROM THE MALJAMAR ROAD AND SAND ROAD GO EAST ON SAND ROAD APPROX 0.5 MILES TO A CATTLE GUARD. GO THROUGH THE CATTLE GUARD AND GO SOUTHEAST ON A LEASE ROAD APPROX 0.5 MILES TO THE PROPOSED ROAD. FOLLOW ROAD SURVEY APPROX 0.1 MILES NORTHEAST; PROPOSED ROAD TURNS AND GOES EAST APPROX 0.2 MILES. PROPOSED ROAD TURNS AND GOES NORTH APPROX 0.25 MILES. CONTINUE FOLLOWING ROAD SURVEY NORTHEAST APPROX 0.1 MILES TO THE PAN HEAD FEE #2H. FROM THE SOUTHEAST CORNER OF PAD FOLLOW ROAD SURVEY LATH 602' EAST TO THIS LOCATION.



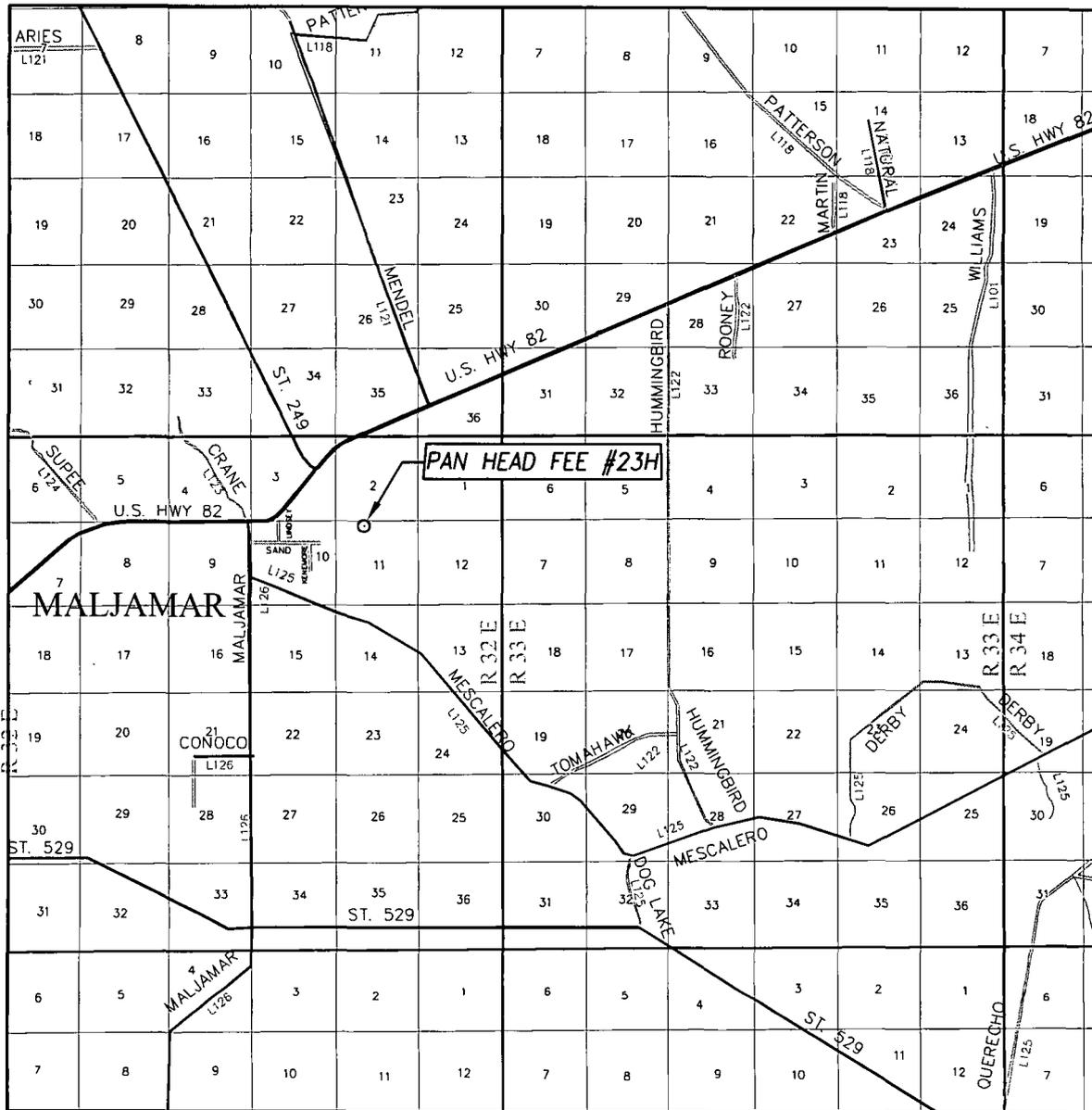
**COG OPERATING, LLC**

**PAN HEAD FEE #23H WELL**  
**LOCATED 330 FEET FROM THE NORTH LINE**  
**AND 1765 FEET FROM THE WEST LINE OF SECTION 11,**  
**TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,**  
**LEA COUNTY, NEW MEXICO**

PROVIDING SURVEYING SERVICES  
 SINCE 1946  
**JOHN WEST SURVEYING COMPANY**  
 412 N. DAL PASO  
 HOBBS, N.M. 88240  
 (575) 393-3117 www.jwsc.biz

Survey Date: 10/11/12	CAD Date: 2/5/15	Drawn By: LSL
W.O. No.: 15130178	Rev: .	Rel. W.O.: 12111542
		Sheet 1 of 1

# VICINITY MAP

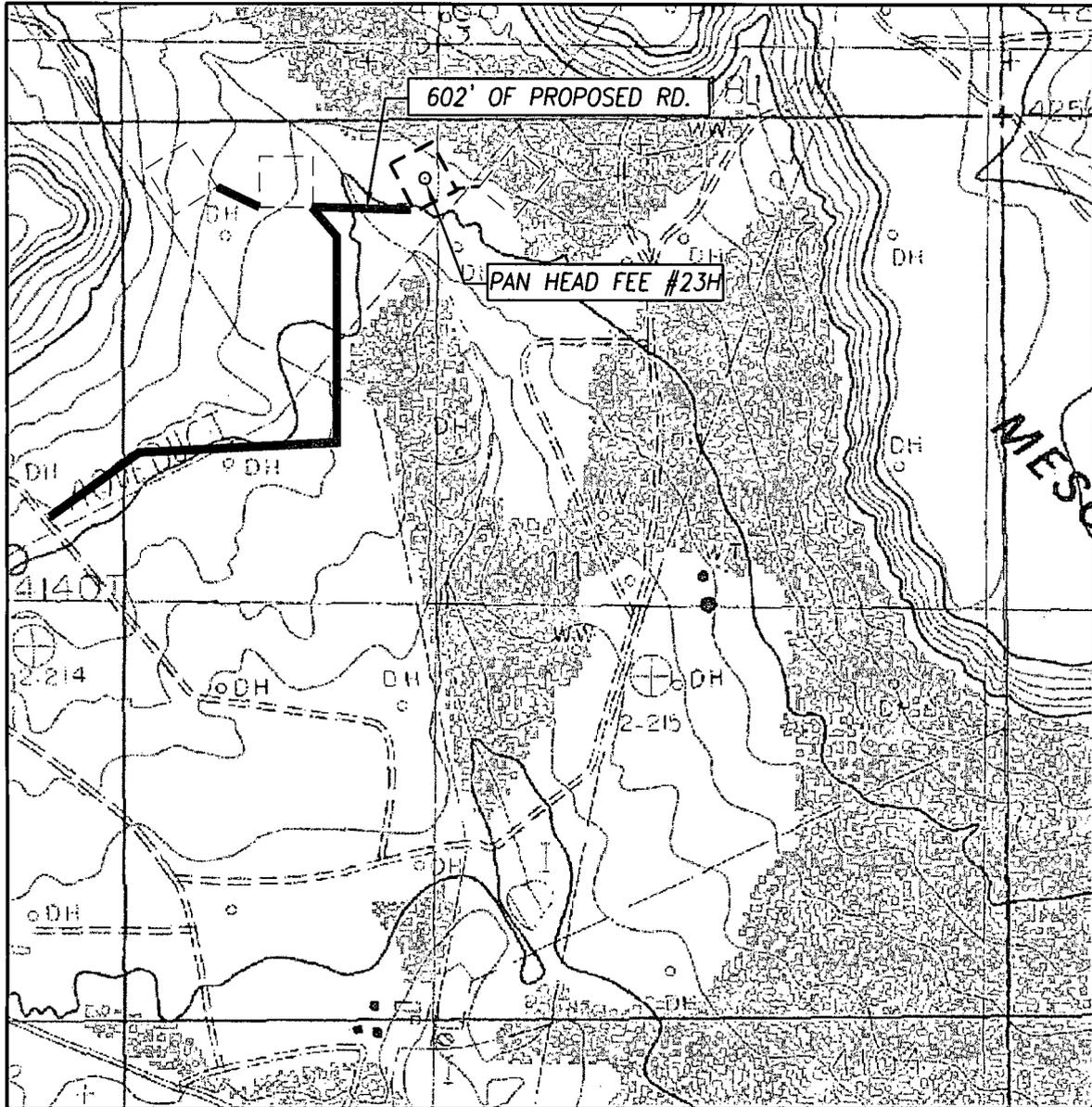


SCALE: 1" = 2 MILES

SEC. 11 TWP. 17-S RGE. 32-E  
 SURVEY N.M.P.M.  
 COUNTY LEA STATE NEW MEXICO  
 DESCRIPTION 330' FNL & 1765' FWL  
 ELEVATION 4155'  
 OPERATOR COG OPERATING, LLC  
 LEASE PAN HEAD FEE

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# LOCATION VERIFICATION MAP



SCALE: 1" = 1000'

CONTOUR INTERVAL:  
DOG LAKE, N.M. - 10'

SEC. 11 TWP. 17-S RGE. 32-E

SURVEY \_\_\_\_\_ N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 330' FNL & 1765' FWL

ELEVATION 4155'

OPERATOR COG OPERATING, LLC

LEASE PAN HEAD FEE

U.S.G.S. TOPOGRAPHIC MAP  
DOG LAKE, N.M.



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