

Well Name: WESTMOUNT FEDERAL	Well Location: T15S / R28E / SEC 27 / SWSW / 32.9808339 / -104.1271281	County or Parish/State: CHAVES / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM132939, NMNM138829	Unit or CA Name:	Unit or CA Number:
US Well Number: 3000564381	Well Status: Drilling Shut In	Operator: MACK ENERGY CORPORATION

Notice of Intent

Sundry ID: 2727788

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 04/26/2023	Time Sundry Submitted: 12:02
Date proposed operation will begin: 04/26/2023	

Procedure Description: Mack Energy Corporation request following Changes to the Westmount Federal 1H- Name change to Westmount Federal Com 1H FTP- Unit D Sec 34 T15S R28E 100 FNL 990 FWL Chaves LTP- Unit M Sec 34 T15S R28E 100 FSL 990 FWL Chaves BHL- Unit M Sec 34 T15S 28E 1 FSL 990 FWL Chaves Production- Drill 8 3/4" hole to 8217'. RIH w/ 7" csg 26# P-110 LT&C 0-1800' C-7.378053, B-3.349762, T-3.316667, J- 7.0408, 7" csg 26# HCP-110 Buttress 1800-2950' C-4.800958, B-3.368337, T-3.349762, J-8.666379, 5 1/2" csg 17# HCP-110 Buttress 2950-8217' C-5.480471, B-3.704974, T-3.60192, J-7.530305 Cmt w/ 315sx Class C 4% PF20+4pps PF45+125pps PF29, yld. 1.84, density 13.2 mix H2O 9.914, 35% Excess, Slurry Top Surface, Tail w/ 1525sx PVL +1.3 (BWOW) PF44+5%PF174+.5%PF606+.1%PF153+.4ppsPF44 yld 1.48, density 13, mix H2O 7.577, 35% Excess, Slurry Top 1700', Cu/Ft 2075 Additives- 20bbls Gelled Water, 20bbls Chemical Wash, 50sx of 11# Scavenger Cmt

NOI Attachments

Procedure Description

- WESTMOUNT_FEDERAL_COM_1H_20230426120217.pdf
- Westmount_Federal_1H_Revised_Preliminary_Horizontal_Well_Plan_1_20230426120203.pdf
- Production_Csg_20230426120149.pdf

Well Name: WESTMOUNT FEDERAL	Well Location: T15S / R28E / SEC 27 / SWSW / 32.9808339 / -104.1271281	County or Parish/State: CHAVES / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM132939, NMNM138829	Unit or CA Name:	Unit or CA Number:
US Well Number: 3000564381	Well Status: Drilling Shut In	Operator: MACK ENERGY CORPORATION

Conditions of Approval

Specialist Review

Conditions_of_Approval_20230426133718.pdf

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: DEANA WEAVER	Signed on: APR 26, 2023 12:02 PM
Name: MACK ENERGY CORPORATION	
Title: Production Clerk	
Street Address: 11344 Lovington HWY	
City: Artesia	State: NM
Phone: (575) 748-1288	
Email address: dweaver@mec.com	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: JENNIFER SANCHEZ	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5756270237	BLM POC Email Address: j1sanchez@blm.gov
Disposition: Approved	Disposition Date: 04/26/2023
Signature: Jennifer Sanchez	

**PECOS DISTRICT
DRILLING OPERATIONS
CONDITIONS OF APPROVAL**

OPERATOR'S NAME:	Mack Energy Corporation
LEASE NO.:	NMNM-138829
WELL NAME & NO.:	Westmount Federal 1H
SURFACE HOLE FOOTAGE:	0330' FSL & 0400' FWL
BOTTOM HOLE FOOTAGE	0001' FSL & 0990' FWL Sec. 34, T. 15 S., R 28 E.
LOCATION:	Section 27, T. 15 S., R 28 E., NMPM
COUNTY:	Chaves County, New Mexico

Original COAs and Sundry 2719607 COAs still stand.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-005-64381	² Pool Code 52770	³ Pool Name Round Tank; San Andres
⁴ Property Code 333830	⁵ Property Name WESTMOUNT FEDERAL COM	⁶ Well Number 1H
⁷ OGRID No. 13837	⁸ Operator Name MACK ENERGY CORPORATION	⁹ Elevation 3599.7

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	27	15 S	28 E		330	SOUTH	400	WEST	CHAVES

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	34	15 S	28 E		1	SOUTH	990	WEST	CHAVES

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>Deana Weaver</i> 4/25/23 Signature Date Deana Weaver Printed Name dweaver@mec.com E-mail Address
	¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> APRIL 21, 2023 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor: Certificate Number: 12797 SURVEY NO. 9338B

Intent ☒ As Drilled ☐

API #		
Operator Name: MACK ENERGY CORPORATION	Property Name: WESTMOUNT FEDERAL COM	Well Number 1H

Kick Off Point (KOP)

UL M	Section 27	Township 15S	Range 28E	Lot	Feet 330	From N/S SOUTH	Feet 400	From E/W WEST	County CHAVES
Latitude 32.9808339					Longitude 104.1271281			NAD 83	

First Take Point (FTP)

UL D	Section 34	Township 15S	Range 28E	Lot	Feet 100	From N/S NORTH	Feet 990	From E/W WEST	County CHAVES
Latitude 32.9796537					Longitude 104.1252021			NAD 83	

Last Take Point (LTP)

UL M	Section 34	Township 15S	Range 28E	Lot	Feet 100	From N/S SOUTH	Feet 990	From E/W WEST	County CHAVES
Latitude 32.9656179					Longitude 104.1250665			NAD 83	

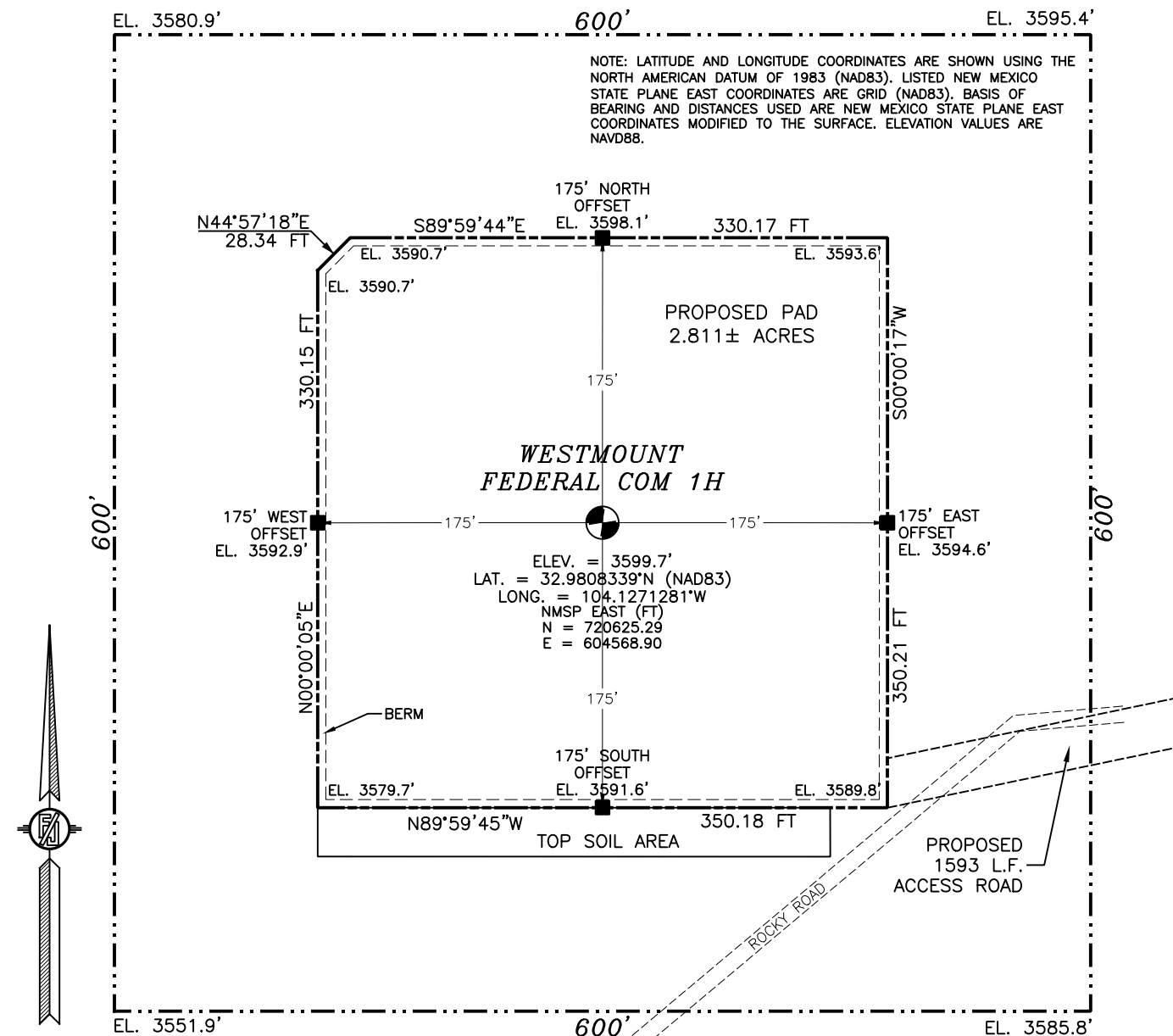
Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

**SECTION 27, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO
SITE MAP**



010 50 100 200

SCALE 1" = 100'

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 ON TURKEY TRACT ROAD APPROX. 8.4 MILES TO AN EXISTING PAD, CONTINUE NORTHWEST & NORTH APPROX. 0.65 MILES, TURN LEFT (NORTHWEST) ON CALICHE ROAD AND GO APPROX. 0.75 MILES TO A ROAD SURVEY ON LEFT (WEST), FOLLOW ROAD SURVEY SOUTHWEST APPROX. 0.8 MILES TO THE NORTHWEST PAD CORNER FOR DAWSON CITY FEDERAL 1, FROM THE SOUTHWEST PAD CORNER FOLLOW ROAD SURVEY APPROX. 1593' TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

I, FILIMON F. JARAMILLO, A NEW MEXICO LICENSED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND WAS RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT I HAVE COMPLIED WITH THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

FILIMON F. JARAMILLO, PLS. 7984

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

**MACK ENERGY CORPORATION
WESTMOUNT FEDERAL COM 1H
LOCATED 330 FT. FROM THE SOUTH LINE
AND 400 FT. FROM THE WEST LINE OF
SECTION 27, TOWNSHIP 15 SOUTH,
RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO**

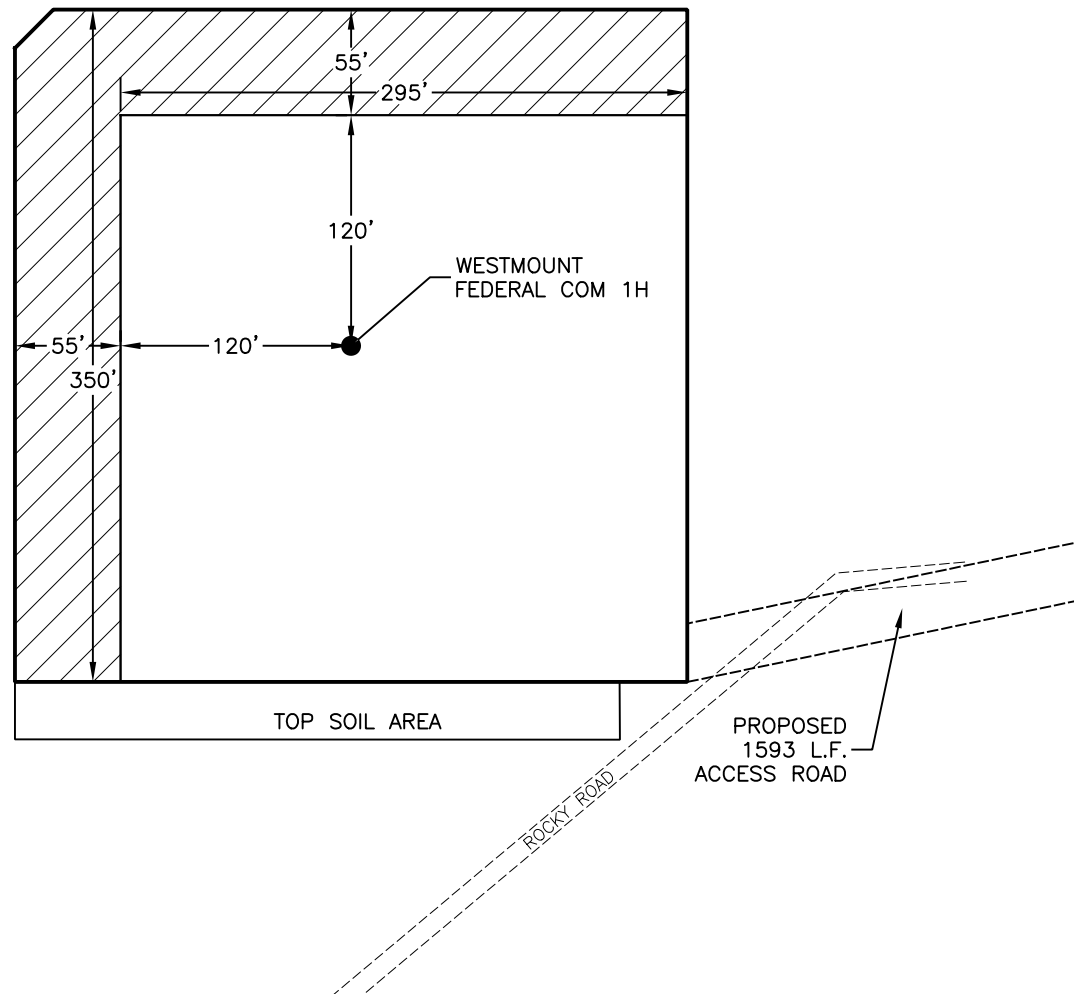
APRIL 21, 2023

SURVEY NO. 9338B

CARLSBAD, NEW MEXICO

SECTION 27, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO
INTERIM SITE RECLAMATION

 DENOTES
RECLAMATION AREA
0.810± ACRES RECLAMATION AREA



0 10 50 100 200
SCALE 1" = 100'

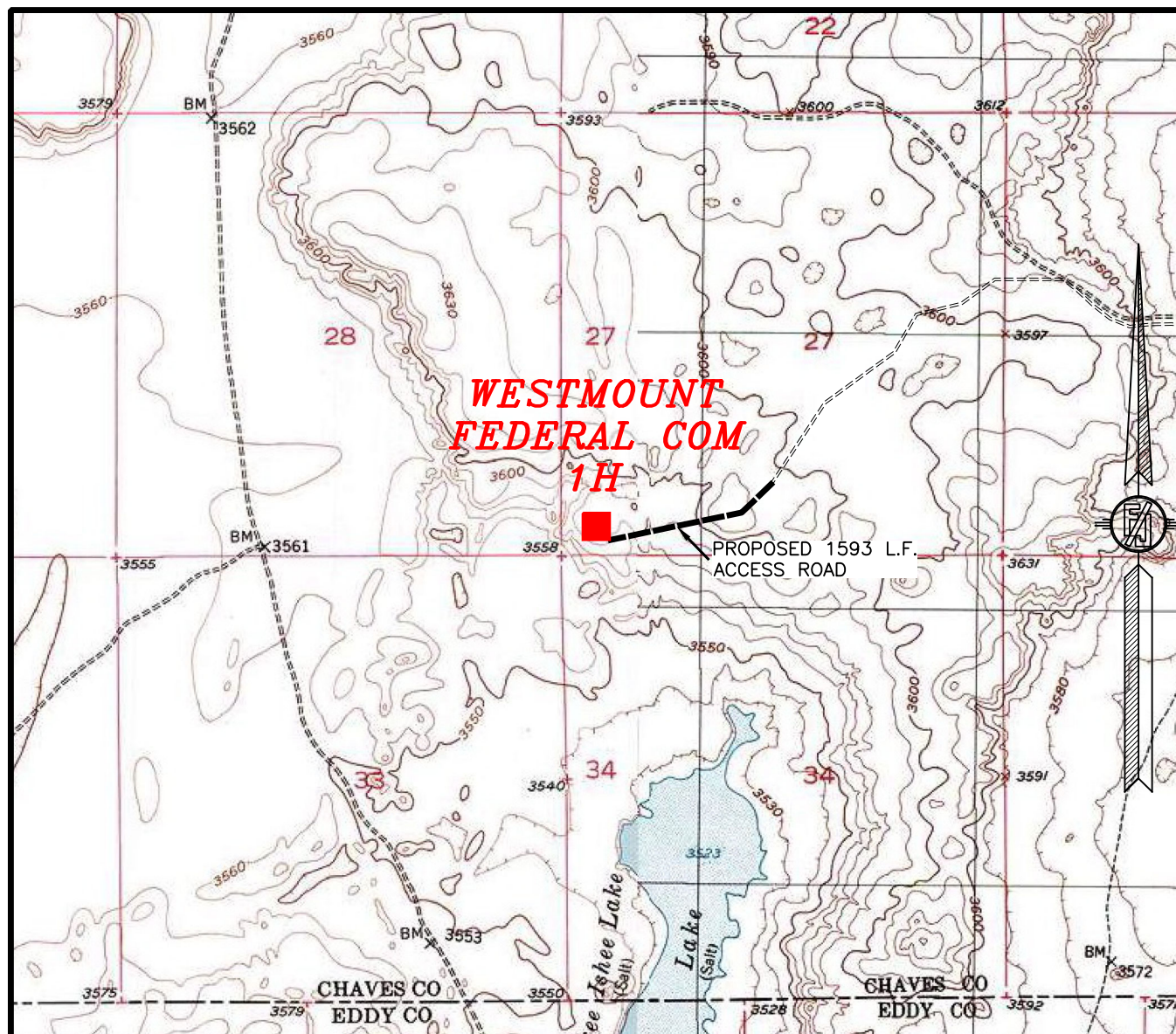
MACK ENERGY CORPORATION
WESTMOUNT FEDERAL COM 1H
LOCATED 330 FT. FROM THE SOUTH LINE
AND 400 FT. FROM THE WEST LINE OF
SECTION 27, TOWNSHIP 15 SOUTH,
RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO

APRIL 21, 2023

SURVEY NO. 9338B

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

SECTION 27, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
BASIN WELL
DIAMOND MOUND

NOT TO SCALE

MACK ENERGY CORPORATION
WESTMOUNT FEDERAL COM 1H
LOCATED 330 FT. FROM THE SOUTH LINE
AND 400 FT. FROM THE WEST LINE OF
SECTION 27, TOWNSHIP 15 SOUTH,
RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO

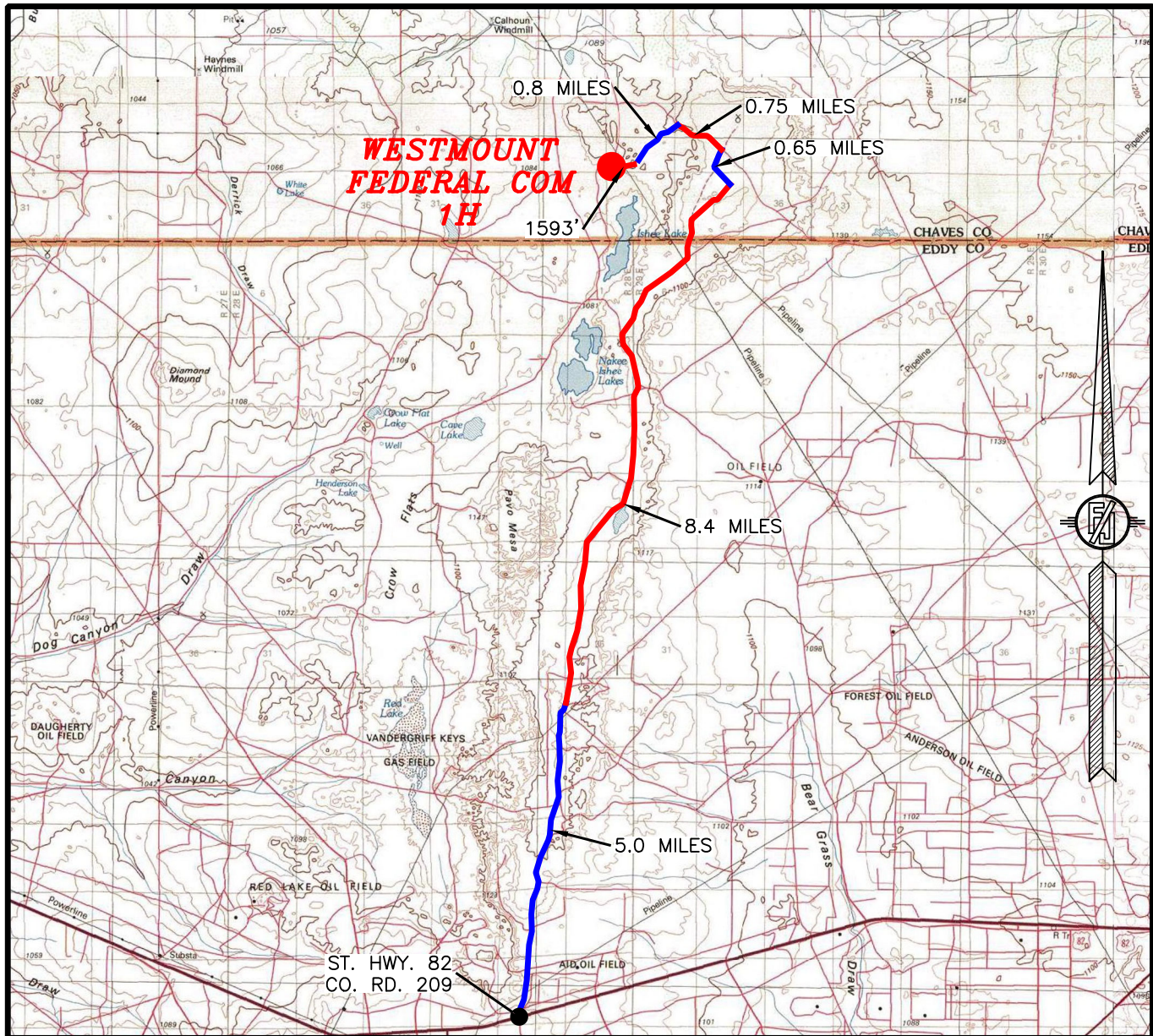
APRIL 21, 2023

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

SURVEY NO. 9338B
CARLSBAD, NEW MEXICO

SECTION 27, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M.
CHAVES 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 ON TURKEY TRACT ROAD APPROX. 8.4 MILES TO AN EXISTING PAD, CONTINUE NORTHWEST & NORTH APPROX. 0.65 MILES, TURN LEFT (NORTHWEST) ON CALICHE ROAD AND GO APPROX. 0.75 MILES TO A ROAD SURVEY ON LEFT (WEST), FOLLOW ROAD SURVEY SOUTHWEST APPROX. 0.8 MILES TO THE NORTHEAST PAD CORNER FOR DAWSON CITY FEDERAL 1, FROM THE SOUTHWEST PAD CORNER FOLLOW ROAD SURVEY APPROX. 1593' TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

MACK ENERGY CORPORATION
WESTMOUNT FEDERAL COM 1H
LOCATED 330 FT. FROM THE SOUTH LINE
AND 400 FT. FROM THE WEST LINE OF
SECTION 27, TOWNSHIP 15 SOUTH,
RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO

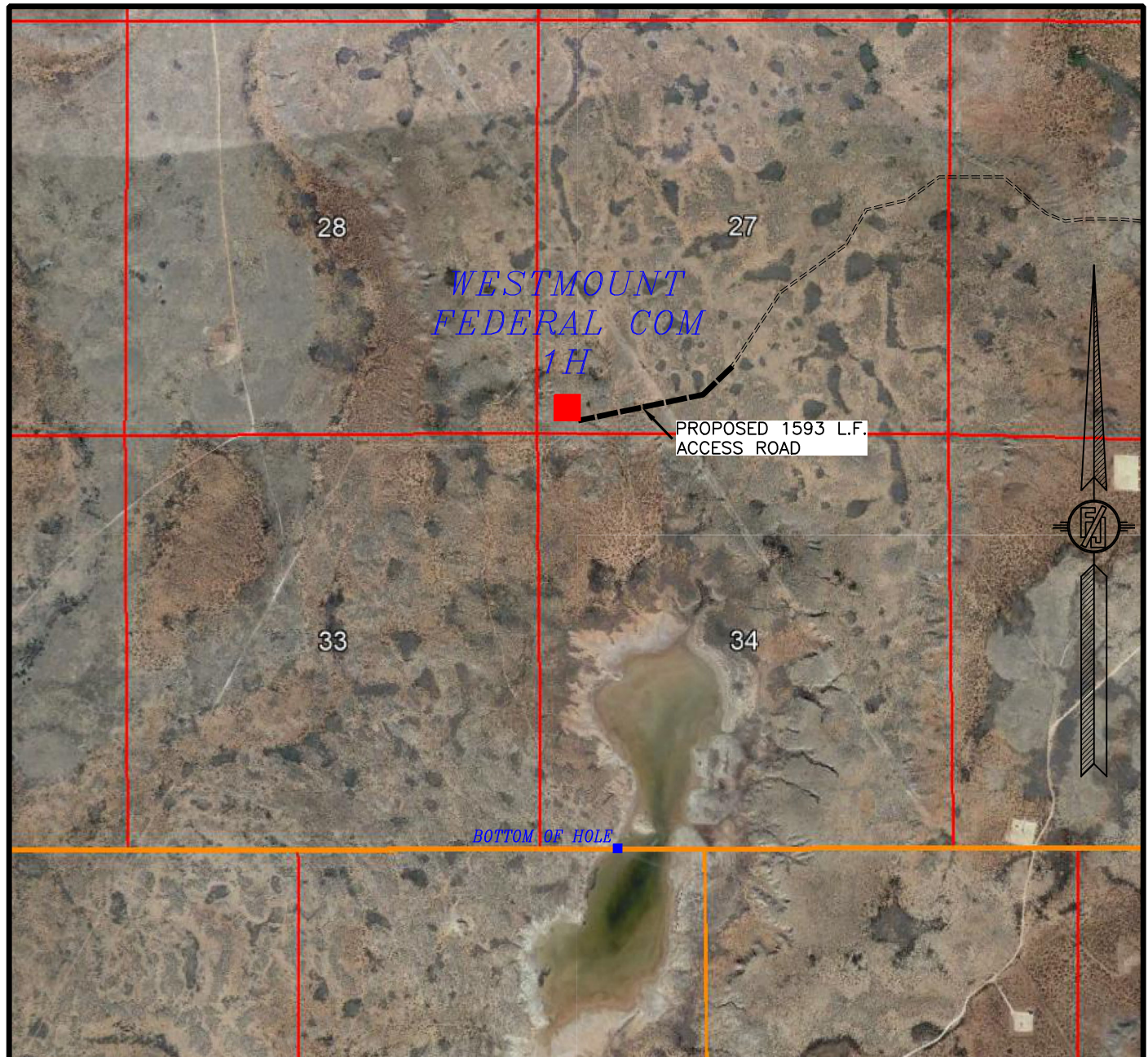
APRIL 21, 2023

MADRON SURVEYING, INC. 301 SOUTH CANAL

(575) 234-3341

SURVEY NO. 9338B
CARLSBAD, NEW MEXICO

SECTION 27, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
DEC. 2019

MACK ENERGY CORPORATION
WESTMOUNT FEDERAL COM 1H
LOCATED 330 FT. FROM THE SOUTH LINE
AND 400 FT. FROM THE WEST LINE OF
SECTION 27, TOWNSHIP 15 SOUTH,
RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO

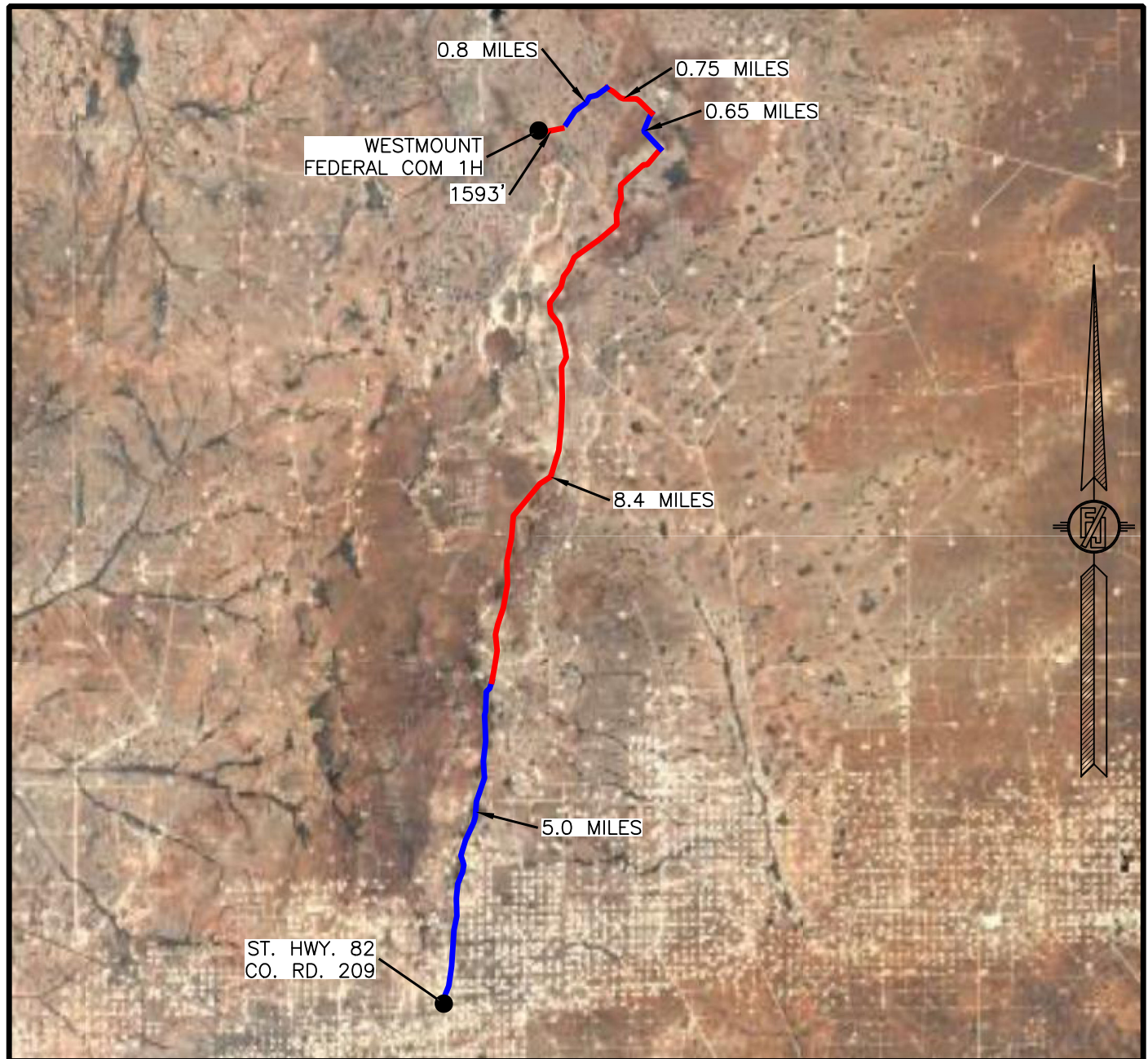
APRIL 21, 2023

SURVEY NO. 9338B

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

CARLSBAD, NEW MEXICO

SECTION 27, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO
AERIAL ACCESS ROUTE MAP



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
DEC. 2019

MACK ENERGY CORPORATION
WESTMOUNT FEDERAL COM 1H
LOCATED 330 FT. FROM THE SOUTH LINE
AND 400 FT. FROM THE WEST LINE OF
SECTION 27, TOWNSHIP 15 SOUTH,
RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO

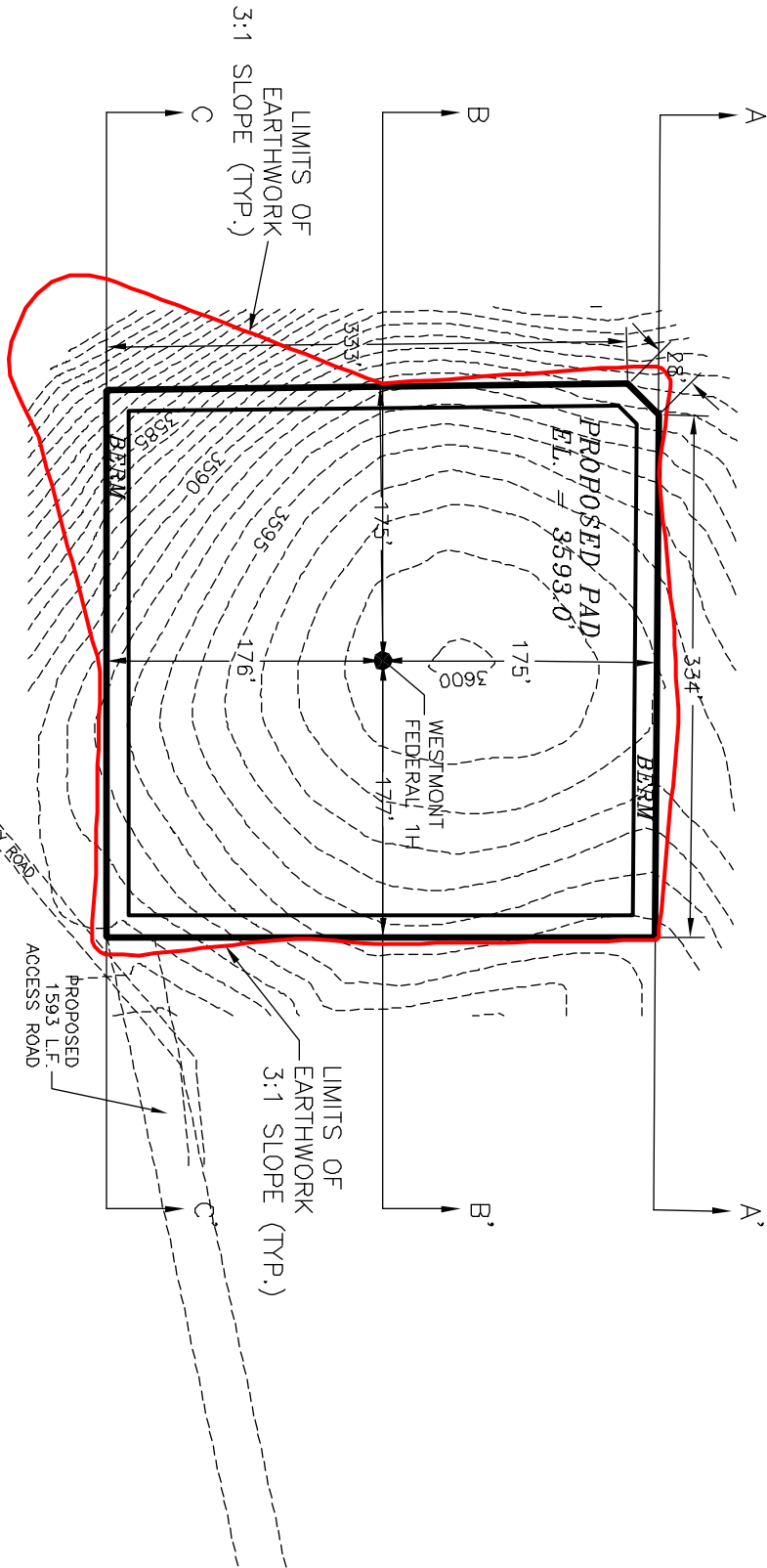
APRIL 21, 2023

SURVEY NO. 9338B

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

CARLSBAD, NEW MEXICO

PLAN VIEW

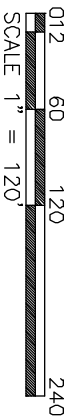


I, FILMON F. JARAN, NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFICATE NO. 12297, AM RESPONSIBLE FOR THIS SURVEY, THAT THE SURVEYING AND PLAT ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

MACK ENERGY CORPORATION
PAD GRADING AND CROSS SECTIONS
FOR WESTMONT FEDERAL COM 1H
SECTION 27, TOWNSHIP 16 SOUTH,
RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO

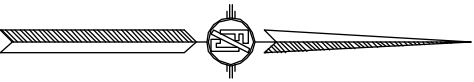
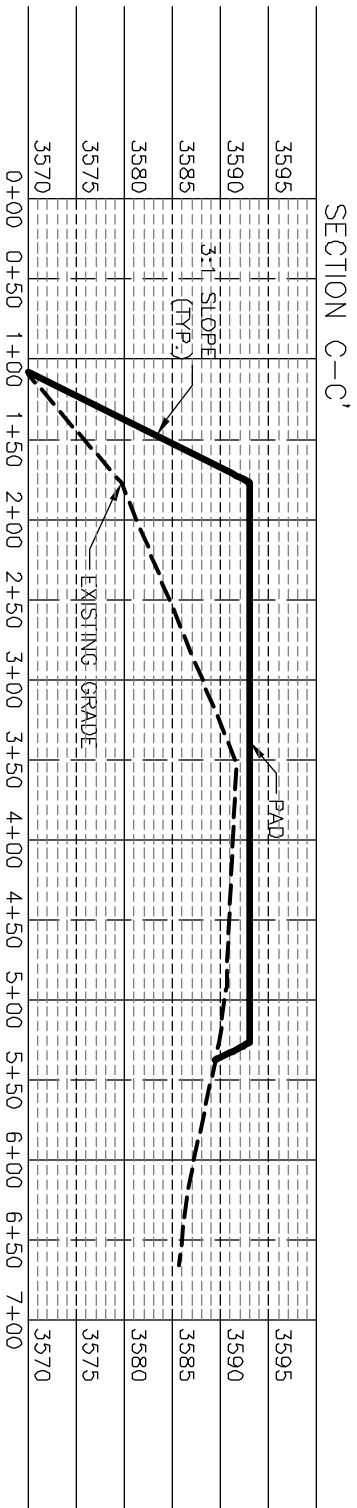
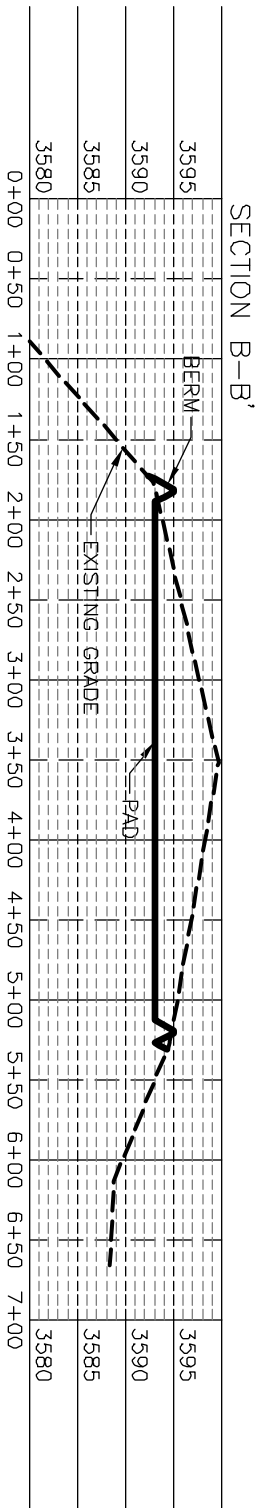
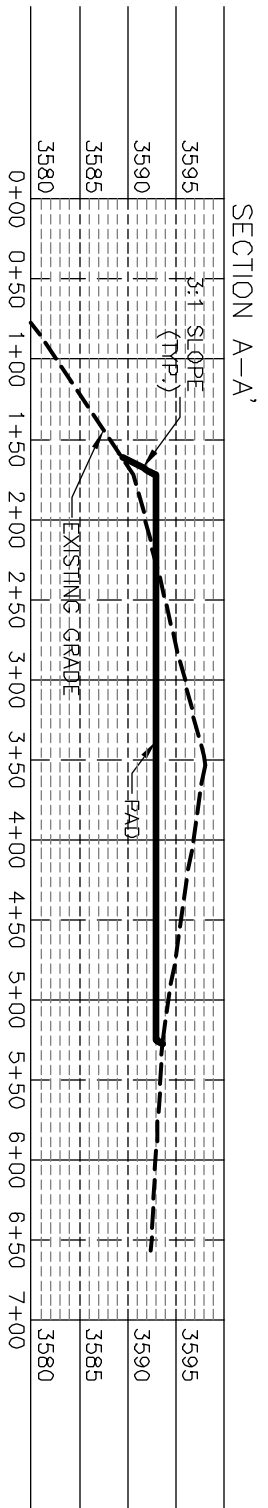
CUT	FILL	NET
3559 CU. YD	6666 CU. YD	2893 CU. YD (CUT)

EARTHWORK QUANTITIES ARE ESTIMATED



APRIL 21, 2023
301 SOUTH CANAL
CARLSBAD, NEW MEXICO
SHEET 1-2
SURVEY NO. 9338B

CROSS-SECTIONS



I, FILMON F. JARAYAN, NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFICATE NO. 12297, AM RESPONSIBLE FOR THIS SURVEY, THAT THE SURVEYING AND PLATTING WAS DONE TO THE BEST OF MY KNOWLEDGE AND BELIEF IN ACCORDANCE WITH THE STANDARDS FOR SURVEYING IN NEW MEXICO.

MACK ENERGY CORPORATION
PAD GRADING AND CROSS SECTIONS
FOR WESTMOUNT FEDERAL COM 1H
SECTION 27, TOWNSHIP 16 SOUTH,
RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO

012 60 120 240
SCALE 1" = 120' - 1" = 20' VER

CUT	FILL	NET
3559 CU. YD	6666 CU. YD	2893 CU. YD (CUT)

EARTHWORK QUANTITIES ARE ESTIMATED

APRIL 21, 2023
301 SOUTH CANAL
CARLSBAD, NEW MEXICO

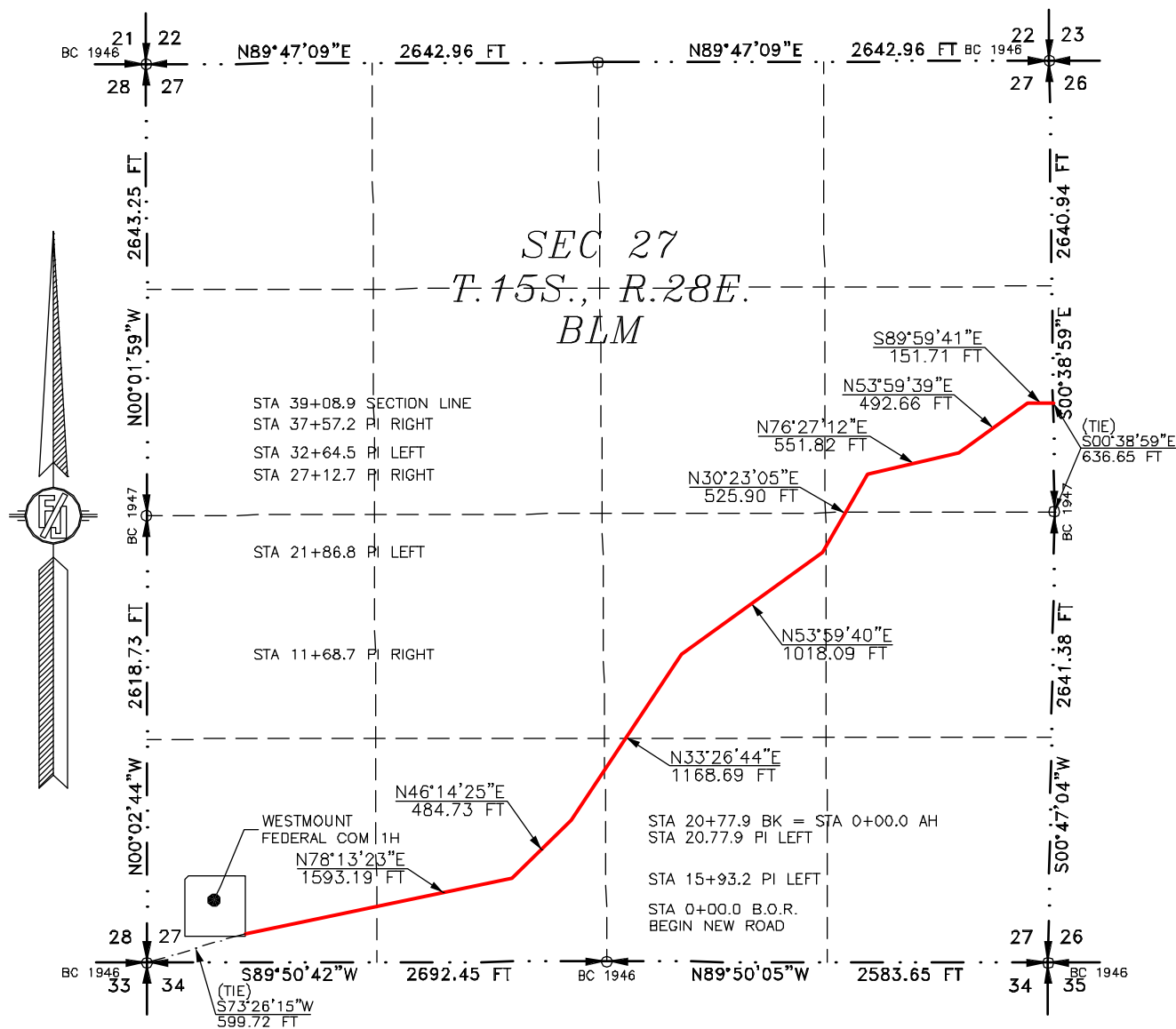
SHEET 2-2
SURVEY NO. 9338B

ACCESS ROAD PLAT

ACCESS ROAD FOR WESTMOUNT FEDERAL COM 1H

MACK ENERGY CORPORATION

CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 27, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO
APRIL 21, 2023



SEE NEXT SHEET (2-4) 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, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,
NEW MEXICO, THIS 14TH DAY OF APRIL 2023.

MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3341

SURVEY NO. 9338B

SHEET: 1-4

MADRON SURVEYING, INC. 301 SOUTH CINALA, SUITE 100 ALBUQUERQUE, NEW MEXICO 87102
(505) 234-1441

ACCESS ROAD PLAT

ACCESS ROAD FOR WESTMOUNT FEDERAL COM 1H

MACK ENERGY CORPORATION

**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 27, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO
APRIL 21, 2023**

DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 27, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M., CHAVES COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE SW/4 SW/4 OF SAID SECTION 27, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE SOUTHWEST CORNER OF SAID SECTION 27, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S73°26'15"W, A DISTANCE OF 599.72 FEET;
THENCE N78°13'23"E A DISTANCE OF 1593.19 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N46°14'25"E A DISTANCE OF 484.73 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N33°26'44"E A DISTANCE OF 1168.69 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N53°59'40"E A DISTANCE OF 1018.09 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N30°23'05"E A DISTANCE OF 525.90 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N76°27'12"E A DISTANCE OF 551.82 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N53°59'39"E A DISTANCE OF 492.66 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S89°59'41"E A DISTANCE OF 151.71 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°38'59"E, A DISTANCE OF 636.65 FEET;

SAID STRIP OF LAND BEING 5986.78 FEET OR 362.84 RODS IN LENGTH, CONTAINING 4.123 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SW/4 SW/4	786.16 L.F.	47.65 RODS	0.541 ACRES
SE/4 SW/4	1648.36 L.F.	99.90 RODS	1.135 ACRES
SW/4 SE/4	223.24 L.F.	13.53 RODS	0.154 ACRES
NW/4 SE/4	1648.70 L.F.	99.92 RODS	1.135 ACRES
NE/4 SE/4	225.78 L.F.	13.68 RODS	0.155 ACRES
SE/4 NE/4	1454.54 L.F.	88.15 RODS	1.002 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 APRIL 2023

FILIMON F. JARAMILLO
12797
MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3341

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) 234-3341

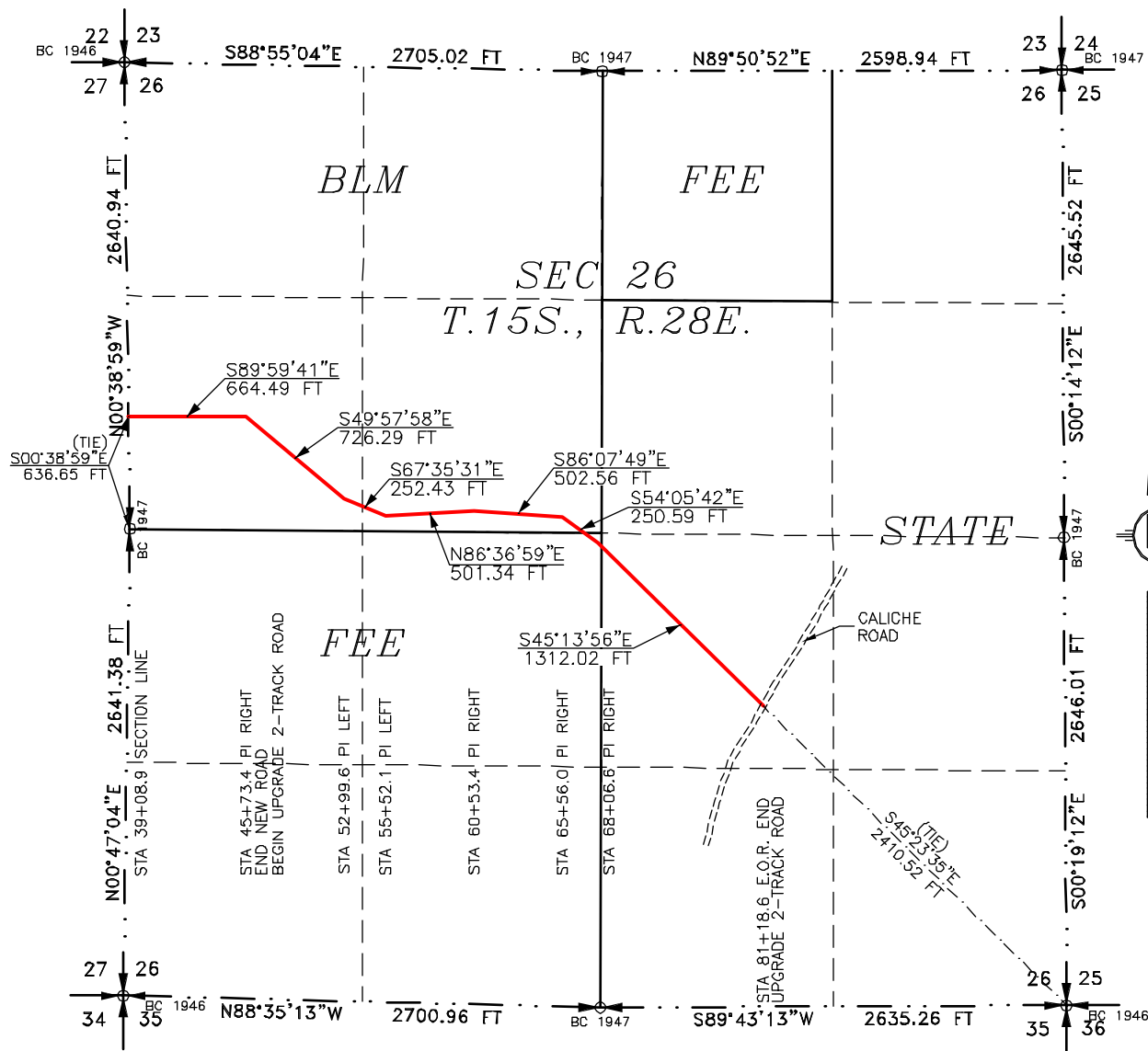
SURVEY NO. 9338B

ACCESS ROAD PLAT

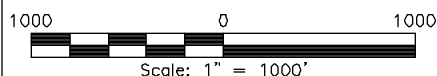
ACCESS ROAD FOR WESTMOUNT FEDERAL COM 1H

MACK ENERGY CORPORATION

**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 26, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO
APRIL 21, 2023**



SEE NEXT SHEET (4-4) 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: 3-4

MADRON SURVEYING, INC.

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 21st DAY OF APRIL 2023.

FILMON F. JARAMILLO
12797
NEW MEXICO PROFESSIONAL SURVEYOR

MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3341

SURVEY NO. 9338B

CARLSBAD, NEW MEXICO

ACCESS ROAD PLAT

ACCESS ROAD FOR WESTMOUNT FEDERAL COM 1H

MACK ENERGY CORPORATION

**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 26, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO
APRIL 21, 2023**

DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND, FEE LAND & STATE OF NEW MEXICO LAND IN SECTION 26, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M., CHAVES COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE SW/4 NW/4 OF SAID SECTION 26, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE WEST QUARTER CORNER OF SAID SECTION 26, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°38'59"E, A DISTANCE OF 636.65 FEET;
THENCE S89°59'41"E A DISTANCE OF 664.49 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S49°57'58"E A DISTANCE OF 726.29 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S67°35'31"E A DISTANCE OF 252.43 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N86°36'59"E A DISTANCE OF 501.34 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S86°07'49"E A DISTANCE OF 502.56 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S54°05'42"E A DISTANCE OF 250.59 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S45°13'56"E A DISTANCE OF 1312.02 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 26, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S45°23'35"E, A DISTANCE OF 2410.52 FEET;

SAID STRIP OF LAND BEING 4209.72 FEET OR 255.13 RODS IN LENGTH, CONTAINING 2.899 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SW/4 NW/4	1504.36 L.F.	91.17 RODS	1.036 ACRES	BLM
SE/4 NW/4	1300.76 L.F.	78.83 RODS	0.896 ACRES	BLM
NE/4 SW/4	117.41 L.F.	7.12 RODS	0.081 ACRES	FEE
NW/4 SE/4	1287.19 L.F.	78.01 RODS	0.886 ACRES	STATE

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 APRIL 2023.

FILIMON F. JARAMILLO
12797
MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3341

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) 234-3341

SURVEY NO. 9338B

Westmount Federal 1H, Plan 1

Operator	Mack Energy Corp		Units	feet, °/100ft		13:42 Monday, April 24, 2023 Page 1 of 4				
Field	Round Tank		County	Chaves		Vertical Section Azimuth		179.42		
Well Name	Westmount Federal 1H		State	New Mexico		Survey Calculation Method		Minimum Curvature		
Plan	1		Country	USA				Database		Access
Location	SL: 330 FSL & 400 FWL Section 27-T15S-R28E BHL: 1 FSL & 990 FWL Section 34-T15S-R28E				Map Zone	UTM		Lat Long Ref		
Site					Surface X	1908134.7		Surface Long		
Slot Name					Surface Y	11972671.4		Surface Lat		
Well Number	1H	UWI			Surface Z	3617.3		Global Z Ref KB		
Project		MD/TVD Ref	KB		Ground Level	3599.7		Local North Ref Grid		
DIRECTIONAL WELL PLAN										
MD*	INC*	AZI*	TVD*	N*	E*	DLS*	V. S.*	MapE*	MapN*	SysTVD*
ft	deg	deg	ft	ft	ft	°/100ft	ft	ft	ft	ft
*** TIE (at MD = 1810.00)										
1810.00	0.00	0.0	1810.00	0.00	0.00		0.00	1908134.70	11972671.40	1807.30
1850.00	0.00	0.0	1850.00	0.00	0.00	0.00	0.00	1908134.70	11972671.40	1767.30
1900.00	0.00	0.0	1900.00	0.00	0.00	0.00	0.00	1908134.70	11972671.40	1717.30
*** KOP 8 DEGREES (at MD = 1910.00)										
1910.00	0.00	0.0	1910.00	0.00	0.00	0.00	0.00	1908134.70	11972671.40	1707.30
1950.00	3.20	127.0	1949.98	-0.67	0.89	8.00	0.68	1908135.59	11972670.73	1667.32
2000.00	7.20	127.0	1999.76	-3.40	4.51	8.00	3.44	1908139.21	11972668.00	1617.54
2050.00	11.20	127.0	2049.11	-8.21	10.89	8.00	8.32	1908145.59	11972663.19	1568.19
2100.00	15.20	127.0	2097.78	-15.08	20.01	8.00	15.28	1908154.71	11972656.32	1519.52
2150.00	19.20	127.0	2145.53	-23.97	31.82	8.00	24.30	1908166.52	11972647.43	1471.77
2200.00	23.20	127.0	2192.14	-34.85	46.25	8.00	35.32	1908180.95	11972636.55	1425.16
2250.00	27.20	127.0	2237.37	-47.66	63.25	8.00	48.30	1908197.95	11972623.74	1379.93
2300.00	31.20	127.0	2281.01	-62.34	82.73	8.00	63.17	1908217.43	11972609.06	1336.29
2350.00	35.20	127.0	2322.84	-78.81	104.59	8.00	79.87	1908239.29	11972592.59	1294.46
2400.00	39.20	127.0	2362.66	-97.00	128.73	8.00	98.30	1908263.43	11972574.40	1254.64
2450.00	43.20	127.0	2400.27	-116.82	155.02	8.00	118.38	1908289.72	11972554.58	1217.03
2500.00	47.20	127.0	2435.50	-138.17	183.35	8.00	140.02	1908318.05	11972533.23	1181.80
2550.00	51.20	127.0	2468.16	-160.94	213.58	8.00	163.09	1908348.28	11972510.46	1149.14
*** 55 DEGREE TANGENT (at MD = 2597.50)										
2597.50	55.00	127.0	2496.67	-183.80	243.91	8.00	186.26	1908378.61	11972487.60	1120.63
2600.00	55.00	127.0	2498.11	-185.03	245.54	0.00	187.50	1908380.24	11972486.37	1119.19
2650.00	55.00	127.0	2526.79	-209.68	278.25	0.00	212.48	1908412.95	11972461.72	1090.51
2700.00	55.00	127.0	2555.47	-234.33	310.96	0.00	237.46	1908445.66	11972437.07	1061.83
2750.00	55.00	127.0	2584.14	-258.98	343.67	0.00	262.44	1908478.37	11972412.42	1033.16
*** 10 DEGREE BUILD (at MD = 2797.50)										
2797.50	55.00	127.0	2611.39	-282.39	374.75	0.00	286.17	1908509.45	11972389.01	1005.91
2800.00	55.10	127.3	2612.82	-283.63	376.38	10.00	287.42	1908511.08	11972387.77	1004.48
2850.00	57.15	132.8	2640.70	-310.33	408.13	10.00	314.44	1908542.83	11972361.07	976.60
2900.00	59.44	138.0	2666.99	-340.61	437.97	10.00	345.02	1908572.67	11972330.79	950.31
2950.00	61.93	143.0	2691.48	-374.24	465.68	10.00	378.93	1908600.38	11972297.16	925.82
3000.00	64.58	147.7	2713.99	-410.96	491.04	10.00	415.91	1908625.74	11972260.44	903.31
3050.00	67.39	152.3	2734.35	-450.50	513.86	10.00	455.68	1908648.56	11972220.90	882.95
3100.00	70.31	156.6	2752.39	-492.56	533.96	10.00	497.94	1908668.66	11972178.84	864.91
3150.00	73.34	160.8	2768.00	-536.81	551.20	10.00	542.36	1908685.90	11972134.60	849.30
3200.00	76.44	164.9	2781.04	-582.91	565.43	10.00	588.60	1908700.13	11972088.49	836.26
3250.00	79.61	168.8	2791.41	-630.52	576.57	10.00	636.33	1908711.27	11972040.88	825.89
3300.00	82.83	172.7	2799.04	-679.28	584.51	10.00	685.16	1908719.21	11971992.12	818.26

Westmount Federal 1H, Plan 1

Operator	Mack Energy Corp			Units	feet, °/100ft		13:42 Monday, April 24, 2023 Page 2 of 4			
Field	Round Tank			County	Chaves		Vertical Section Azimuth		179.42	
Well Name	Westmount Federal 1H			State	New Mexico		Survey Calculation Method		Minimum Curvature	
Plan	1			Country	USA		Database		Access	
Location	SL: 330 FSL & 400 FWL Section 27-T15S-R28E BHL: 1 FSL & 990 FWL Section 34-T15S-R28E						Map Zone	UTM		Lat Long Ref
Site							Surface X	1908134.7		Surface Long
Slot Name				UWI			Surface Y	11972671.4		Surface Lat
Well Number	1H			API			Surface Z	3617.3		Global Z Ref KB
Project				MD/TVD Ref	KB		Ground Level	3599.7		Local North Ref Grid
DIRECTIONAL WELL PLAN										
MD*	INC*	AZI*	TVD*	N*	E*	DLS*	V. S.*	MapE*	MapN*	SysTVD*
ft	deg	deg	ft	ft	ft	°/100ft	ft	ft	ft	ft
3350.00	86.08	176.5	2803.87	-728.81	589.19	10.00	734.73	1908723.89	11971942.59	813.43
*** LANDING POINT (at MD = 3388.57)										
3388.57	88.60	179.4	2805.66	-767.30	590.57	10.00	773.24	1908725.27	11971904.10	811.64
3400.00	88.60	179.4	2805.94	-778.73	590.68	0.00	784.67	1908725.38	11971892.67	811.36
3450.00	88.60	179.4	2807.17	-828.71	591.19	0.00	834.65	1908725.89	11971842.69	810.13
3500.00	88.60	179.4	2808.39	-878.69	591.69	0.00	884.64	1908726.39	11971792.71	808.91
3550.00	88.60	179.4	2809.61	-928.68	592.20	0.00	934.62	1908726.90	11971742.72	807.69
3600.00	88.60	179.4	2810.83	-978.66	592.70	0.00	984.61	1908727.40	11971692.74	806.47
3650.00	88.60	179.4	2812.05	-1028.64	593.21	0.00	1034.59	1908727.91	11971642.76	805.25
3700.00	88.60	179.4	2813.27	-1078.62	593.72	0.00	1084.58	1908728.42	11971592.78	804.03
3750.00	88.60	179.4	2814.49	-1128.61	594.22	0.00	1134.56	1908728.92	11971542.79	802.81
3800.00	88.60	179.4	2815.72	-1178.59	594.73	0.00	1184.55	1908729.43	11971492.81	801.58
3850.00	88.60	179.4	2816.94	-1228.57	595.23	0.00	1234.53	1908729.93	11971442.83	800.36
3900.00	88.60	179.4	2818.16	-1278.55	595.74	0.00	1284.52	1908730.44	11971392.85	799.14
3950.00	88.60	179.4	2819.38	-1328.54	596.25	0.00	1334.50	1908730.95	11971342.86	797.92
4000.00	88.60	179.4	2820.60	-1378.52	596.75	0.00	1384.49	1908731.45	11971292.88	796.70
4050.00	88.60	179.4	2821.82	-1428.50	597.26	0.00	1434.47	1908731.96	11971242.90	795.48
4100.00	88.60	179.4	2823.05	-1478.48	597.76	0.00	1484.46	1908732.46	11971192.92	794.25
4150.00	88.60	179.4	2824.27	-1528.47	598.27	0.00	1534.44	1908732.97	11971142.93	793.03
4200.00	88.60	179.4	2825.49	-1578.45	598.78	0.00	1584.43	1908733.48	11971092.95	791.81
4250.00	88.60	179.4	2826.71	-1628.43	599.28	0.00	1634.41	1908733.98	11971042.97	790.59
4300.00	88.60	179.4	2827.93	-1678.41	599.79	0.00	1684.40	1908734.49	11970992.99	789.37
4350.00	88.60	179.4	2829.15	-1728.40	600.29	0.00	1734.38	1908734.99	11970943.00	788.15
4400.00	88.60	179.4	2830.38	-1778.38	600.80	0.00	1784.37	1908735.50	11970893.02	786.92
4450.00	88.60	179.4	2831.60	-1828.36	601.31	0.00	1834.35	1908736.01	11970843.04	785.70
4500.00	88.60	179.4	2832.82	-1878.34	601.81	0.00	1884.34	1908736.51	11970793.06	784.48
4550.00	88.60	179.4	2834.04	-1928.33	602.32	0.00	1934.33	1908737.02	11970743.07	783.26
4600.00	88.60	179.4	2835.26	-1978.31	602.82	0.00	1984.31	1908737.52	11970693.09	782.04
4650.00	88.60	179.4	2836.48	-2028.29	603.33	0.00	2034.30	1908738.03	11970643.11	780.82
4700.00	88.60	179.4	2837.71	-2078.27	603.84	0.00	2084.28	1908738.54	11970593.13	779.59
4750.00	88.60	179.4	2838.93	-2128.26	604.34	0.00	2134.27	1908739.04	11970543.14	778.37
4800.00	88.60	179.4	2840.15	-2178.24	604.85	0.00	2184.25	1908739.55	11970493.16	777.15
4850.00	88.60	179.4	2841.37	-2228.22	605.35	0.00	2234.24	1908740.05	11970443.18	775.93
4900.00	88.60	179.4	2842.59	-2278.20	605.86	0.00	2284.22	1908740.56	11970393.20	774.71
4950.00	88.60	179.4	2843.81	-2328.19	606.37	0.00	2334.21	1908741.07	11970343.21	773.49
5000.00	88.60	179.4	2845.04	-2378.17	606.87	0.00	2384.19	1908741.57	11970293.23	772.27
5050.00	88.60	179.4	2846.26	-2428.15	607.38	0.00	2434.18	1908742.08	11970243.25	771.04

Westmount Federal 1H, Plan 1

Operator	Mack Energy Corp			Units	feet, °/100ft		13:42 Monday, April 24, 2023 Page 3 of 4			
Field	Round Tank			County	Chaves		Vertical Section Azimuth		179.42	
Well Name	Westmount Federal 1H			State	New Mexico		Survey Calculation Method		Minimum Curvature	
Plan	1			Country	USA		Database		Access	
Location	SL: 330 FSL & 400 FWL Section 27-T15S-R28E BHL: 1 FSL & 990 FWL Section 34-T15S-R28E				Map Zone	UTM		Lat Long Ref		
Site					Surface X	1908134.7		Surface Long		
Slot Name					Surface Y	11972671.4		Surface Lat		
Well Number	1H	UWI			Surface Z	3617.3		Global Z Ref	KB	
Project			MD/TVD Ref	KB	Ground Level	3599.7		Local North Ref	Grid	
DIRECTIONAL WELL PLAN										
MD*	INC*	AZI*	TVD*	N*	E*	DLS*	V. S.*	MapE*	MapN*	SysTVD*
ft	deg	deg	ft	ft	ft	°/100ft	ft	ft	ft	ft
5100.00	88.60	179.4	2847.48	-2478.13	607.88	0.00	2484.16	1908742.58	11970193.27	769.82
5150.00	88.60	179.4	2848.70	-2528.12	608.39	0.00	2534.15	1908743.09	11970143.28	768.60
5200.00	88.60	179.4	2849.92	-2578.10	608.90	0.00	2584.13	1908743.60	11970093.30	767.38
5250.00	88.60	179.4	2851.14	-2628.08	609.40	0.00	2634.12	1908744.10	11970043.32	766.16
5300.00	88.60	179.4	2852.36	-2678.06	609.91	0.00	2684.10	1908744.61	11969993.34	764.94
5350.00	88.60	179.4	2853.59	-2728.05	610.41	0.00	2734.09	1908745.11	11969943.35	763.71
5400.00	88.60	179.4	2854.81	-2778.03	610.92	0.00	2784.07	1908745.62	11969893.37	762.49
5450.00	88.60	179.4	2856.03	-2828.01	611.43	0.00	2834.06	1908746.13	11969843.39	761.27
5500.00	88.60	179.4	2857.25	-2877.99	611.93	0.00	2884.04	1908746.63	11969793.41	760.05
5550.00	88.60	179.4	2858.47	-2927.98	612.44	0.00	2934.03	1908747.14	11969743.42	758.83
5600.00	88.60	179.4	2859.69	-2977.96	612.94	0.00	2984.01	1908747.64	11969693.44	757.61
5650.00	88.60	179.4	2860.92	-3027.94	613.45	0.00	3034.00	1908748.15	11969643.46	756.38
5700.00	88.60	179.4	2862.14	-3077.92	613.96	0.00	3083.98	1908748.66	11969593.48	755.16
5750.00	88.60	179.4	2863.36	-3127.91	614.46	0.00	3133.97	1908749.16	11969543.49	753.94
5800.00	88.60	179.4	2864.58	-3177.89	614.97	0.00	3183.95	1908749.67	11969493.51	752.72
5850.00	88.60	179.4	2865.80	-3227.87	615.47	0.00	3233.94	1908750.17	11969443.53	751.50
5900.00	88.60	179.4	2867.02	-3277.85	615.98	0.00	3283.92	1908750.68	11969393.55	750.28
5950.00	88.60	179.4	2868.25	-3327.84	616.49	0.00	3333.91	1908751.19	11969343.56	749.05
6000.00	88.60	179.4	2869.47	-3377.82	616.99	0.00	3383.89	1908751.69	11969293.58	747.83
6050.00	88.60	179.4	2870.69	-3427.80	617.50	0.00	3433.88	1908752.20	11969243.60	746.61
6100.00	88.60	179.4	2871.91	-3477.78	618.00	0.00	3483.86	1908752.70	11969193.62	745.39
6150.00	88.60	179.4	2873.13	-3527.77	618.51	0.00	3533.85	1908753.21	11969143.63	744.17
6200.00	88.60	179.4	2874.35	-3577.75	619.02	0.00	3583.83	1908753.72	11969093.65	742.95
6250.00	88.60	179.4	2875.58	-3627.73	619.52	0.00	3633.82	1908754.22	11969043.67	741.72
6300.00	88.60	179.4	2876.80	-3677.71	620.03	0.00	3683.80	1908754.73	11968993.69	740.50
6350.00	88.60	179.4	2878.02	-3727.70	620.53	0.00	3733.79	1908755.23	11968943.70	739.28
6400.00	88.60	179.4	2879.24	-3777.68	621.04	0.00	3783.77	1908755.74	11968893.72	738.06
6450.00	88.60	179.4	2880.46	-3827.66	621.55	0.00	3833.76	1908756.25	11968843.74	736.84
6500.00	88.60	179.4	2881.68	-3877.64	622.05	0.00	3883.74	1908756.75	11968793.76	735.62
6550.00	88.60	179.4	2882.90	-3927.63	622.56	0.00	3933.73	1908757.26	11968743.77	734.40
6600.00	88.60	179.4	2884.13	-3977.61	623.06	0.00	3983.71	1908757.76	11968693.79	733.17
6650.00	88.60	179.4	2885.35	-4027.59	623.57	0.00	4033.70	1908758.27	11968643.81	731.95
6700.00	88.60	179.4	2886.57	-4077.57	624.08	0.00	4083.68	1908758.78	11968593.83	730.73
6750.00	88.60	179.4	2887.79	-4127.56	624.58	0.00	4133.67	1908759.28	11968543.84	729.51
6800.00	88.60	179.4	2889.01	-4177.54	625.09	0.00	4183.65	1908759.79	11968493.86	728.29
6850.00	88.60	179.4	2890.23	-4227.52	625.59	0.00	4233.64	1908760.29	11968443.88	727.07
6900.00	88.60	179.4	2891.46	-4277.50	626.10	0.00	4283.62	1908760.80	11968393.90	725.84

Westmount Federal 1H, Plan 1

Operator	Mack Energy Corp	Units	feet, °/100ft	13:42 Monday, April 24, 2023	Page 4 of 4
Field	Round Tank	County	Chaves	Vertical Section Azimuth	179.42
Well Name	Westmount Federal 1H	State	New Mexico	Survey Calculation Method	Minimum Curvature
Plan	1	Country	USA	Database	Access
Location	SL: 330 FSL & 400 FWL Section 27-T15S-R28E BHL: 1 FSL & 990 FWL Section 34-T15S-R28E			Map Zone	UTM
Site				Surface X	1908134.7
Slot Name				Surface Y	11972671.4
Well Number	1H	UWI		Surface Z	3617.3
Project		API		Ground Level	3599.7
		MD/TVD Ref	KB		Local North Ref Grid

DIRECTIONAL WELL PLAN

MD*	INC*	AZI*	TVD*	N*	E*	DLS*	V. S.*	MapE*	MapN*	SysTVD*
ft	deg	deg	ft	ft	ft	°/100ft	ft	ft	ft	ft
6950.00	88.60	179.4	2892.68	-4327.49	626.61	0.00	4333.61	1908761.31	11968343.91	724.62
7000.00	88.60	179.4	2893.90	-4377.47	627.11	0.00	4383.59	1908761.81	11968293.93	723.40
7050.00	88.60	179.4	2895.12	-4427.45	627.62	0.00	4433.58	1908762.32	11968243.95	722.18
7100.00	88.60	179.4	2896.34	-4477.43	628.12	0.00	4483.56	1908762.82	11968193.97	720.96
7150.00	88.60	179.4	2897.56	-4527.42	628.63	0.00	4533.55	1908763.33	11968143.98	719.74
7200.00	88.60	179.4	2898.79	-4577.40	629.14	0.00	4583.53	1908763.84	11968094.00	718.51
7250.00	88.60	179.4	2900.01	-4627.38	629.64	0.00	4633.52	1908764.34	11968044.02	717.29
7300.00	88.60	179.4	2901.23	-4677.37	630.15	0.00	4683.50	1908764.85	11967994.04	716.07
7350.00	88.60	179.4	2902.45	-4727.35	630.65	0.00	4733.49	1908765.35	11967944.05	714.85
7400.00	88.60	179.4	2903.67	-4777.33	631.16	0.00	4783.47	1908765.86	11967894.07	713.63
7450.00	88.60	179.4	2904.89	-4827.31	631.67	0.00	4833.46	1908766.37	11967844.09	712.41
7500.00	88.60	179.4	2906.12	-4877.30	632.17	0.00	4883.44	1908766.87	11967794.11	711.18
7550.00	88.60	179.4	2907.34	-4927.28	632.68	0.00	4933.43	1908767.38	11967744.12	709.96
7600.00	88.60	179.4	2908.56	-4977.26	633.18	0.00	4983.41	1908767.88	11967694.14	708.74
7650.00	88.60	179.4	2909.78	-5027.24	633.69	0.00	5033.40	1908768.39	11967644.16	707.52
7700.00	88.60	179.4	2911.00	-5077.23	634.20	0.00	5083.38	1908768.90	11967594.17	706.30
7750.00	88.60	179.4	2912.22	-5127.21	634.70	0.00	5133.37	1908769.40	11967544.19	705.08
7800.00	88.60	179.4	2913.45	-5177.19	635.21	0.00	5183.35	1908769.91	11967494.21	703.85
7850.00	88.60	179.4	2914.67	-5227.17	635.71	0.00	5233.34	1908770.41	11967444.23	702.63
7900.00	88.60	179.4	2915.89	-5277.16	636.22	0.00	5283.33	1908770.92	11967394.24	701.41
7950.00	88.60	179.4	2917.11	-5327.14	636.73	0.00	5333.31	1908771.43	11967344.26	700.19
8000.00	88.60	179.4	2918.33	-5377.12	637.23	0.00	5383.30	1908771.93	11967294.28	698.97
8050.00	88.60	179.4	2919.55	-5427.10	637.74	0.00	5433.28	1908772.44	11967244.30	697.75
8100.00	88.60	179.4	2920.77	-5477.09	638.24	0.00	5483.27	1908772.94	11967194.31	696.53
8150.00	88.60	179.4	2922.00	-5527.07	638.75	0.00	5533.25	1908773.45	11967144.33	695.30
8200.00	88.60	179.4	2923.22	-5577.05	639.26	0.00	5583.24	1908773.96	11967094.35	694.08
*** TD (at MD = 8216.57)										
8216.57	88.60	179.4	2923.62	-5593.61	639.42	0.00	5599.80	1908774.12	11967077.79	693.68

**PECOS DISTRICT
DRILLING OPERATIONS
CONDITIONS OF APPROVAL**

OPERATOR'S NAME:	Mack Energy Corporation
LEASE NO.:	NMNM-138829
WELL NAME & NO.:	Westmount Federal 1H
SURFACE HOLE FOOTAGE:	0330' FSL & 0400' FWL
BOTTOM HOLE FOOTAGE	0001' FSL & 0990' FWL Sec. 34, T. 15 S., R 28 E.
LOCATION:	Section 27, T. 15 S., R 28 E., NMPM
COUNTY:	Chaves County, New Mexico

Original COAs and Sundry 2719607 COAs still stand.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 211065

CONDITIONS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 88210960	OGRID: 13837
	Action Number: 211065
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	None	8/11/2023