

Santa Fe Main Office
Phone: (505) 476-3441 Fax: (55) 476-3462
General Information
Phone: (505) 629-6116

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

Online Phone Directory Visit:
<https://www.emnrd.nm.gov/ocd/contact-us/>

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-55771
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Mission State
8. Well Number 1H
9. OGRID Number 013837
10. Pool name or Wildcat Round Tank; San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3579'

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well Gas Well Other

2. Name of Operator
Mack Energy Corporation

3. Address of Operator
P.O. Box 960 Artesia, NM 88211-0960

4. Well Location
Unit Letter **M** : **200** feet from the **South** line and **990** feet from the **West** line
Section **2** Township **16S** Range **28E** NMPM County **Eddy**

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: Correct bottom hole <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Mack Energy Corporation respectfully requests APD permit #375856 to be corrected:

From: BHL - UL D Sec. 2 T16S R28E Lot 4 1 FNL 990 FEL

To: BHL - UL D Sec. 2 T16S R28E Lot 4 1 FNL 990 FWL

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Delilah Flores TITLE Regulatory Technician I DATE 3/31/2026

Type or print name Delilah Flores E-mail address: delilah@mec.com PHONE: 575-748-1288

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any): _____

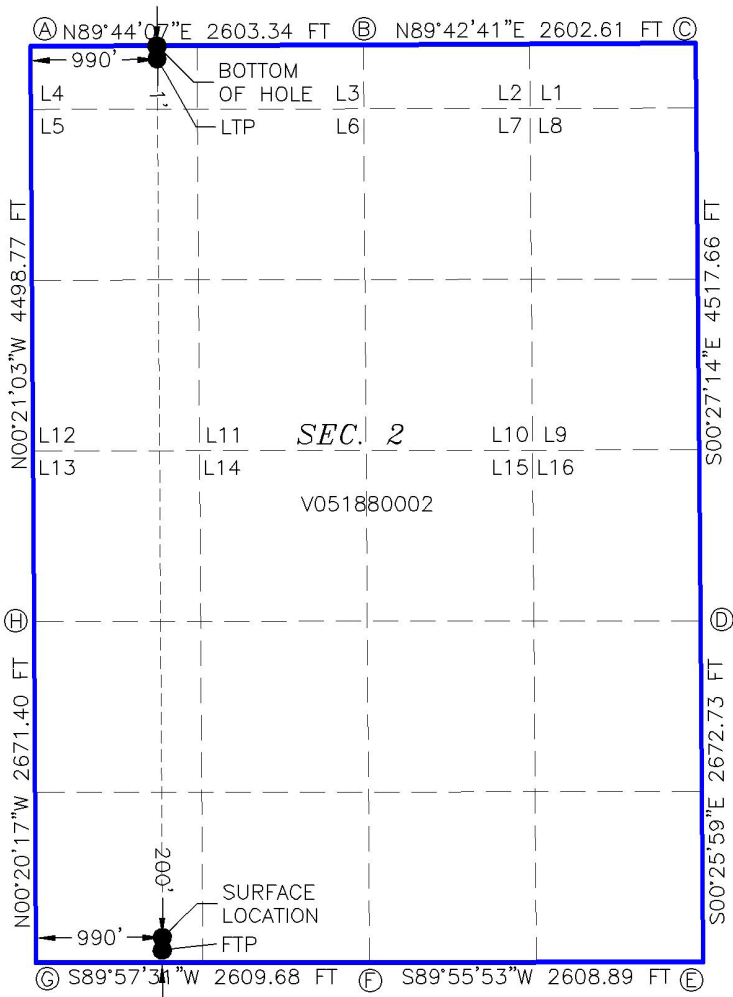
This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

MISSION STATE 1H
 EL. = 3578.5

GEODETIC COORDINATES
 NAD 83 NMSP EAST
 SURFACE LOCATION
 200' FSL, 990' FWL
 N.=707980.14
 E.=596984.08
 LAT.=32.9461162°N
 LONG.=104.1519341°W

KICK OFF POINT 200' FSL, 990' FWL N.=707980.14 E.=596984.08 LAT.=32.9461162°N LONG.=104.1519341°W	FIRST TAKE POINT 100' FSL, 990' FWL N.=707880.10 E.=596984.53 LAT.=32.9458412°N LONG.=104.1519332°W
LAST TAKE POINT 100' FNL, 990' FWL N.=714852.18 E.=596942.42 LAT.=32.9650047°N LONG.=104.1520313°W	BOTTOM OF HOLE 1' FNL, 990' FWL N.=714951.16 E.=596941.81 LAT.=32.9652768°N LONG.=104.1520327°W



CORNER COORDINATES TABLE
 NAD 83 NMSP EAST

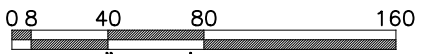
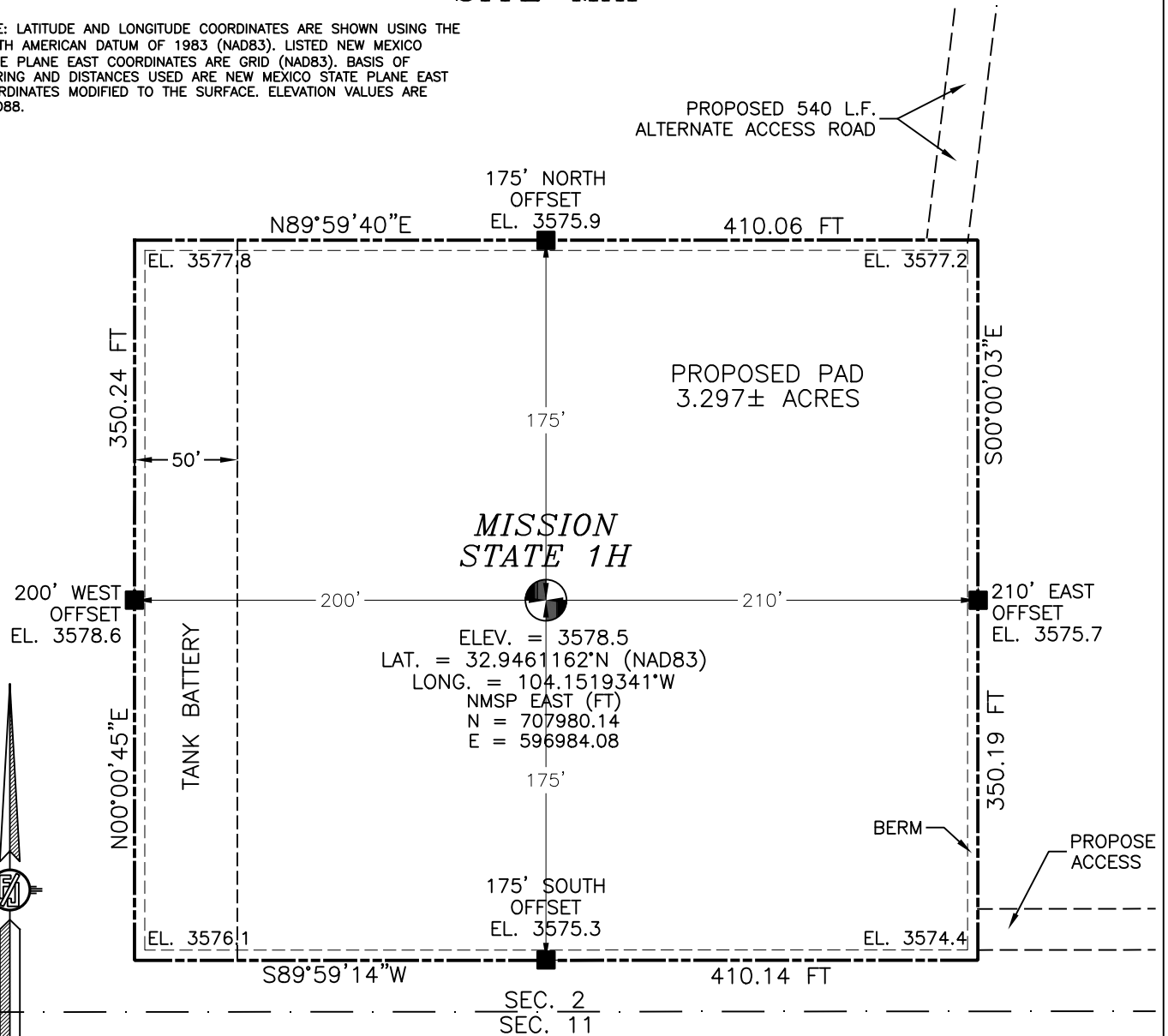
A - N.=714947.59	E.=595952.08
B - N.=714959.61	E.=598554.71
C - N.=714972.72	E.=601156.62
D - N.=710456.37	E.=601192.39
E - N.=707784.41	E.=601212.58
F - N.=707781.29	E.=598604.37
G - N.=707779.41	E.=595995.36
H - N.=710450.07	E.=595979.61

LEGEND

--- --	SECTION LINE
- - - -	QUARTER LINE
————	LEASE LINE
-----	WELL PATH

SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO SITE MAP

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. ELEVATION VALUES ARE NAVD88.



SCALE 1" = 80'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF ST. HWY. 82 (LOVINGTON HWY.) & CO. RD. 209 (TURKEY TRACT RD.), GO NORTH ON CO. RD. 209 APPROX. 5 MILES TO END COUNTY MAINTENANCE, CONTINUE NORTH & NORTHEAST ON TURKEY TRACT RD. (CALICHE) APPROX. 5.1 MILES, CONTINUE NORTHWEST AT INTERSECTION AND GO NORTHWEST, WEST AND SOUTHWEST APPROX. 1.15 MILES TO A ROAD SURVEY ON RIGHT (WEST), FOLLOW ROAD SURVEY WEST APPROX. 0.68 MILES TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED THE SURVEY AND I AM AWARE OF MY KNOWLEDGE AND BELIEVE IT TO BE TRUE AND TO MEET THE MINIMUM STANDARDS FOR SUCH SURVEYING.

FILMON F. JARAMILLO, REGISTERED PROFESSIONAL SURVEYOR NO. 7818

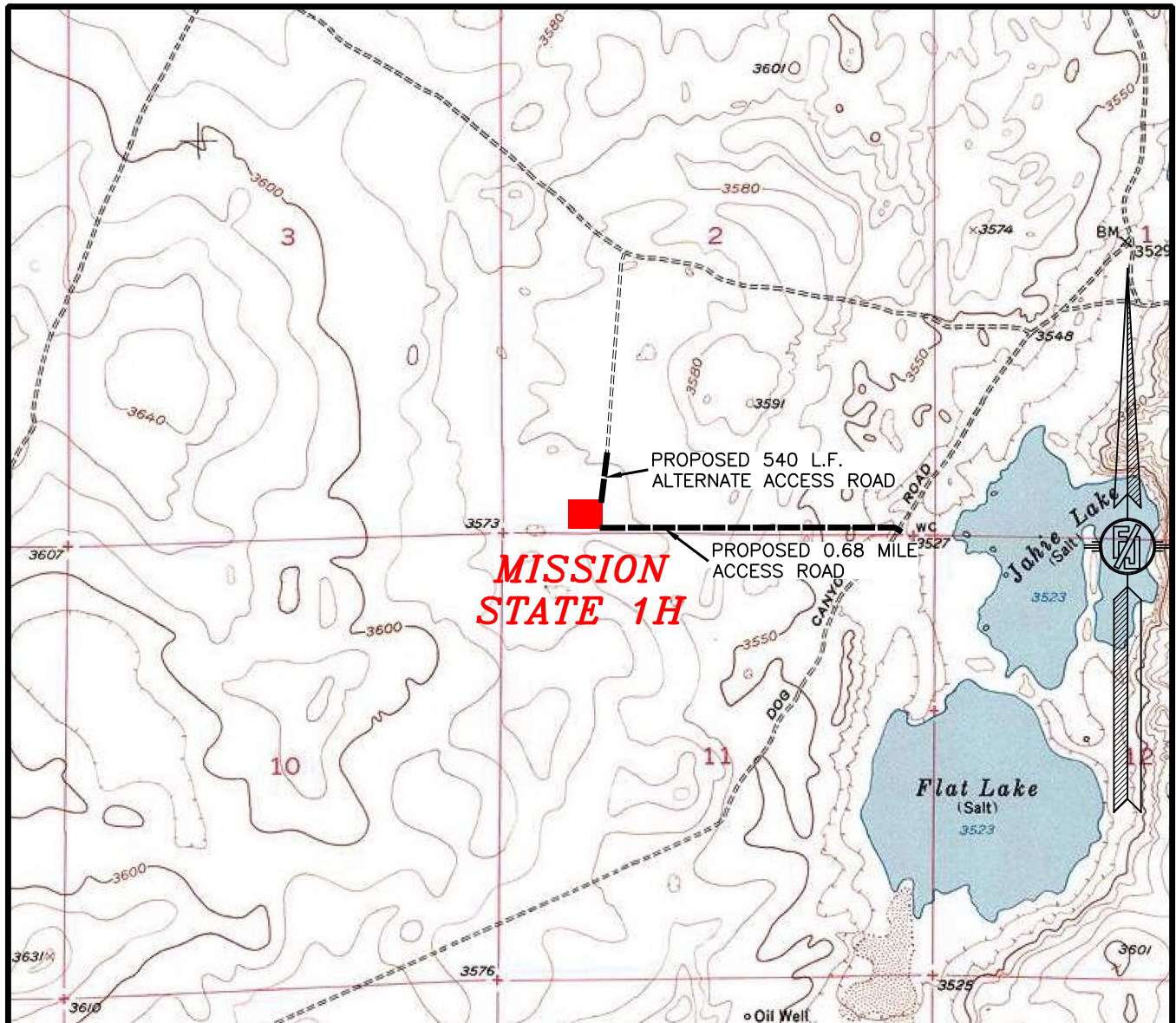
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3327

MACK ENERGY CORPORATION
MISSION STATE 1H
LOCATED 200 FT. FROM THE SOUTH LINE
AND 990 FT. FROM THE WEST LINE OF
SECTION 2, TOWNSHIP 16 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

SEPTEMBER 12, 2024

SURVEY NO. 10256

SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
DIAMOND MOUND

NOT TO SCALE

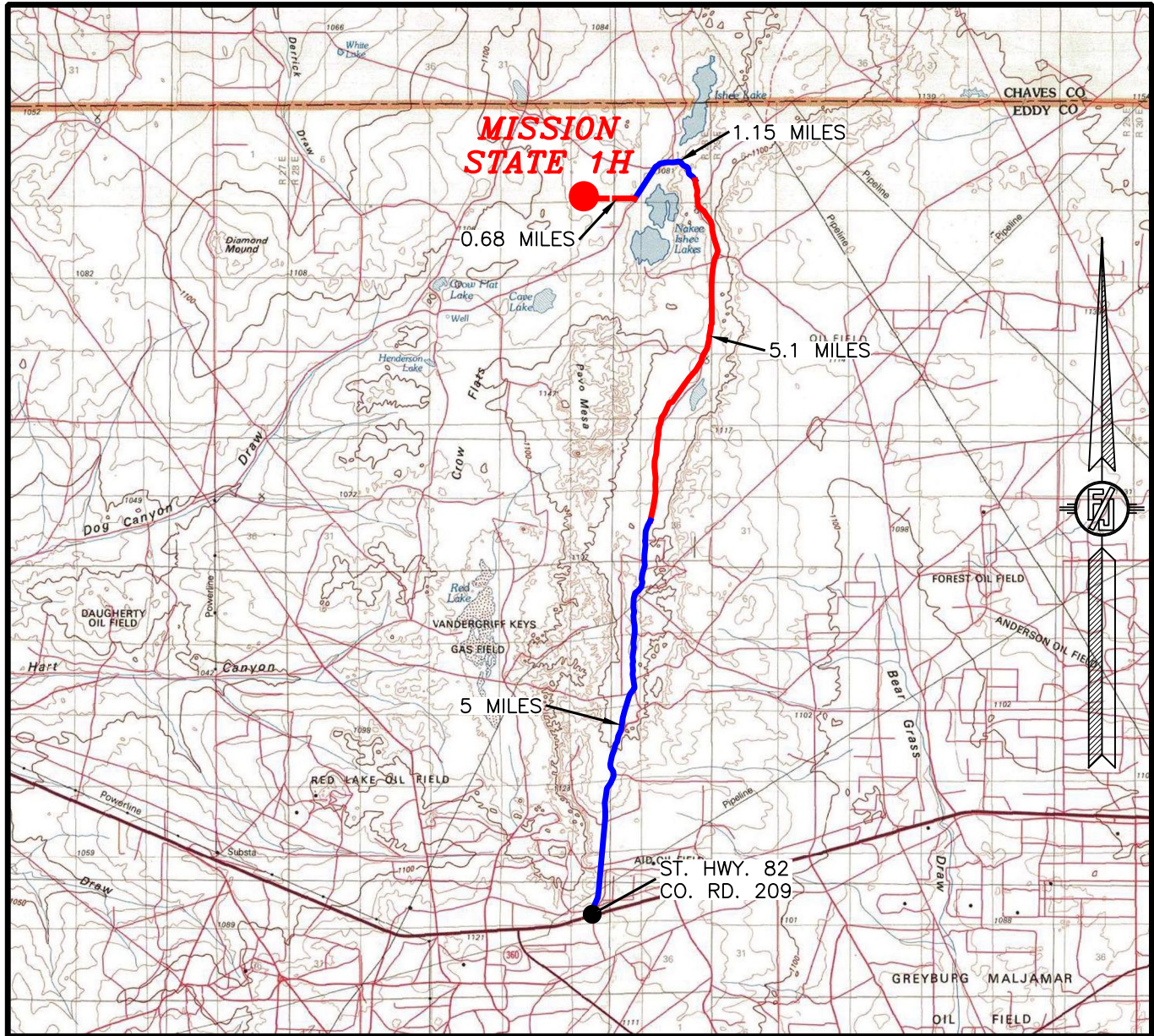
MACK ENERGY CORPORATION
MISSION STATE 1H
LOCATED 200 FT. FROM THE SOUTH LINE
AND 990 FT. FROM THE WEST LINE OF
SECTION 2, TOWNSHIP 16 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

SEPTEMBER 12, 2024

SURVEY NO. 10256

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3327

SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF ST. HWY. 82 (LOVINGTON HWY.) & CO. RD. 209 (TURKEY TRACT RD.), GO NORTH ON CO. RD. 209 APPROX. 5 MILES TO END COUNTY MAINTENANCE, CONTINUE NORTH & NORTHEAST ON TURKEY TRACT RD. (CALICHE) APPROX. 5.1 MILES, CONTINUE NORTHWEST AT INTERSECTION AND GO NORTHWEST, WEST AND SOUTHWEST APPROX. 1.15 MILES TO A ROAD SURVEY ON RIGHT (WEST), FOLLOW ROAD SURVEY WEST APPROX. 0.68 MILES TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

MACK ENERGY CORPORATION
MISSION STATE 1H
 LOCATED 200 FT. FROM THE SOUTH LINE
 AND 990 FT. FROM THE WEST LINE OF
 SECTION 2, TOWNSHIP 16 SOUTH,
 RANGE 28 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO

SEPTEMBER 12, 2024

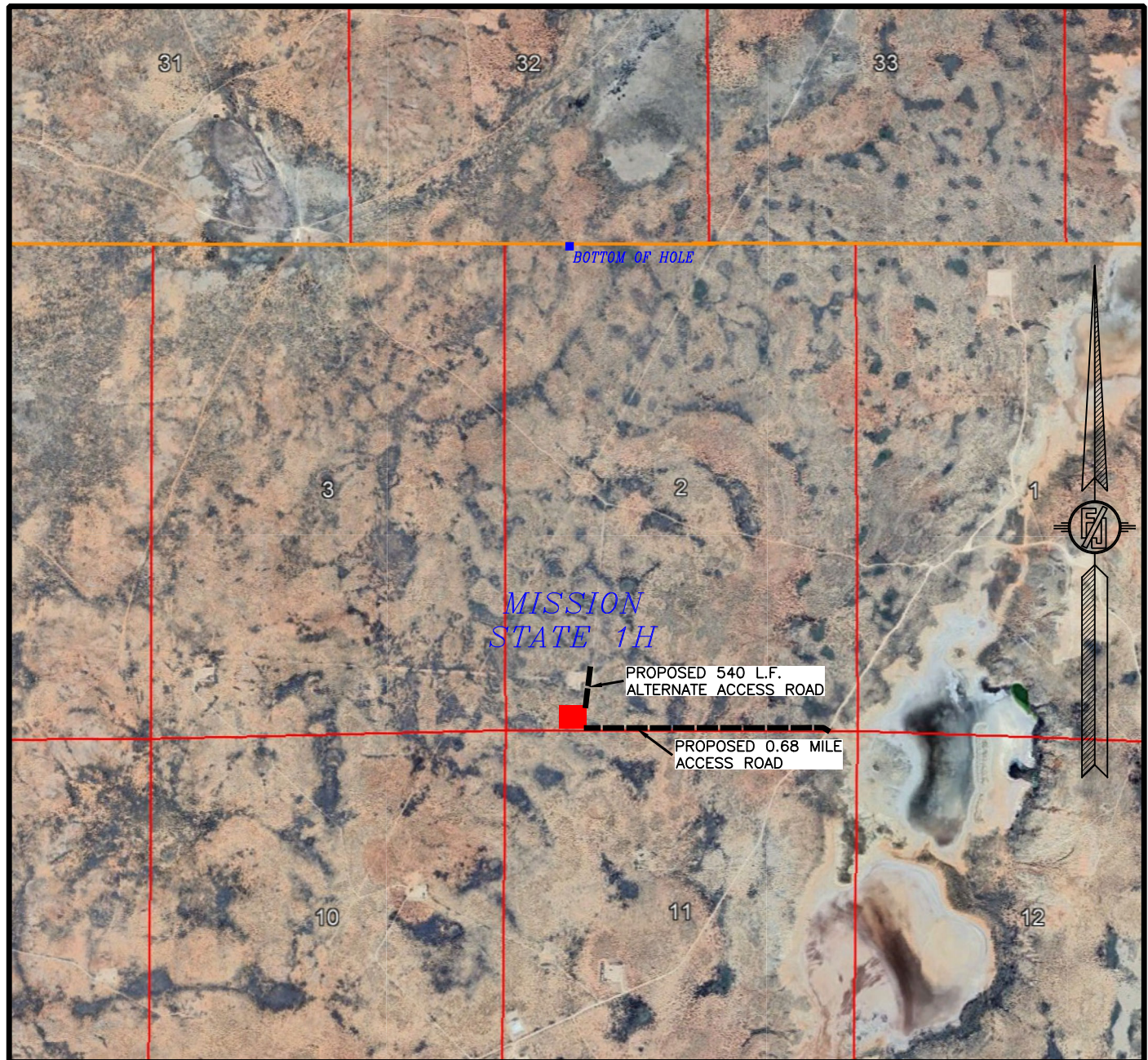
MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3327

CARLSBAD, NEW MEXICO

SURVEY NO. 10256

SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
APRIL, 2023

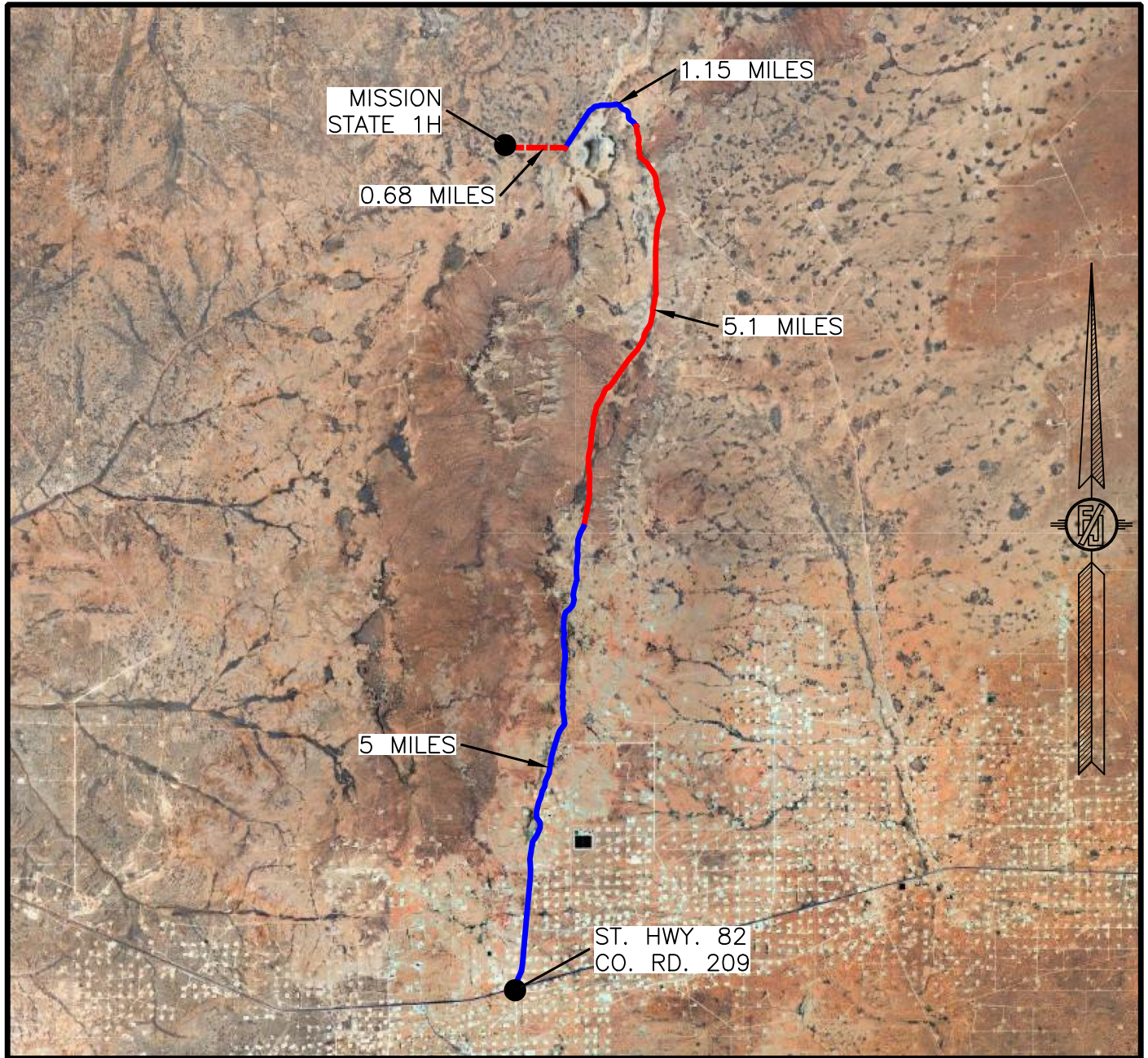
MACK ENERGY CORPORATION
MISSION STATE 1H
LOCATED 200 FT. FROM THE SOUTH LINE
AND 990 FT. FROM THE WEST LINE OF
SECTION 2, TOWNSHIP 16 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

SEPTEMBER 12, 2024

SURVEY NO. 10256

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3327

SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
AERIAL ACCESS ROUTE MAP



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
APRIL, 2023

MACK ENERGY CORPORATION
MISSION STATE 1H
LOCATED 200 FT. FROM THE SOUTH LINE
AND 990 FT. FROM THE WEST LINE OF
SECTION 2, TOWNSHIP 16 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

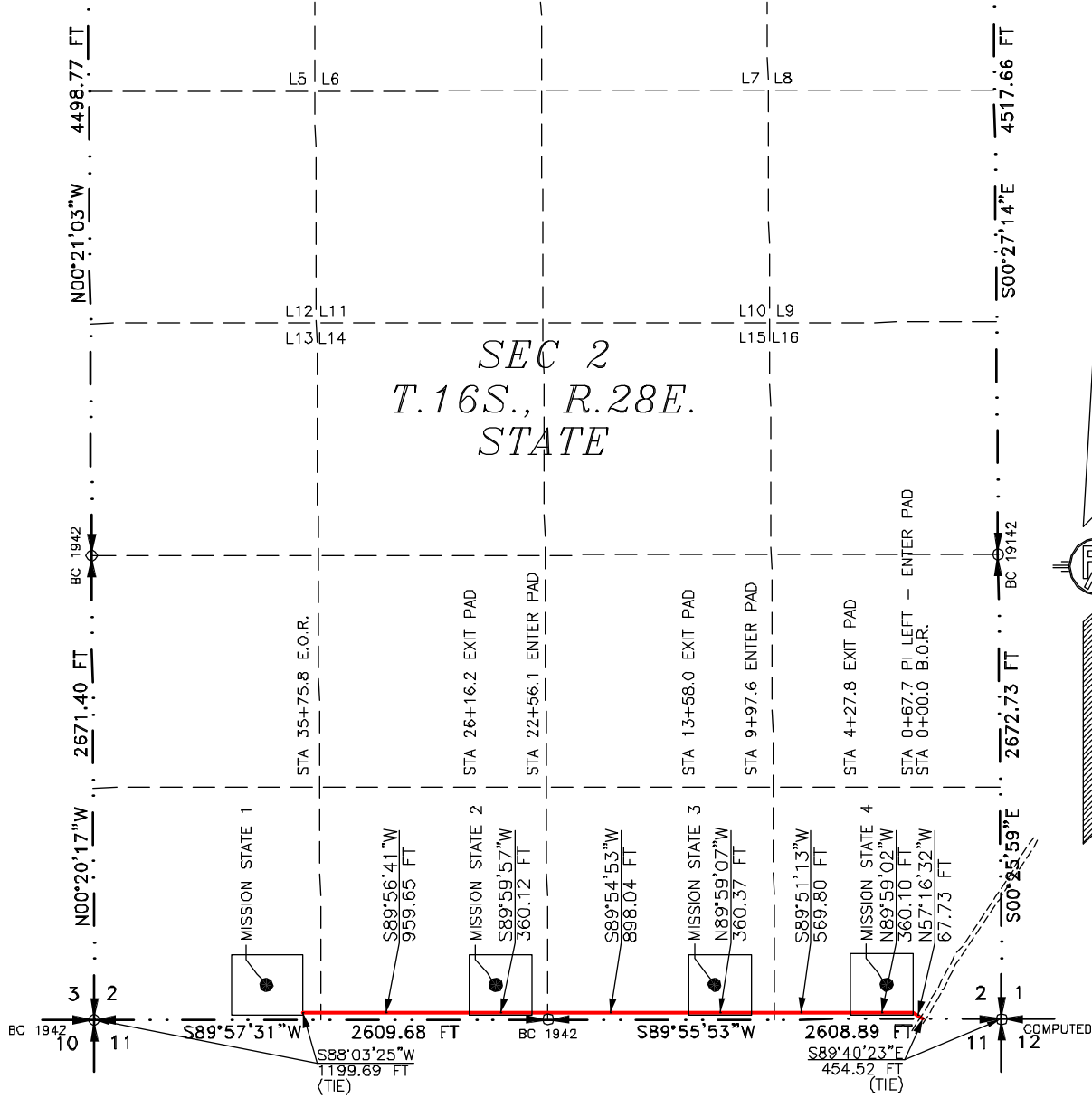
SEPTEMBER 12, 2024

SURVEY NO. 10256

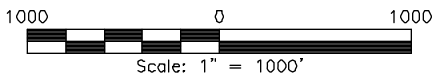
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3327

ACCESS ROAD PLAT
ACCESS ROAD FOR MISSION STATE 1

MACK ENERGY CORPORATION
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
SEPTEMBER 12, 2024



SEE NEXT SHEET (2-2) FOR DESCRIPTION



GENERAL NOTES

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSF EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SURVEYOR CERTIFICATE

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 12TH DAY OF OCTOBER 2024.



MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3327

SURVEY NO. 10256

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3327

ACCESS ROAD PLAT
ACCESS ROAD FOR MISSION STATE 1

MACK ENERGY CORPORATION
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
SEPTEMBER 12, 2024

DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE SE/4 SE/4 OF SAID SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE SOUTHEAST CORNER OF SAID SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S89°40'23"E, A DISTANCE OF 454.52 FEET;
THENCE N57°16'32"W A DISTANCE OF 67.73 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N89°59'02"W A DISTANCE OF 360.10 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S89°51'13"W A DISTANCE OF 569.80 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N89°59'07"W A DISTANCE OF 360.37 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S89°54'53"W A DISTANCE OF 898.04 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S89°59'57"W A DISTANCE OF 360.12 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S89°56'41"W A DISTANCE OF 959.65 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHWEST CORNER OF SAID SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S88°03'25"W, A DISTANCE OF 1199.69 FEET;

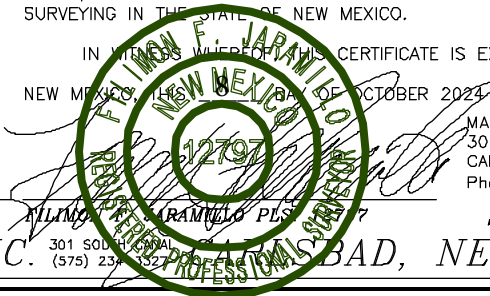
SAID STRIP OF LAND BEING 3575.81 FEET OR 216.72 RODS IN LENGTH, CONTAINING 2.463 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SE/4 SE/4	860.98 L.F.	52.18 RODS	0.593 ACRES
SW/4 SE/4	1304.43 L.F.	79.06 RODS	0.898 ACRES
SE/4 SW/4	1304.82 L.F.	79.08 RODS	0.899 ACRES
SW/4 SW/4	105.58 L.F.	6.40 RODS	0.073 ACRES

SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 14TH DAY OF OCTOBER 2024



MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3327

GENERAL NOTES

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSF EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 2-2

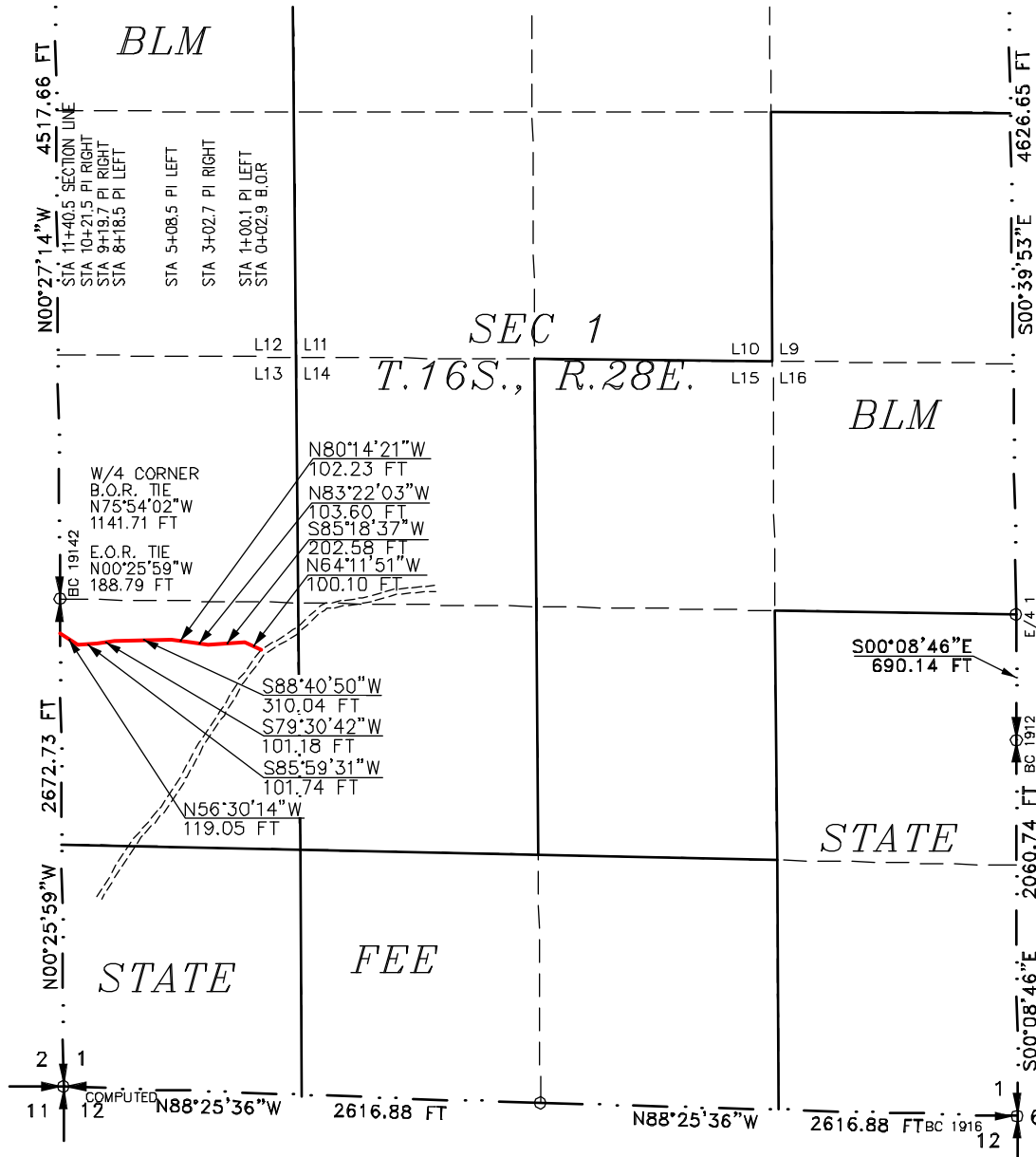
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO 88220 (575) 234-3327

SURVEY NO. 10256

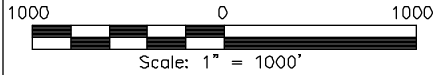
ACCESS ROAD PLAT

EXISTING ROAD FOR ALTERNATE ACCESS TO MISSION STATE 1H

MACK ENERGY CORPORATION
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 1, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
SEPTEMBER 12, 2024



SEE NEXT SHEET (2-4) FOR DESCRIPTION



GENERAL NOTES

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 1-4

SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, ON SEPTEMBER 12, 2024.

MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3327

SURVEY NO. 10256

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3327

ACCESS ROAD PLAT

EXISTING ROAD FOR ALTERNATE ACCESS TO MISSION STATE 1H

**MACK ENERGY CORPORATION
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 1, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
SEPTEMBER 12, 2024**

DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 1, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE NW/4 SW/4 OF SAID SECTION 1, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE WEST QUARTER CORNER OF SAID SECTION 1, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N75°54'02"W, A DISTANCE OF 1141.71 FEET;
THENCE N64°11'51"W A DISTANCE OF 100.10 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S85°18'37"W A DISTANCE OF 202.58 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N83°22'03"W A DISTANCE OF 103.60 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N80°14'21"W A DISTANCE OF 102.23 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S88°40'50"W A DISTANCE OF 310.04 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S79°30'42"W A DISTANCE OF 101.18 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S85°59'31"W A DISTANCE OF 101.74 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N56°30'14"W A DISTANCE OF 119.05 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE WEST QUARTER CORNER OF SAID SECTION 1, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N00°25'59"W, A DISTANCE OF 188.79 FEET;

SAID STRIP OF LAND BEING 1140.51 FEET OR 69.12 RODS IN LENGTH, CONTAINING 0.785 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 SW/4 1140.51 L.F. 69.12 RODS 0.765 ACRES

SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 12TH DAY OF OCTOBER 2024.



MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3327

SURVEY NO. 10256

GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

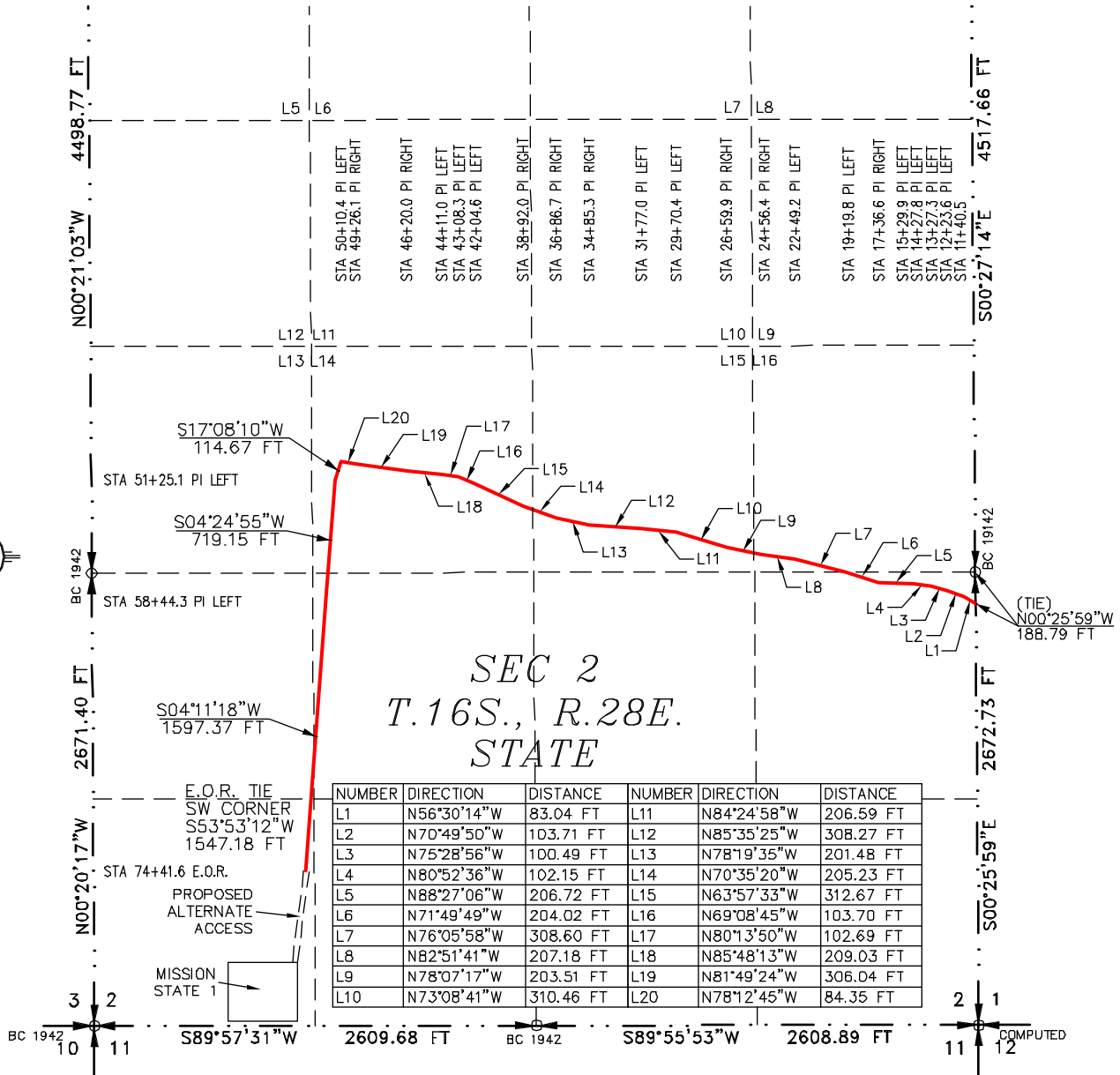
SHEET: 2-4

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3327

ACCESS ROAD PLAT

EXISTING ROAD FOR ALTERNATE ACCESS TO MISSION STATE 1H

MACK ENERGY CORPORATION
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
SEPTEMBER 12, 2024



SEC 2
T. 16S., R. 28E.
STATE

SEE NEXT SHEET (4-4) FOR DESCRIPTION

SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, MY CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, ON SEPTEMBER 12, 2024.

FILIMON F. JARAMILLO
NEW MEXICO PROFESSIONAL SURVEYOR
NO. 12797
MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3327

MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
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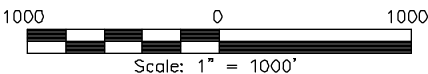
SURVEY NO. 10256

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

GENERAL NOTES

- THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 3-4



ACCESS ROAD PLAT

EXISTING ROAD FOR ALTERNATE ACCESS TO MISSION STATE 1H

MACK ENERGY CORPORATION
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
SEPTEMBER 12, 2024

DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE NE/4 SE/4 OF SAID SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N00°25'59"W, A DISTANCE OF 188.79 FEET;

THENCE N56°30'14"W A DISTANCE OF 83.04 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N70°49'50"W A DISTANCE OF 103.71 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N75°28'56"W A DISTANCE OF 100.49 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N80°52'36"W A DISTANCE OF 102.15 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N88°27'06"W A DISTANCE OF 206.72 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N71°49'49"W A DISTANCE OF 204.02 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N76°05'58"W A DISTANCE OF 308.60 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N82°51'41"W A DISTANCE OF 207.18 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N78°07'17"W A DISTANCE OF 203.51 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N73°08'41"W A DISTANCE OF 310.46 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N84°24'58"W A DISTANCE OF 206.59 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N85°35'25"W A DISTANCE OF 308.27 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N78°19'35"W A DISTANCE OF 201.48 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N70°35'20"W A DISTANCE OF 205.23 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N63°57'33"W A DISTANCE OF 312.67 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N69°08'45"W A DISTANCE OF 103.70 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N80°13'50"W A DISTANCE OF 102.69 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N85°48'13"W A DISTANCE OF 209.03 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N81°49'24"W A DISTANCE OF 306.04 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N78°12'45"W A DISTANCE OF 84.35 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S17°08'10"W A DISTANCE OF 114.67 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S04°24'55"W A DISTANCE OF 719.15 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S04°11'18"W A DISTANCE OF 1597.37 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHWEST CORNER OF SAID SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S53°53'12"W, A DISTANCE OF 1547.18 FEET;

SAID STRIP OF LAND BEING 6301.11 FEET OR 381.89 RODS IN LENGTH, CONTAINING 4.340 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 SE/4	791.79 L.F.	47.99 RODS	0.545 ACRES
LOT 16	560.05 L.F.	33.94 RODS	0.386 ACRES
LOT 15	1336.06 L.F.	80.97 RODS	0.920 ACRES
LOT 14	1847.29 L.F.	111.96 RODS	1.272 ACRES
NE/4 SW/4	1148.91 L.F.	69.63 RODS	0.791 ACRES
NW/4 SW/4	190.68 L.F.	11.56 RODS	0.131 ACRES
SW/4 SW/4	426.33 L.F.	25.84 RODS	0.294 ACRES

SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, ON 12TH DAY OF SEPTEMBER 2024.



MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3327

SURVEY NO. 10256

GENERAL NOTES

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 4-4

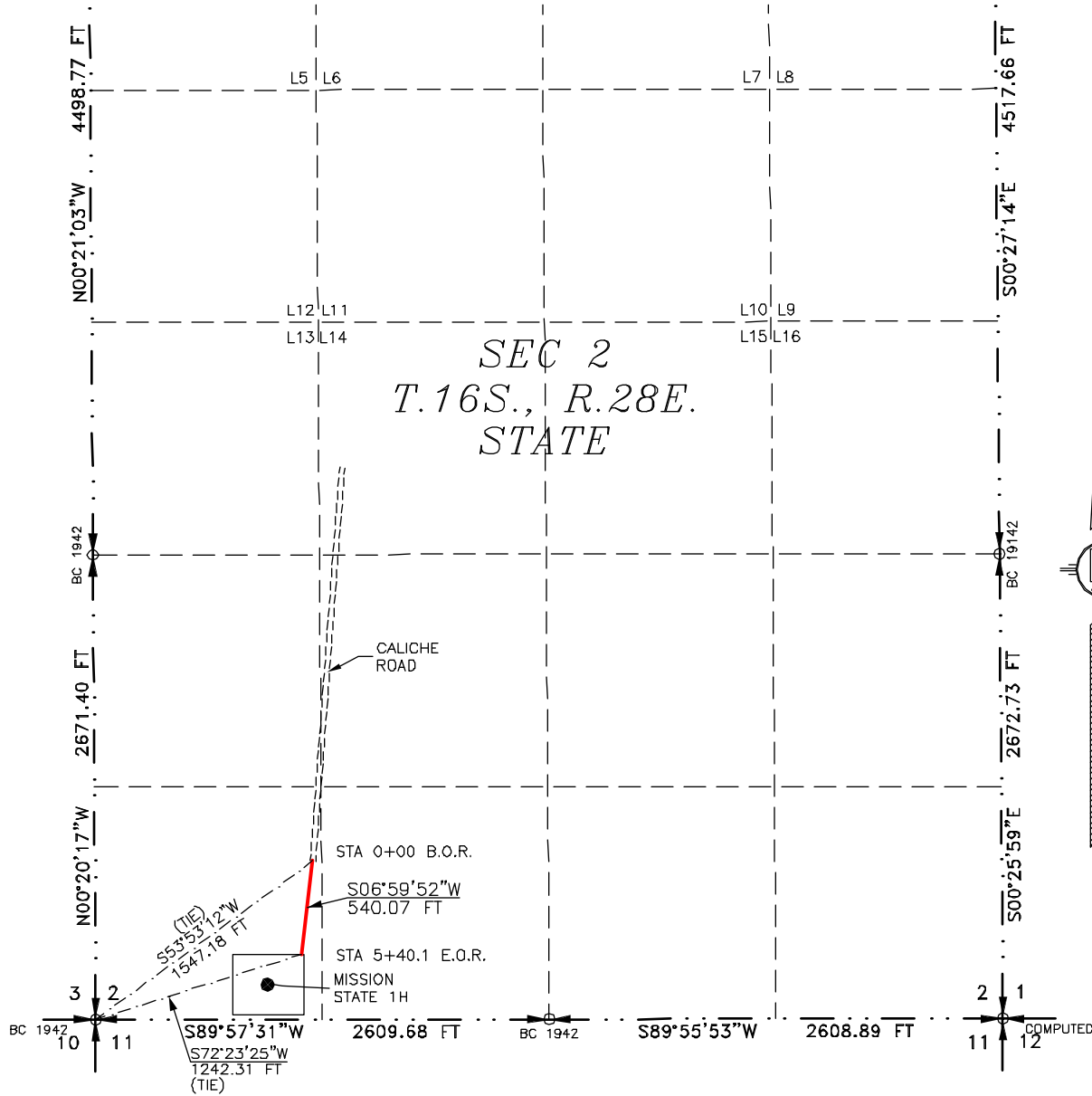
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3327

ACCESS ROAD PLAT

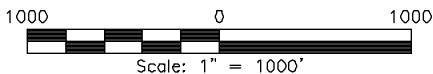
ALTERNATE ACCESS ROAD FOR MISSION STATE 1H

MACK ENERGY CORPORATION

CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
SEPTEMBER 12, 2024



SEE NEXT SHEET (2-2) FOR DESCRIPTION



GENERAL NOTES

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSF EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SURVEYOR CERTIFICATE

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IN WITNESS WHEREOF THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 12TH DAY OF OCTOBER 2024.

MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3327

SHEET: 1-2

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO 88220 (575) 234-3327 SURVEY NO. 10256

ACCESS ROAD PLAT

ALTERNATE ACCESS ROAD FOR MISSION STATE 1H

MACK ENERGY CORPORATION

**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
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BEGINNING AT A POINT WITHIN THE SW/4 SW/4 OF SAID SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE SOUTHWEST CORNER OF SAID SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S53°53'12"W, A DISTANCE OF 1547.18 FEET;
THENCE S06°59'52"W A DISTANCE OF 540.07 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHWEST CORNER OF SAID SECTION 2, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S72°23'25"W, A DISTANCE OF 1242.31 FEET;

SAID STRIP OF LAND BEING 540.07 FEET OR 32.73 RODS IN LENGTH, CONTAINING 0.372 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SW/4 SW/4 540.07 L.F. 32.73 RODS 0.372 ACRES

GENERAL NOTES

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- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

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SURVEY NO. 10256

SHEET: 2-2

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3327

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 569203

CONDITIONS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 569203
	Action Type: [C-103A] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	4/22/2026